# Arboricultural Impact Assessment

## Phillip Island Park Lane Holiday Park

Project:
Proposed Cabin Configuration and Road Upgrade

Site Address:
1825 Phillip Island Road, Cowes

Report prepared by

Submitted
03/11/2025

Melbourne TREE CARE

## Table of Contents

**Document Control** ..... 3
**Introduction** ..... 3
**Aim of report** ..... 3
**Methodology** ..... 3
**Documents Reviewed** ..... 4
**Planning Controls** ..... 4
**Impact Assessment** ..... 8
**Conclusion** ..... 14
**Recommendations** ..... 14
**Appendix A: Individual Tree Data** ..... 15
**Appendix B: Tree Protection Measures** ..... 49
**Appendix C: Glossary of Terms** ..... 51
**Appendix D: References** ..... 54
**Appendix E: Qualifications and Experience** ..... 54
**Appendix F: Report Limitations and Constraints** ..... 55
**Appendix G: Disclaimer** ..... 55



© Melbourne Tree Care P.L
This document may not be reproduced without permission.

# Document Control

**Table 1. Document Control**

| Version | Author | Date | Amendment |
|---|---|---|---|
| 1 | | 17/07/2025 | Null |
| 2 | | 13/08/2025 | Permit Requirements Amended Plans |
| 3 | | 15/08/2025 | Permit Requirements Amended Plans |
| 4 | | 05/09/2025 | Amended Plans |
| 5 | | 03/11/2025 | Amended Plans |

# Introduction

Melbourne Tree Care was contracted to undertake an arboricultural impact assessment for trees that may be impacted by a proposed cabin configuration and road upgrade within the subject site.

# Aim of report

The intention of this report is to:

- Assess trees within the subject site and surrounds that may be impacted by the proposed cabin configuration and road upgrade.
- State the permit requirements for all trees.
- State the notional root zones (NRZ) and structural root zones (SRZ) of all trees.
- Assess the impact of works for all trees.
- Provide recommendations on the retention or removal of trees based on impact of the proposed works.

# Methodology

- of Melbourne Tree Care attended site on the 16th of July 2025.
- Data acquired is based on a Visual Tree Inspection (VTA) from the ground (Mattheck and Breloer, 1994).
- Trees with a mature height greater than five metres that may be impacted by the proposed development were assessed.
- All trees located in neighbouring properties within five metres of the site boundaries that may be impacted by the proposed development were assessed.
- Trees were grouped where they are densely planted and are of the same species and/or are of similar size.
- Data collected for each tree was their current size (DSH, DaB, crown spread, height), condition (health and structure), retention value, NRZ, and SRZ.
- Tree numbering is continued from past assessments within the subject site.


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

- DSH (Diameter at Standard Height) was measured at 1.4 metres using a diameter tape.
- DaB (Diameter at Base) was measured above the root flare using a diameter tape.
- DSH and DaB were estimated for neighbouring trees.
- Tree height and canopy spread were estimated.
- Tree locations are based on supplied plans.
- Data was recorded using Tree Plotter.
- NRZs and SRZs were calculated in accordance with Australian Standard 4970-2025 Protection of trees on development sites. See Appendix B for further information.
- Tree impacts calculated using GIS software.

# Documents Reviewed

- Park Lane Construction. (2025, June 16). *Trees for removal* (Drawing no. 17762 rev. 03) [Construction Drawing].
- Park Lane Construction. (2025, June 19). *Proposed Site Plan – New UMDs* (Drawing no. 17762 rev. D) [Construction Drawing].

# Planning Controls

The subject site is located in Bass Coast Shire Council Rural Activity Zone (RAZ). There is one overlay affecting the land:

- Bushfire Management Overlay (BMO)

### Vegetation Controls

**Bass Coast Shire Council Local Law**
A local law permit is required to:

- *Cut, trim, lop, prune or otherwise interfere with, or cause or allow to be cut, trimmed, lopped, pruned or otherwise interfered with, on any private property any Significant tree or Protected tree.*
- *Carry out, or cause or allow to be carried out, any works within the tree protection zone of a significant tree or protected tree, including but not limited to building, trenching, digging, compacting, excavating, filling, or storing materials and equipment*

A significant tree is a tree *recorded on Council's Significant Tree Register that has been assessed by Council and meets the eligibility criteria.*

A protected tree is a *tree with a single trunk circumference or combined trunk circumference greater than 155 centimetres measured at one metre above ground level but excluding species which are noxious weeds.*


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**52.17**

The subject site is greater than 4,000 m², triggering clause 52.17 of the Victorian Planning Scheme. Pursuant to clause 52.17, a permit is required to remove, destroy, or lop native vegetation. There is an exemption within the clause that states a permit is not required when:

- *Lopping or pruning native vegetation, for maintenance only, provided no more than 1/3 of the foliage of each individual plant is lopped or prune;*
- *Native vegetation that is to be removed, destroyed or lopped that was either planted or grown as a result of direct seeding. This exemption does not apply to native vegetation planted or managed with public funding for the purpose of land protection or enhancing biodiversity unless the removal, destruction or lopping of the native vegetation is in accordance with written permission of the agency (or its successor) that provided the funding.*
- *Native vegetation that is to be removed, destroyed, or lopped to the minimum extent necessary to enable the use or maintenance of a building constructed in accordance with a planning or building permit issued before 15 September 2008. This exemption does not apply to:*
    - *the operation or maintenance of a fence; or*
    - *native vegetation located more than 10 metres measured from the outermost point of the building.*

**Table 2. Individual Tree Permit Requirements and Retention Status**

| Location | Tree Id | Botanical Name | Circ. @ 1 m (cm) | BCSC - Local Law | Clause 52.17 | Retention Status |
|---|---|---|---|---|---|---|
| Onsite | 62 | *Allocasuarina verticillata* | 113 | No | No – Clause 52.12-1 Bushfire exemption | Retain |
| Onsite | 63 | *Banksia marginata* | 47 | No | No – Clause 52.12-1 Bushfire exemption | Retain |
| Onsite | 64 | *Banksia marginata* | 50 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 65 | *Melaleuca styphelioides* | 44 | No | No - Planted | Remove |
| Onsite | 66 | *Melaleuca styphelioides* | 66 | No | No - Planted | Remove |
| Onsite | 68 | *Melaleuca styphelioides* | 41 | No | No - Planted | Remove |
| Onsite | 71 | *Melaleuca styphelioides* | 151 | No | No - Planted | Remove |
| Onsite | 72 | *Hakea salicifolia* | 72 | No | No - Planted | Remove |
| Onsite | 73 | *Melaleuca styphelioides* | 167 | Yes | No - Planted | Remove |
| Onsite | 74 | *Melaleuca styphelioides* | 107 | No | No - Planted | Remove |
| Onsite | 76 | *Melaleuca styphelioides* | 129 | No | No - Planted | Remove |
| Onsite | 78 | *Melaleuca styphelioides* | 113 | No | No - Planted | Remove |
| Onsite | 80 | *Melaleuca styphelioides* | 119 | No | No - Planted | Remove |
| Onsite | 81 | *Acacia floribunda* | 110 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 82 | *Banksia marginata* | 145 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 83 | *Hesperocyparis macrocarpa* | 75 | No | No -Exotic | Remove |
| Onsite | 88 | *Banksia marginata* | 135 | No | No – Clause 52.12-1 Bushfire exemption | Remove |


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

| Location | Tree Id | Botanical Name | Circ. @ 1 m (cm) | BCSC - Local Law | Clause 52.17 | Retention Status |
|---|---|---|---|---|---|---|
| Onsite | 150 | *Eucalyptus bicostata* | 292 | Yes | No – Clause 52.12-1 Bushfire exemption | Retain |
| Onsite | 151 | *Eucalyptus bicostata* | 47 | No | No – Clause 52.12-1 Bushfire exemption | Retain |
| Onsite | 152 | *Melaleuca sp.* | 31 | No | No - Planted | Retain |
| Onsite | 153 | *Eucalyptus bicostata* | 220 | Yes | No – Clause 52.12-1 Bushfire exemption | Retain |
| Onsite | 162 | *Eucalyptus bicostata* | 245 | Yes | No - Bushfire exemption | Retain |
| Onsite | 163 | *Eucalyptus bicostata* | 148 | No | No – Clause 52.12-1 Bushfire exemption | Retain |
| Onsite | 165 | *Eucalyptus bicostata* | 113 | No | No – Clause 52.12-1 Bushfire exemption | Retain |
| Onsite | 168 | *Banksia integrifolia* | 31 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 169 | *Callistemon viminalis* | 16 | No | No - Planted | Remove |
| Onsite | 170 | *Eucalyptus bicostata* | 132 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 171 | *Acacia sp.* | 47 | No | No - Planted | Remove |
| Onsite | 172 | *Eucalyptus bicostata* | 154 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 173 | *Eucalyptus bicostata* | 145 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 175 | *Eucalyptus bicostata* | 101 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 177 | *Dodonaea viscosa* | 31 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 178 | *Eucalyptus bicostata* | 151 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 179 | *Eucalyptus bicostata* | 232 | Yes | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 180 | *Banksia integrifolia* | 72 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 181 | *Callistemon sp.* | 41 | No | No - Planted | Remove |
| Onsite | 182 | *Eucalyptus bicostata* | 148 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 184 | *Eucalyptus bicostata* | 182 | Yes | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 187 | *Eucalyptus bicostata* | 151 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 189 | *Eucalyptus bicostata* | 195 | Yes | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 191 | *Eucalyptus bicostata* | 280 | Yes | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 193 | *Eucalyptus bicostata* | 182 | Yes | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 194 | *Eucalyptus bicostata* | 245 | Yes | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 195 | *N/A* | 31 | No | No -Exotic | Remove |
| Onsite | 196 | *Eucalyptus bicostata* | 139 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 198 | *N/A* | 110 | No | No -Exotic | Remove |


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

| Location | Tree Id | Botanical Name | Circ. @ 1 m (cm) | BCSC - Local Law | Clause 52.17 | Retention Status |
|---|---|---|---|---|---|---|
| Onsite | 199 | *Eucalyptus bicostata* | 60 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 200 | *N/A* | 44 | No | No - Planted | Remove |
| Onsite | 333 | *Pittosporum undulatum* | 47 | No | No - Bushfire exemption | Remove |
| Onsite | 334 | *N/A* | 31 | No | No -Exotic | Remove |
| Onsite | 335 | *Pittosporum undulatum* | 31 | No | No – Clause 52.12-1 Bushfire exemption | Remove |
| Onsite | 336 | *Cordyline australis* | 31 | No | No -Exotic | Remove |
| Onsite | 337 | *Ficus carica* | 47 | No | No -Exotic | Retain |
| Neighbouring property | 338 | *Myoporum insulare* | 31 | Third Party | Third Party | Retain |
| Onsite | 339 | *Callistemon sp.* | 31 | No | No - Planted | Remove |
| Neighbouring property | 340 | *N/A* | 31 | Third Party | Third Party | Retain |
| Neighbouring property | 341 | *Eucalyptus bicostata* | 157 | Third Party | Third Party | Retain |
| Neighbouring property | 342 | *Eucalyptus bicostata* | 173 | Third Party | Third Party | Retain |
| Neighbouring property | 343 | *Banksia marginata* | 47 | Third Party | Third Party | Retain |
| Neighbouring property | 344 | *Allocasuarina verticillata* | 72 | Third Party | Third Party | Retain |
| Neighbouring property | 345 | *Banksia marginata* | 66 | Third Party | Third Party | Retain |
| Neighbouring property | 346 | *Eucalyptus bicostata* | 236 | Third Party | Third Party | Retain |
| Neighbouring property | 347 | *Allocasuarina verticillata* | 126 | Third Party | Third Party | Retain |
| Neighbouring property | 348 | *Allocasuarina verticillata* | 141 | Third Party | Third Party | Retain |
| Neighbouring property | 349 | *N/A* | 31 | Third Party | Third Party | Retain |
| Neighbouring property | 350 | *Banksia marginata* | 126 | Third Party | Third Party | Retain |
| Neighbouring property | 351 | *Banksia marginata* | 94 | Third Party | Third Party | Retain |
| Neighbouring property | 352 | *Eucalyptus conferruminata* | 82 | Third Party | Third Party | Retain |

**Before the removal of any vegetation, it is best practice to contact and confirm works with the relevant authority.**



© Melbourne Tree Care P.L
This document may not be reproduced without permission.

# Impact Assessment

A total of 68 individual trees or groups of trees were assessed for the purpose of this report. The trees comprise of semi mature and mature specimens that are Victorian native, Australian native, and exotic in origin. Thirteen trees display attributes that warrant a high retention value, nine trees have a medium retention value, 32 trees have a low retention value, and 14 trees are third party assets located in the neighbouring property to the west.

The proposed works involve the removal of the existing accommodation within the assessment area, and the subsequent construction and installation of new cabins and car parks, and a road upgrade. See below for the arboricultural impact assessment drawing and Table 3 for the individual tree encroachment calculations.

## No Impact

### Trees Onsite

- There will be no impact into the NRZ, SRZ or canopy of trees 63, 150-152, 162, 163, 165, and 337. It is expected these trees will not be adversely impacted by the proposed development and can be retained.

### Trees in Neighbouring Property

- There will be no impact into the NRZ, SRZ or canopy of Tree 351 and Tree 352. It is expected these trees will not be adversely impacted by the proposed development.

## Minor Encroachment

### Trees Onsite

- The NRZ of Tree 153 will be encroached by 2.24% by a proposed car park. This is considered a minor encroachment (<10%) per AS4970-2025, and as such it is expected this tree will not be adversely impacted by the proposed development and can be retained.

## Major Encroachment

### Trees Onsite

- The NRZ of Tree 62 will be encroached by <1% and the SRZ will be encroached by <1% by the proposed fence. This is considered a major encroachment per AS4970-2025. The proposed fence is to be constructed on footings; therefore, the overall impact to the tree should be minimal. To ensure the tree remains viable, all footings must be dug using minimally destructive methods (hand digging, air excavation, hydro excavation) and under the supervision of the project arborist. Roots <5 cm can be cut by the project arborist using sharp hand tools. If roots >5 cm are found, then the project arborist must determine if removing the roots would adversely impact the health or structural integrity


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

of the tree. If the project arborist determines that the roots cannot me removed, then the footings must be moved to accommodate the roots.

- Trees 64-66, 68, 71-74, 76, 78, 80-83, 88, 168-173, 177-182, 184, 187, 189, 191, 193-196, 198-200, 333-336, and 339 are proposed removal for bushfire protection.

**Trees in Neighbouring Property**

- The NRZ of trees 341, 342, and 346 will be encroached by <12% by the proposed fence, car parks, cabins, and site cut. The SRZ of each tree will also be encroached by <1% by the proposed fence. The proposed fence is to be constructed on footings; therefore, the overall impact to the tree should be minimal. To ensure the trees remain viable, all footings must be dug using minimally destructive methods (hand digging, air excavation, hydro excavation) and under the supervision of the project arborist. Roots <5 cm can be cut by the project arborist using sharp hand tools. If roots >5 cm are found, then the project arborist must determine if removing the roots would adversely impact the health or structural integrity of the trees. If the project arborist determines that the roots cannot me removed, then the footings must be moved to accommodate the roots.
- The NRZ of trees 338, 340, 343-345, 347-350 will be encroached by <1% and the SRZ will be encroached by <1% by the proposed fence. The proposed fence is to be constructed on footings; therefore, the overall impact to the tree should be minimal. To ensure the trees remain viable, all footings must be dug using minimally destructive methods (hand digging, air excavation, hydro excavation) and under the supervision of the project arborist. Roots <5 cm can be cut by the project arborist using sharp hand tools. If roots >5 cm are found, then the project arborist must determine if removing the roots would adversely impact the health or structural integrity of the trees. If the project arborist determines that the roots cannot me removed, then the footings must be moved to accommodate the roots.


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

## Table 3. Individual Tree Encroachments

| Location | Tree Id | Botanical Name | NRZ Radius (m) | NRZ Encroachment | SRZ Radius (m) | SRZ Encroachment | Encroachment Part(s) | Encroachment Class | Retention Status |
|---|---|---|---|---|---|---|---|---|---|
| Onsite | 62 | *Allocasuarina verticillata* | 4.32 | <1% | 2.34 | <1% | Fence | Major | Retain |
| Onsite | 63 | *Banksia marginata* | 2 | None | 1.72 | None | None | None | Retain |
| Onsite | 64 | *Banksia marginata* | 2 | Bushfire/Envelope | 1.75 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 65 | *Melaleuca styphelioides* | 2 | Bushfire/Envelope | 1.61 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 66 | *Melaleuca styphelioides* | 2.52 | Bushfire/Envelope | 2.02 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 68 | *Melaleuca styphelioides* | 2 | Bushfire/Envelope | 1.75 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 71 | *Melaleuca styphelioides* | 5.76 | Bushfire/Envelope | 2.65 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 72 | *Hakea salicifolia* | 2.76 | Bushfire/Envelope | 2.05 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 73 | *Melaleuca styphelioides* | 6.36 | Bushfire/Envelope | 2.65 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 74 | *Melaleuca styphelioides* | 4.08 | Bushfire/Envelope | 2.25 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 76 | *Melaleuca styphelioides* | 4.92 | Bushfire/Envelope | 2.45 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 78 | *Melaleuca styphelioides* | 4.32 | Bushfire/Envelope | 2.34 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 80 | *Melaleuca styphelioides* | 4.56 | Bushfire/Envelope | 2.37 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 81 | *Acacia floribunda* | 4.2 | Bushfire/Envelope | 2.34 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 82 | *Banksia marginata* | 5.52 | Bushfire/Envelope | 2.65 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 83 | *Hesperocyparis macrocarpa* | 2.88 | Bushfire/Envelope | 2.05 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 88 | *Banksia marginata* | 5.16 | Bushfire/Envelope | 2.71 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 150 | *Eucalyptus bicostata* | 11.16 | None | 3.44 | None | None | None | Retain |
| Onsite | 151 | *Eucalyptus bicostata* | 2 | None | 1.68 | None | None | None | Retain |
| Onsite | 152 | *Melaleuca sp.* | 2 | None | 1.5 | None | None | None | Retain |
| Onsite | 153 | *Eucalyptus bicostata* | 8.4 | 2.24% | 3.31 | None | Car Park | Minor | Retain |
| Onsite | 162 | *Eucalyptus bicostata* | 9.36 | None | 3.22 | None | None | None | Retain |
| Onsite | 163 | *Eucalyptus bicostata* | 5.64 | None | 2.67 | None | None | None | Retain |
| Onsite | 165 | *Eucalyptus bicostata* | 4.32 | None | 2.43 | None | None | None | Retain |
| Onsite | 168 | *Banksia integrifolia* | 2 | Bushfire/Envelope | 1.5 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

| Location | Tree Id | Botanical Name | NRZ Radius (m) | NRZ Encroachment | SRZ Radius (m) | SRZ Encroachment | Encroachment Part(s) | Encroachment Class | Retention Status |
|---|---|---|---|---|---|---|---|---|---|
| Onsite | 169 | *Callistemon viminalis* | 2 | Bushfire/Envelope | 1.5 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 170 | *Eucalyptus bicostata* | 5.04 | Bushfire/Envelope | 2.49 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 171 | *Acacia sp.* | 2 | Bushfire/Envelope | 1.72 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 172 | *Eucalyptus bicostata* | 5.88 | Bushfire/Envelope | 2.71 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 173 | *Eucalyptus bicostata* | 5.52 | Bushfire/Envelope | 2.65 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 175 | *Eucalyptus bicostata* | 3.84 | Bushfire/Envelope | 2.23 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 177 | *Dodonaea viscosa* | 2 | Bushfire/Envelope | 1.5 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 178 | *Eucalyptus bicostata* | 5.76 | Bushfire/Envelope | 2.65 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 179 | *Eucalyptus bicostata* | 8.88 | Bushfire/Envelope | 3.12 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 180 | *Banksia integrifolia* | 2.76 | Bushfire/Envelope | 2.02 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 181 | *Callistemon sp.* | 2 | Bushfire/Envelope | 1.65 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 182 | *Eucalyptus bicostata* | 5.64 | Bushfire/Envelope | 2.59 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 184 | *Eucalyptus bicostata* | 6.96 | Bushfire/Envelope | 3 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 187 | *Eucalyptus bicostata* | 5.76 | Bushfire/Envelope | 2.53 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 189 | *Eucalyptus bicostata* | 7.44 | Bushfire/Envelope | 2.92 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 191 | *Eucalyptus bicostata* | 10.68 | Bushfire/Envelope | 3.44 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 193 | *Eucalyptus bicostata* | 6.96 | Bushfire/Envelope | 2.88 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 194 | *Eucalyptus bicostata* | 9.36 | Bushfire/Envelope | 3.42 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 195 | *N/A* | 2 | Bushfire/Envelope | 1.5 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 196 | *Eucalyptus bicostata* | 5.31 | Bushfire/Envelope | 2.71 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 198 | *N/A* | 3 | Bushfire/Envelope | | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 199 | *Eucalyptus bicostata* | 2.28 | Bushfire/Envelope | 1.85 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 200 | *N/A* | 2 | Bushfire/Envelope | 1.61 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 333 | *Pittosporum undulatum* | 2 | Bushfire/Envelope | 1.72 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 334 | *N/A* | 2 | Bushfire/Envelope | 1.5 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 335 | *Pittosporum undulatum* | 2 | Bushfire/Envelope | 1.5 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Onsite | 336 | *Cordyline australis* | 2 | Bushfire/Envelope | N/A | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |

email: info@melbournetreecare.com.au
web: www.melbournetreecare.com.au

© Melbourne Tree Care P.L
This document may not be reproduced without permission.

| Location | Tree Id | Botanical Name | NRZ Radius (m) | NRZ Encroachment | SRZ Radius (m) | SRZ Encroachment | Encroachment Part(s) | Encroachment Class | Retention Status |
|---|---|---|---|---|---|---|---|---|---|
| Onsite | 337 | *Ficus carica* | 2 | None | 1.68 | None | None | None | Retain |
| Neighbouring property | 338 | *Myoporum insulare* | 2 | <1% | 1.68 | <1% | Fence | Major | Retain |
| Onsite | 339 | *Callistemon sp.* | 2 | Bushfire/Envelope | 1.5 | Bushfire/Envelope | Bushfire/Envelope | Major | Remove |
| Neighbouring property | 340 | *N/A* | 2 | <1% | 1.5 | <1% | Fence | Major | Retain |
| Neighbouring property | 341 | *Eucalyptus bicostata* | 6 | 10.53% | 2.67 | <1% | Fence, Car Park, Cabin, Site Cut | Major | Retain |
| Neighbouring property | 342 | *Eucalyptus bicostata* | 6.6 | 11.04% | 2.47 | <1% | Fence, Car Park, Cabin, Site Cut | Major | Retain |
| Neighbouring property | 343 | *Banksia marginata* | 2 | <1% | 1.75 | <1% | Fence | Major | Retain |
| Neighbouring property | 344 | *Allocasuarina verticillata* | 2.76 | <1% | 2 | <1% | Fence | Major | Retain |
| Neighbouring property | 345 | *Banksia marginata* | 2.52 | <1% | 1.91 | <1% | Fence | Major | Retain |
| Neighbouring property | 346 | *Eucalyptus bicostata* | 9 | 11.12% | 3.15 | <1% | Fence, Car Park, Cabin, Site Cut | Major | Retain |
| Neighbouring property | 347 | *Allocasuarina verticillata* | 4.8 | <1% | 2.41 | <1% | Fence | Major | Retain |
| Neighbouring property | 348 | *Allocasuarina verticillata* | 5.4 | <1% | 2.53 | <1% | Fence, Cabin | Major | Retain |
| Neighbouring property | 349 | *N/A* | 2 | <1% | 1.5 | <1% | Fence | Major | Retain |
| Neighbouring property | 350 | *Banksia marginata* | 4.8 | <1% | 2.57 | <1% | Fence | Major | Retain |
| Neighbouring property | 351 | *Banksia marginata* | 3.6 | None | 2.18 | None | None | None | Retain |
| Neighbouring property | 352 | *Eucalyptus conferruminata* | 3.12 | None | 2.05 | None | None | None | Retain |



© Melbourne Tree Care P.L
This document may not be reproduced without permission.

# DETAIL SITE PLAN @1:200 - Site cut detail and retaining wall


PROPOSED NON-COMBUSTABLE FENCE 2.1M HIGH
(54m)
FIRE RATED
NON-COMBUSTABLE DRIVAGE EASEMENT
RETAINING WALL 400-600mm High
Root sensitive footings within TPZ of retained trees as per Arboricultural Impact Assessment prepared by Melbourne Tree Care Dated 28/10/2025
PLAYGROUND
SPOON
W/BOARD CABIN
W/BOARD CABIN
W/BOARD CABIN
SITE CUT 200-400mm Maximum
Surefoot Anchor Layout
LEGEND
ELEC. PIT
ELEC. LIGHT POLE
ELEC. POLE
ELEC. SUB STATION
SEWER PIT
ELEC. PIT
FIRE HYDRANT
BUILDING FOOTPRINT
FIRE PLUG
STOP VALVE
GRATED PIT
JUNCTION PIT
SIDE ENTRY PIT
WATER METER
WATER TANK
EAVE FOOTPRINT
ELECTROLYSIS PIT
ELEC. OHEAD
SWALE/ SHOOM DRAIN
TIMBER RET. WALL
BITUMEN TRACK
GRAVEL TRACK
CONTOURS 0.25m
PHOTOS
DETAIL SITE PLAN @1:200 - Site cut detail and retaining wall
DRAWN BY: LUKE HELLINGS
Title Info: VOL 9865 FOL 879 (LOT 1 ON TP215605Q) VOL 8082 FOL 326 (LOT 1 ON LP76800)
Drawing SCALE: 1:200 @ A1
Project Ref: 17762
Sheet No: 10/11
Rev: G
SCALE 0 5 10 15 20 25 LENGTH IN METRES
Rev Description Date By Appr
01 INITIAL PLAN DRAFTED 20/10/2025 LH LH
NOTATIONS
This plan is prepared from a combination of field survey and existing records for the purpose of designing new buildings and works. Boundaries are shown as interpreted from existing fences and other evidence on the ground and are not to be relied upon as accurate unless they have been re-established and marked by a licensed surveyor. Underground services shown hereon have been located where possible by field survey.
Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services. This note is an integral part of this plan.
Park Lane CONSTRUCTION
CFA General fire appliance
10m
Min. 6.2 m
Min. 4m
2.5m
Swept path
General fire appliance
Minimum 4.5 m
Min. 4m
Min. 4m
Min. 4

# Conclusion

A total of 68 individual trees or groups of trees were assessed to determine their impact in regard to proposed works within the subject site. The impact assessment has determined:

- Ten trees will not be impacted by the proposed development and can be retained.
- There will be a minor encroachment into the NRZ of one tree. It is likely that the proposed works will not impact the health or structural integrity of this tree.
- There will be encroachments into the NRZ and SRZ of 13 trees by the proposed fence. These trees can be retained if the footings are dug using minimally destructive methods methods (hand digging, air excavation, hydro excavation).
- A total of 44 trees are proposed removal for bushfire protection.

# Recommendations

- Footings where the NRZs and SRZs are encroached for trees 62, 338, 340-350 must be undertaken using minimally destructive methods (hand digging, air excavation, hydro excavation), and must be supervised by the project arborist.
- A tree protection specification (TPS) and a tree protection plan (TPP) will be required to ensure all retained trees remain viable during and after the proposed development.

email: info@melbournetreecare.com.au
web: www.melbournetreecare.com.au

© Melbourne Tree Care P.L
This document may not be reproduced without permission.

# Appendix A: Individual Tree Data

**Tree Id:** 62 **Location:** Onsite

**Botanical Name:** *Allocasuarina verticillata* **DSH (cm):** 36

**Common Name:** Drooping She Oak **DaB (cm):** 44

**Tree Height (m):** 8 **Canopy Spread (m):** 5

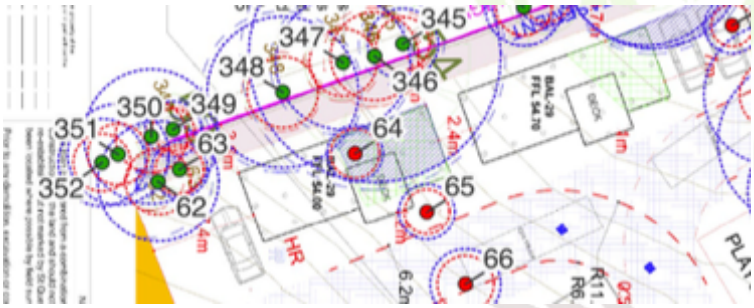
**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 4.32 **SRZ (m):** 2.34

**Observations:** Included codominant stems. In decline

**Encroachment:** Major **Retention Status:** Retain






**Tree Id:** 63 **Location:** Onsite

**Botanical Name:** *Banksia marginata* **DSH (cm):** 15

**Common Name:** Silver Banksia **DaB (cm):** 21

**Tree Height (m):** 5 **Canopy Spread (m):** 4

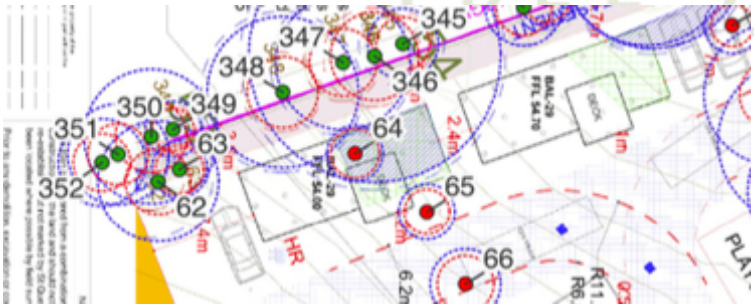
**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.72

**Observations:** Included codominant stems

**Encroachment:** None **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 64 **Location:** Onsite

**Botanical Name:** *Banksia marginata* **DSH (cm):** 16

**Common Name:** Silver Banksia **DaB (cm):** 22

**Tree Height (m):** 4 **Canopy Spread (m):** 3

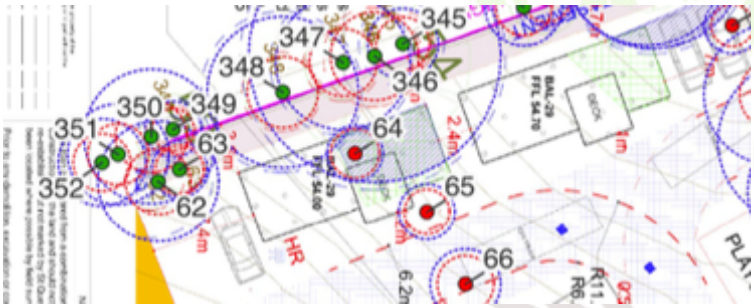
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** Medium **NRZ (m):** 2 **SRZ (m):** 1.75

**Observations:**

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 65 **Location:** Onsite

**Botanical Name:** *Melaleuca styphelioides* **DSH (cm):** 14

**Common Name:** Prickly Paperbark **DaB (cm):** 18

**Tree Height (m):** 7 **Canopy Spread (m):** 3

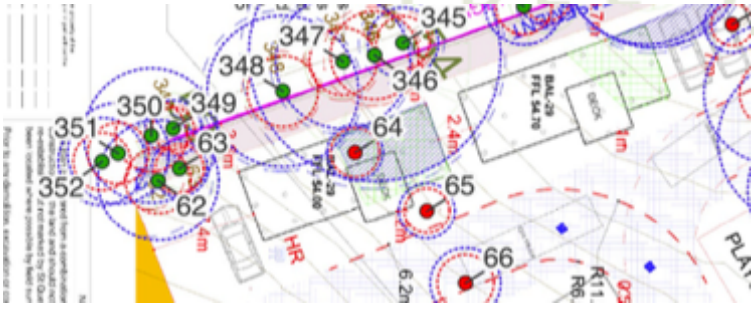
**Health:** Fair **Structure:** Fair

**Origin:** Aus. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.61

**Observations:**

**Encroachment:** Major **Retention Status:** Remove






email: info@melbournetreecare.com.au
web: www.melbournetreecare.com.au

© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 66 **Location:** Onsite

**Botanical Name:** *Melaleuca styphelioides* **DSH (cm):** 21

**Common Name:** Prickly Paperbark **DaB (cm):** 31

**Tree Height (m):** 7 **Canopy Spread (m):** 3

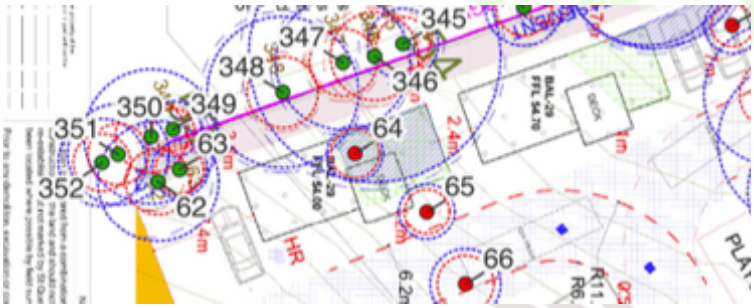
**Health:** Fair **Structure:** Poor

**Origin:** Aus. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2.52 **SRZ (m):** 2.02

**Observations:** Included codominant stems

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 68 **Location:** Onsite

**Botanical Name:** *Melaleuca styphelioides* **DSH (cm):** 13

**Common Name:** Prickly Paperbark **DaB (cm):** 22

**Tree Height (m):** 8 **Canopy Spread (m):** 3

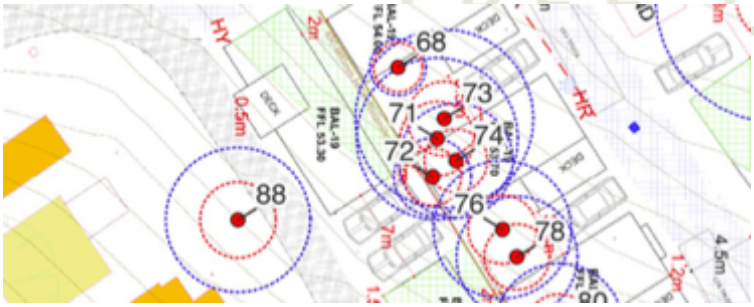
**Health:** Fair **Structure:** Fair

**Origin:** Aus. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.75

**Observations:** Wounds

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 71 **Location:** Onsite

**Botanical Name:** *Melaleuca styphelioides* **DSH (cm):** 48

**Common Name:** Prickly Paperbark **DaB (cm):** 59

**Tree Height (m):** 13 **Canopy Spread (m):** 8

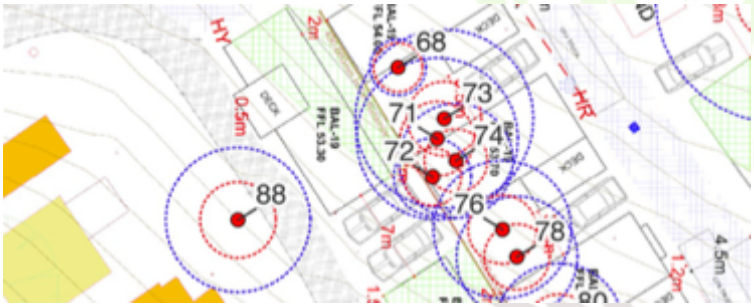
**Health:** Fair **Structure:** Poor

**Origin:** Aus. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 5.76 **SRZ (m):** 2.65

**Observations:** Included codominant stems.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 72 **Location:** Onsite

**Botanical Name:** *Hakea salicifolia* **DSH (cm):** 23

**Common Name:** Willow Hakea **DaB (cm):** 32

**Tree Height (m):** 8 **Canopy Spread (m):** 5

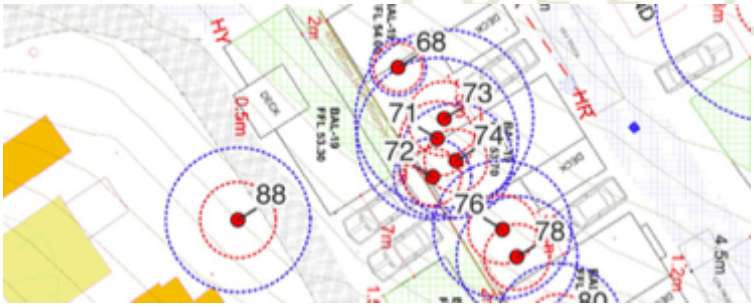
**Health:** Poor **Structure:** Fair

**Origin:** Aus. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2.76 **SRZ (m):** 2.05

**Observations:** Weed species

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 73 **Location:** Onsite

**Botanical Name:** *Melaleuca styphelioides* **DSH (cm):** 53

**Common Name:** Prickly Paperbark **DaB (cm):** 59

**Tree Height (m):** 12 **Canopy Spread (m):** 6

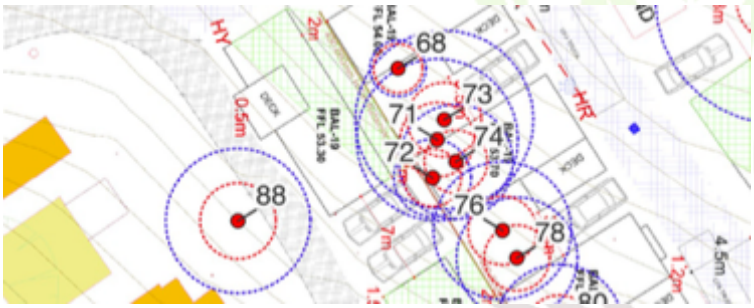
**Health:** Fair **Structure:** Poor

**Origin:** Aus. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 6.36 **SRZ (m):** 2.65

**Observations:** Included codominant stems.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 74 **Location:** Onsite

**Botanical Name:** *Melaleuca styphelioides* **DSH (cm):** 34

**Common Name:** Prickly Paperbark **DaB (cm):** 40

**Tree Height (m):** 11 **Canopy Spread (m):** 4

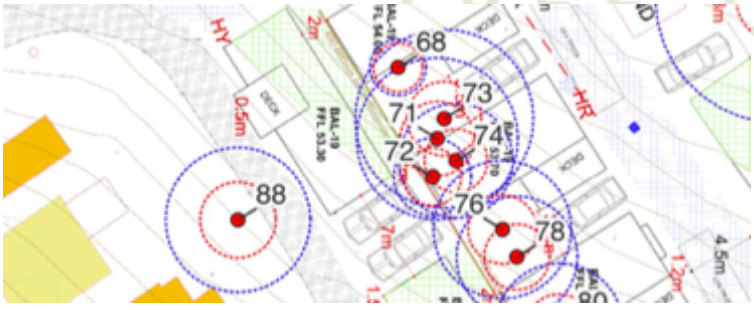
**Health:** Fair **Structure:** Poor

**Origin:** Aus. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 4.08 **SRZ (m):** 2.25

**Observations:** Included codominant stems.

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 76 **Location:** Onsite

**Botanical Name:** *Melaleuca styphelioides* **DSH (cm):** 41

**Common Name:** Prickly Paperbark **DaB (cm):** 49

**Tree Height (m):** 10 **Canopy Spread (m):** 5

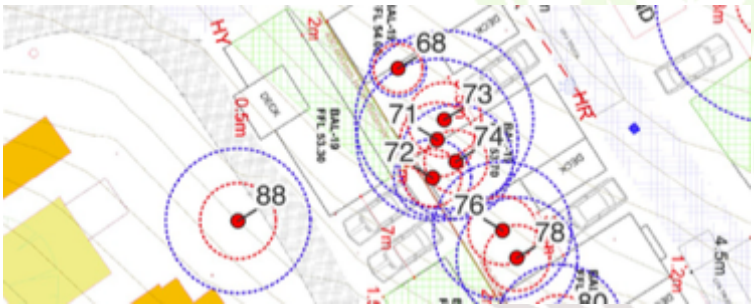
**Health:** Fair **Structure:** Poor

**Origin:** Aus. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 4.92 **SRZ (m):** 2.45

**Observations:** Included codominant stems.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 78 **Location:** Onsite

**Botanical Name:** *Melaleuca styphelioides* **DSH (cm):** 36

**Common Name:** Prickly Paperbark **DaB (cm):** 44

**Tree Height (m):** 10 **Canopy Spread (m):** 5

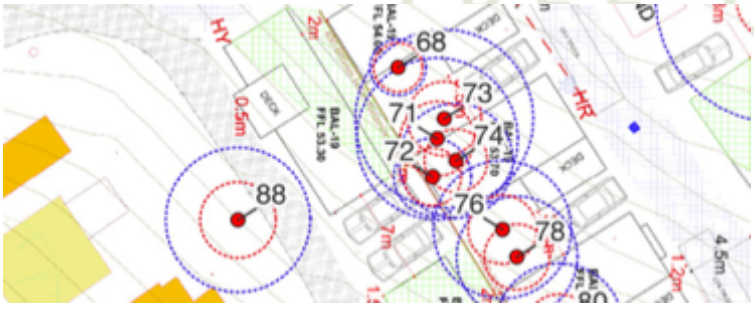
**Health:** Fair **Structure:** Poor

**Origin:** Aus. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 4.32 **SRZ (m):** 2.34

**Observations:** Included codominant stems.

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 80 **Location:** Onsite

**Botanical Name:** *Melaleuca styphelioides* **DSH (cm):** 38

**Common Name:** Prickly Paperbark **DaB (cm):** 45

**Tree Height (m):** 11 **Canopy Spread (m):** 5

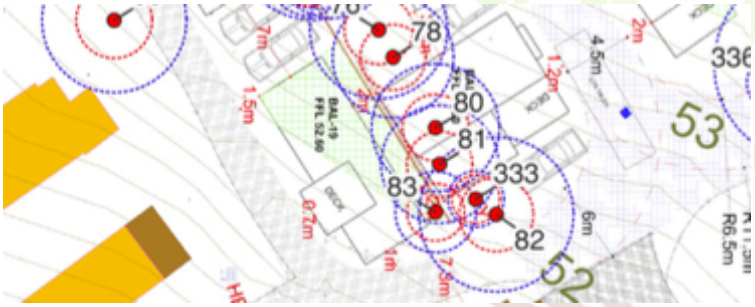
**Health:** Fair **Structure:** Poor

**Origin:** Aus. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 4.56 **SRZ (m):** 2.37

**Observations:** Included codominant stems.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 81 **Location:** Onsite

**Botanical Name:** *Acacia floribunda* **DSH (cm):** 35

**Common Name:** Catkin Wattle **DaB (cm):** 44

**Tree Height (m):** 11 **Canopy Spread (m):** 7

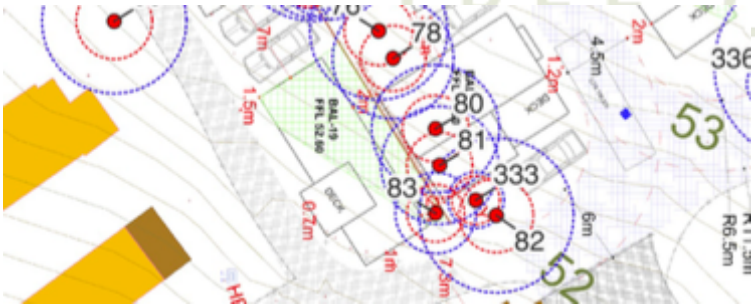
**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 4.2 **SRZ (m):** 2.34

**Observations:** Included codominant stems

**Encroachment:** Major **Retention Status:** Remove






email: info@melbournetreecare.com.au
web: www.melbournetreecare.com.au

© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 82 **Location:** Onsite

**Botanical Name:** *Banksia marginata* **DSH (cm):** 46

**Common Name:** Silver Banksia **DaB (cm):** 59

**Tree Height (m):** 11 **Canopy Spread (m):** 8

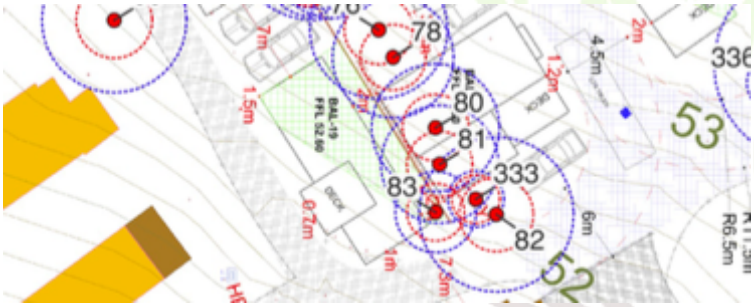
**Health:** Poor **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 5.52 **SRZ (m):** 2.65

**Observations:** Acute codominant stems. In decline

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 83 **Location:** Onsite

**Botanical Name:** *Hesperocyparis macrocarpa* **DSH (cm):** 24

**Common Name:** Monterey Cypress **DaB (cm):** 32

**Tree Height (m):** 8 **Canopy Spread (m):** 5

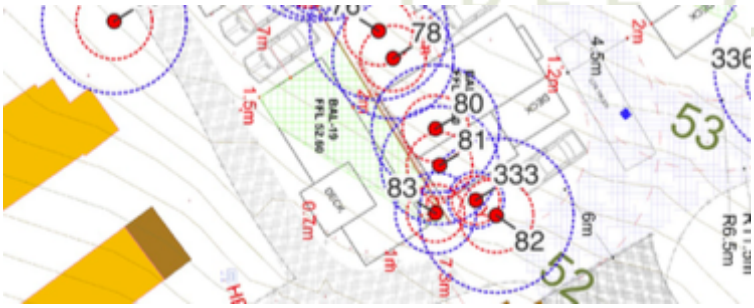
**Health:** Good **Structure:** Fair

**Origin:** Exotic **Age:** Mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2.88 **SRZ (m):** 2.05

**Observations:**

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 88 **Location:** Onsite

**Botanical Name:** *Banksia marginata* **DSH (cm):** 43

**Common Name:** Silver Banksia **DaB (cm):** 62

**Tree Height (m):** 9 **Canopy Spread (m):** 5

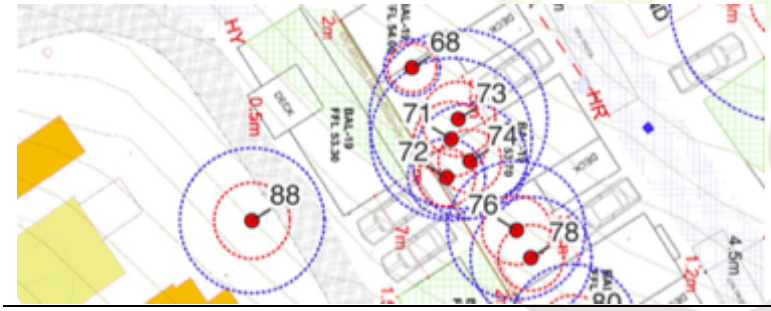
**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 5.16 **SRZ (m):** 2.71

**Observations:** Acute codominant stems. Wounds. Extensive decay

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 150 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 93

**Common Name:** Eurabbie **DaB (cm):** 110

**Tree Height (m):** 23 **Canopy Spread (m):** 11

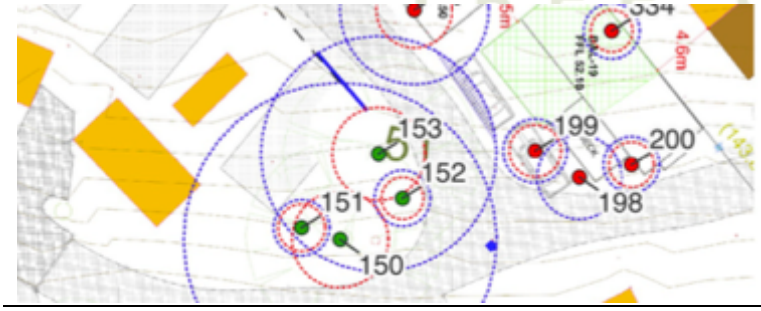
**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** High **NRZ (m):** 11.16 **SRZ (m):** 3.44

**Observations:** Wounds. Previous failures. Swelling on main stem. Hollows. Bird damage.

**Encroachment:** None **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 151 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 15

**Common Name:** Eurabbie **DaB (cm):** 20

**Tree Height (m):** 8 **Canopy Spread (m):** 2

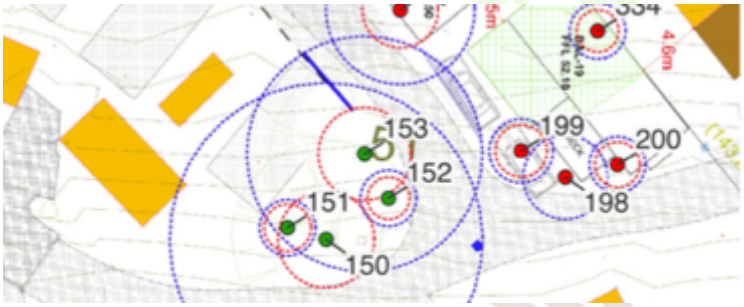
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.68

**Observations:** Group of trees

**Encroachment:** None **Retention Status:** Retain






**Tree Id:** 152 **Location:** Onsite

**Botanical Name:** *Melaleuca sp.* **DSH (cm):** 10

**Common Name:** Paperbark **DaB (cm):** 15

**Tree Height (m):** 3 **Canopy Spread (m):** 2

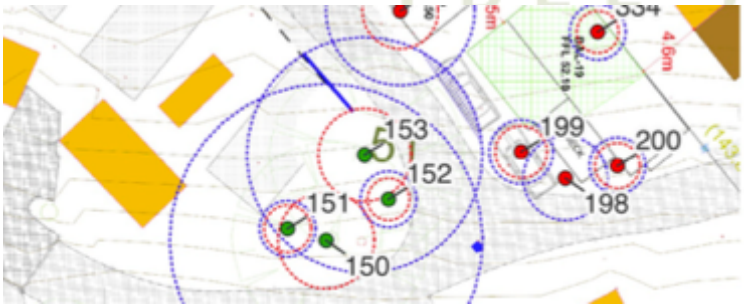
**Health:** Fair **Structure:** Fair

**Origin:** Aus. Native **Age:** Mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Group of trees

**Encroachment:** None **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 153 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 70

**Common Name:** Eurabbie **DaB (cm):** 100

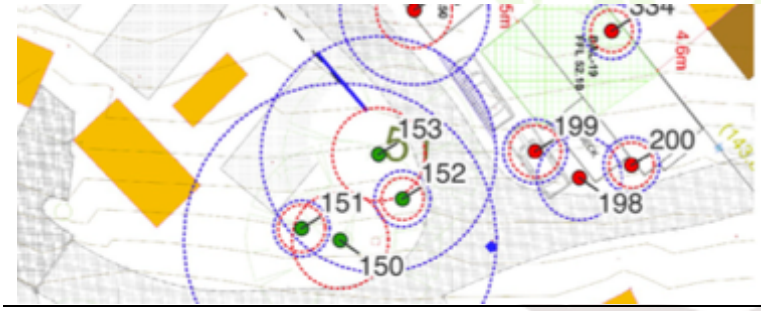
**Tree Height (m):** 21 **Canopy Spread (m):** 11

**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** High **NRZ (m):** 8.4 **SRZ (m):** 3.31

**Observations:** Wounds. Previous failures. Hollows in main stem. Leaning.
**Encroachment:** Minor **Retention Status:** Retain






**Tree Id:** 162 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 78

**Common Name:** Eurabbie **DaB (cm):** 94

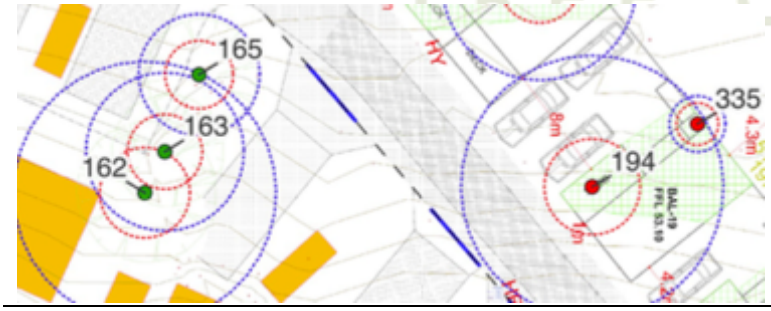
**Tree Height (m):** 22 **Canopy Spread (m):** 11

**Health:** Good **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** High **NRZ (m):** 9.36 **SRZ (m):** 3.22

**Observations:** Large wounds in upper canopy. Hollows. Exudates. Included branch attachments. Extensive decay.
**Encroachment:** None **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 163 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 47

**Common Name:** Eurabbie **DaB (cm):** 60

**Tree Height (m):** 16 **Canopy Spread (m):** 8

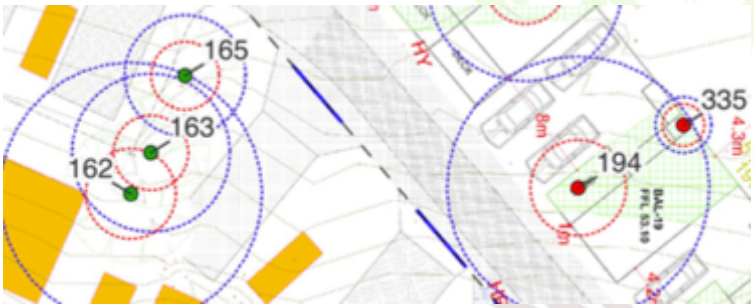
**Health:** Good **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** Medium **NRZ (m):** 5.64 **SRZ (m):** 2.67

**Observations:**

**Encroachment:** None **Retention Status:** Retain






**Tree Id:** 165 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 36

**Common Name:** Eurabbie **DaB (cm):** 48

**Tree Height (m):** 15 **Canopy Spread (m):** 6

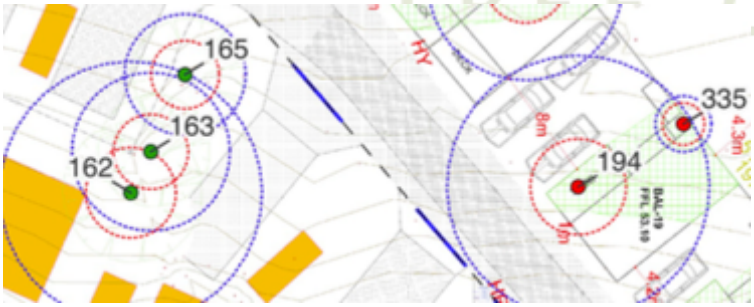
**Health:** Good **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** Medium **NRZ (m):** 4.32 **SRZ (m):** 2.43

**Observations:**

**Encroachment:** None **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 168 **Location:** Onsite

**Botanical Name:** *Banksia integrifolia* **DSH (cm):** 10

**Common Name:** Coast Banksia **DaB (cm):** 15

**Tree Height (m):** 6 **Canopy Spread (m):** 2

**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Group of trees

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 169 **Location:** Onsite

**Botanical Name:** *Callistemon viminalis* **DSH (cm):** 5

**Common Name:** Weeping Bottle Brush **DaB (cm):** 10

**Tree Height (m):** 3 **Canopy Spread (m):** 2

**Health:** Fair **Structure:** Poor

**Origin:** Aus. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Group of trees. In decline. Previous failures

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 170 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 42

**Common Name:** Eurabbie **DaB (cm):** 51

**Tree Height (m):** 17 **Canopy Spread (m):** 7

**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** High **NRZ (m):** 5.04 **SRZ (m):** 2.49

**Observations:** Wounds. Exudates

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 171 **Location:** Onsite

**Botanical Name:** *Acacia sp.* **DSH (cm):** 15

**Common Name:** Wattle **DaB (cm):** 21

**Tree Height (m):** 5 **Canopy Spread (m):** 4

**Health:** Poor **Structure:** Poor

**Origin:** Aus. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.72

**Observations:** Included codominant stems. In decline

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 172 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 49

**Common Name:** Eurabbie **DaB (cm):** 62

**Tree Height (m):** 20 **Canopy Spread (m):** 9

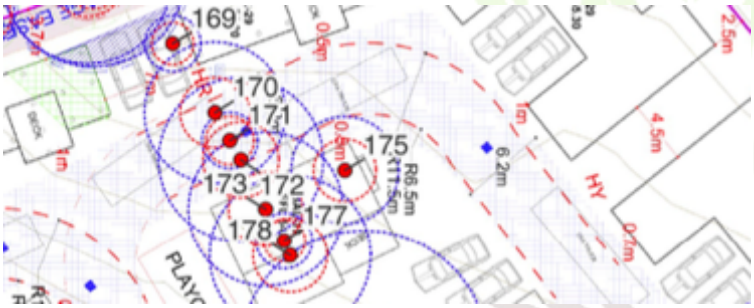
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** High **NRZ (m):** 5.88 **SRZ (m):** 2.71

**Observations:** Exudates. Wounds.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 173 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 46

**Common Name:** Eurabbie **DaB (cm):** 59

**Tree Height (m):** 22 **Canopy Spread (m):** 9

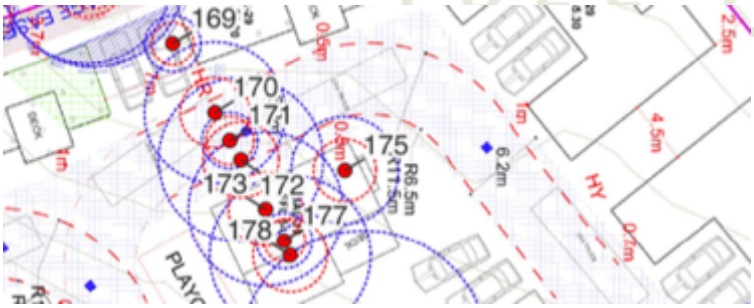
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** High **NRZ (m):** 5.52 **SRZ (m):** 2.65

**Observations:** Exudates.

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 175 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 32

**Common Name:** Eurabbie **DaB (cm):** 39

**Tree Height (m):** 15 **Canopy Spread (m):** 7

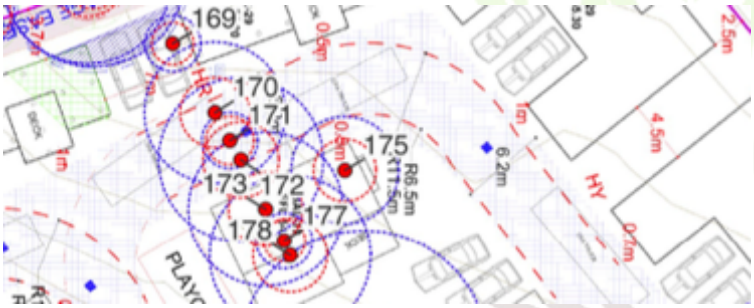
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** High **NRZ (m):** 3.84 **SRZ (m):** 2.23

**Observations:** Previous failures. Wounds. Swelling in main union

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 177 **Location:** Onsite

**Botanical Name:** *Dodonaea viscosa* **DSH (cm):** 10

**Common Name:** Hop Bush **DaB (cm):** 15

**Tree Height (m):** 4 **Canopy Spread (m):** 3

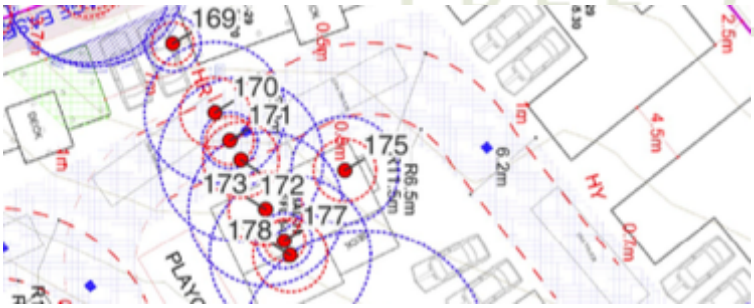
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Encroaching structure

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 178 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 48

**Common Name:** Eurabbie **DaB (cm):** 59

**Tree Height (m):** 23 **Canopy Spread (m):** 13

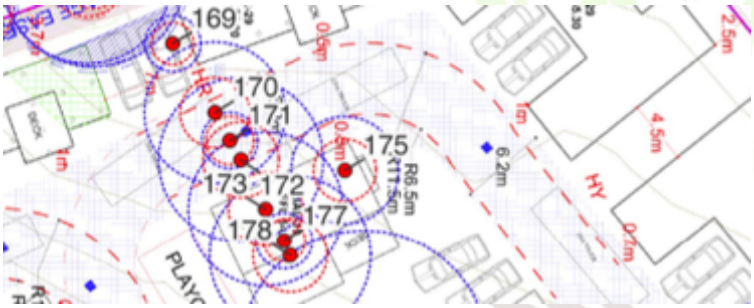
**Health:** Good **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** High **NRZ (m):** 5.76 **SRZ (m):** 2.65

**Observations:** Exudates. Damages surface roots.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 179 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 74

**Common Name:** Eurabbie **DaB (cm):** 87

**Tree Height (m):** 20 **Canopy Spread (m):** 15

**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** High **NRZ (m):** 8.88 **SRZ (m):** 3.12

**Observations:** Exudates. Damaged surface roots.

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 180 **Location:** Onsite

**Botanical Name:** *Banksia integrifolia* **DSH (cm):** 23

**Common Name:** Coast Banksia **DaB (cm):** 31

**Tree Height (m):** 9 **Canopy Spread (m):** 3

**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Medium **NRZ (m):** 2.76 **SRZ (m):** 2.02

**Observations:**

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 181 **Location:** Onsite

**Botanical Name:** *Callistemon sp.* **DSH (cm):** 13

**Common Name:** Bottle Brush **DaB (cm):** 19

**Tree Height (m):** 6 **Canopy Spread (m):** 3

**Health:** Good **Structure:** Fair

**Origin:** Aus. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.65

**Observations:** Poor location

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 182 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 47

**Common Name:** Eurabbie **DaB (cm):** 56

**Tree Height (m):** 15 **Canopy Spread (m):** 7

**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** High **NRZ (m):** 5.64 **SRZ (m):** 2.59

**Observations:** Acute codominant stems

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 184 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 58

**Common Name:** Eurabbie **DaB (cm):** 79

**Tree Height (m):** 16 **Canopy Spread (m):** 11

**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** Medium **NRZ (m):** 6.96 **SRZ (m):** 3

**Observations:** Exudates in main union. Wounds. Bird damage.

**Encroachment:** Major **Retention Status:** Remove





© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 187 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 48

**Common Name:** Eurabbie **DaB (cm):** 53

**Tree Height (m):** 14 **Canopy Spread (m):** 7

**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** Medium **NRZ (m):** 5.76 **SRZ (m):** 2.53

**Observations:** Exudates. Compaction

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 189 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 62

**Common Name:** Eurabbie **DaB (cm):** 74

**Tree Height (m):** 19 **Canopy Spread (m):** 10

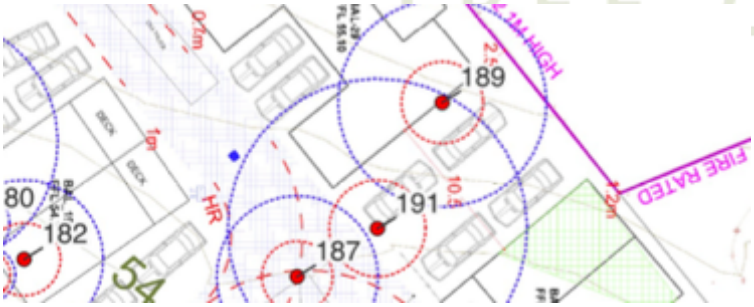
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** High **NRZ (m):** 7.44 **SRZ (m):** 2.92

**Observations:** Wounds. Exudates

**Encroachment:** Major **Retention Status:** Remove






email: info@melbournetreecare.com.au
web: www.melbournetreecare.com.au

© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 191 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 89

**Common Name:** Eurabbie **DaB (cm):** 110

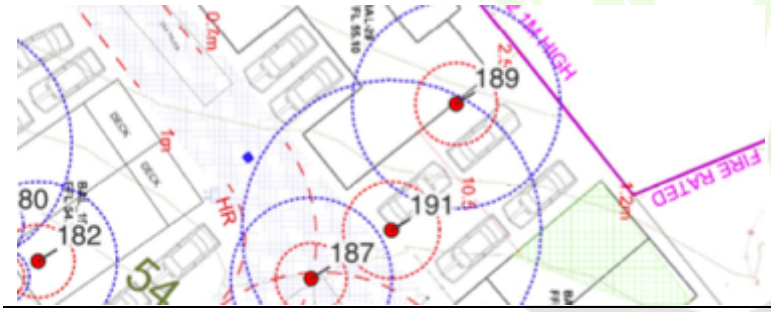
**Tree Height (m):** 22 **Canopy Spread (m):** 11

**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** High **NRZ (m):** 10.68 **SRZ (m):** 3.44

**Observations:** Wounds in upper canopy. Large epicormic branches. Previously lopped
**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 193 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 58

**Common Name:** Eurabbie **DaB (cm):** 72

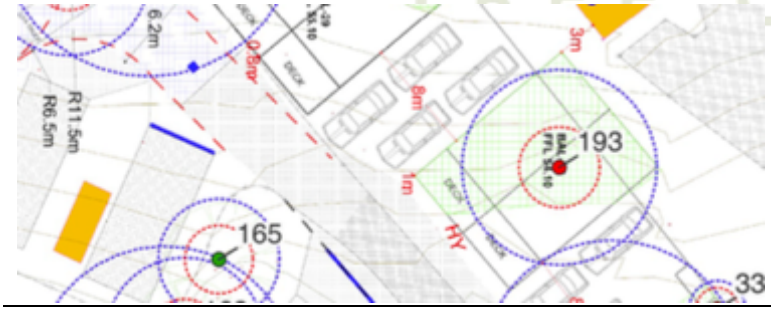
**Tree Height (m):** 15 **Canopy Spread (m):** 8

**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Medium **NRZ (m):** 6.96 **SRZ (m):** 2.88

**Observations:** Large hollow in main stem. Previously lopped. Large epicormic branches. Wounds
**Encroachment:** Major **Retention Status:** Remove






email: info@melbournetreecare.com.au
web: www.melbournetreecare.com.au

© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 194 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 78

**Common Name:** Eurabbie **DaB (cm):** 108

**Tree Height (m):** 22 **Canopy Spread (m):** 10

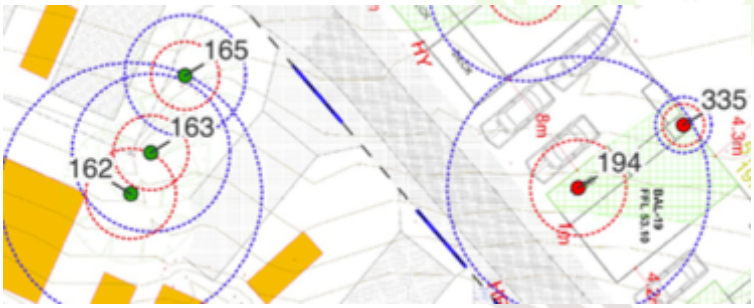
**Health:** Good **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** High **NRZ (m):** 9.36 **SRZ (m):** 3.42

**Observations:** Wounds in upper canopy. Hollows on main stem

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 195 **Location:** Onsite

**Botanical Name:** *N/A* **DSH (cm):** 10

**Common Name:** Mixed Species **DaB (cm):** 15

**Tree Height (m):** 5 **Canopy Spread (m):** 2

**Health:** Fair **Structure:** Fair

**Origin:** Mixed **Age:** Semi mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Group of trees.

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 196 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 44.23

**Common Name:** Eurabbie **DaB (cm):** 62

**Tree Height (m):** 14 **Canopy Spread (m):** 6

**Health:** Good **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Medium **NRZ (m):** 5.31 **SRZ (m):** 2.71

**Observations:** Regrowth from old stump. Acute codominant stems.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 198 **Location:** Onsite

**Botanical Name:** *N/A* **DSH (cm):** 35

**Common Name:** Mixed Species **DaB (cm):**

**Tree Height (m):** 10 **Canopy Spread (m):** 4

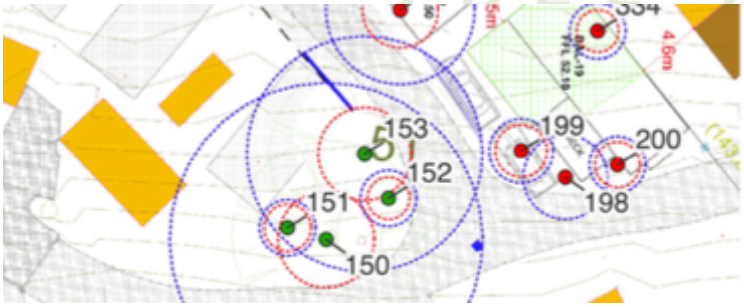
**Health:** Fair **Structure:** Good

**Origin:** Exotic **Age:** Mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 3 **SRZ (m):**

**Observations:** Group of palms. Encroaching structure

**Encroachment:** Major **Retention Status:** Remove






email: info@melbournetreecare.com.au
web: www.melbournetreecare.com.au

© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 199 **Location:** Onsite

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 19

**Common Name:** Eurabbie **DaB (cm):** 25

**Tree Height (m):** 13 **Canopy Spread (m):** 5

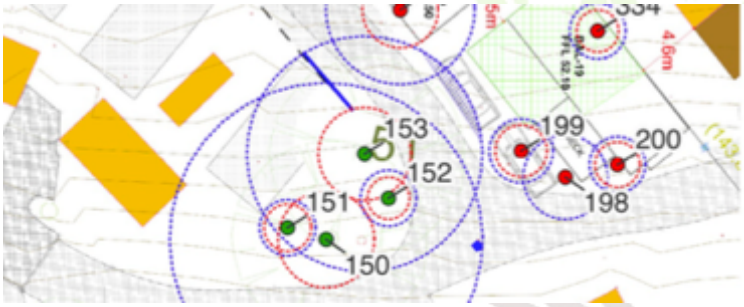
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Medium **NRZ (m):** 2.28 **SRZ (m):** 1.85

**Observations:** Exudates

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 200 **Location:** Onsite

**Botanical Name:** *N/A* **DSH (cm):** 14

**Common Name:** Mixed Species **DaB (cm):** 18

**Tree Height (m):** 4 **Canopy Spread (m):** 2

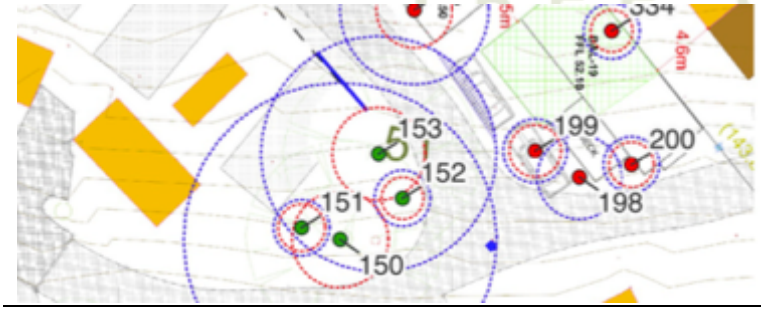
**Health:** Fair **Structure:** Fair

**Origin:** Aus. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.61

**Observations:** Group of trees Callistemon. Cypress. Pittosporum. Callistemon in decline

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 333 **Location:** Onsite

**Botanical Name:** *Pittosporum undulatum* **DSH (cm):** 15

**Common Name:** Sweet Pittosporum **DaB (cm):** 21

**Tree Height (m):** 7 **Canopy Spread (m):** 3

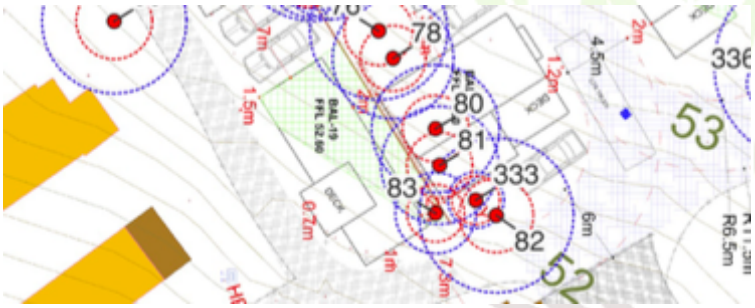
**Health:** Good **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.72

**Observations:** Group x2. Weed species. Encroaching structure.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 334 **Location:** Onsite

**Botanical Name:** *N/A* **DSH (cm):** 10

**Common Name:** Mixed Species **DaB (cm):** 15

**Tree Height (m):** 5 **Canopy Spread (m):** 2

**Health:** Fair **Structure:** Fair

**Origin:** Mixed **Age:** Semi mature **ULE:** Medium

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Group of trees along fence line.

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 335 **Location:** Onsite

**Botanical Name:** *Pittosporum undulatum* **DSH (cm):** 10

**Common Name:** Sweet Pittosporum **DaB (cm):** 15

**Tree Height (m):** 4 **Canopy Spread (m):** 3

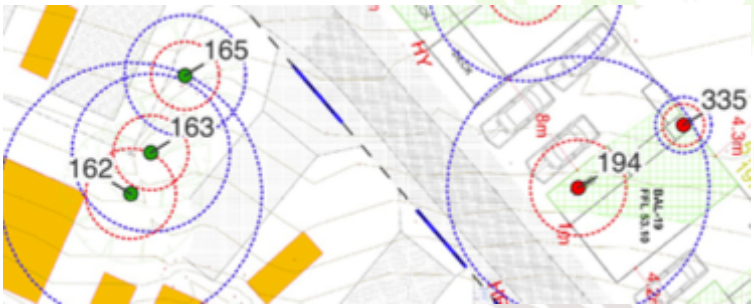
**Health:** Good **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Poor location. Weed species.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 336 **Location:** Onsite

**Botanical Name:** *Cordyline australis* **DSH (cm):** 10

**Common Name:** Cabbage Tree **DaB (cm):** N/A

**Tree Height (m):** 4 **Canopy Spread (m):** 2

**Health:** Fair **Structure:** Poor

**Origin:** Exotic **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** N/A

**Observations:** Decay

**Encroachment:** Major **Retention Status:** Remove








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 337 **Location:** Onsite

**Botanical Name:** *Ficus carica* **DSH (cm):** 15

**Common Name:** Common Fig **DaB (cm):** 20

**Tree Height (m):** 4 **Canopy Spread (m):** 3

**Health:** Fair **Structure:** Fair

**Origin:** Exotic **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.68

**Observations:**

**Encroachment:** None **Retention Status:** Retain






**Tree Id:** 338 **Location:** Neighbouring property

**Botanical Name:** *Myoporum insulare* **DSH (cm):** 10

**Common Name:** Boobialla **DaB (cm):** 20

**Tree Height (m):** 3 **Canopy Spread (m):** 5

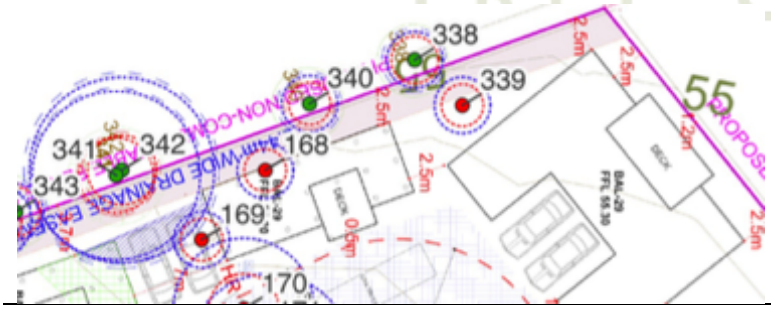
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Third Party **NRZ (m):** 2 **SRZ (m):** 1.68

**Observations:**

**Encroachment:** Major **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 339 **Location:** Onsite

**Botanical Name:** *Callistemon sp.* **DSH (cm):** 10

**Common Name:** Bottle Brush **DaB (cm):** 15

**Tree Height (m):** 2 **Canopy Spread (m):** 1

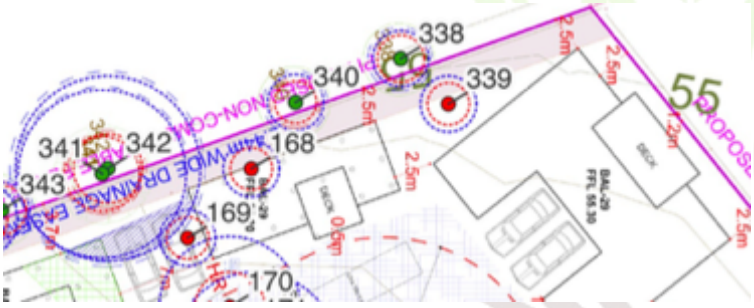
**Health:** Fair **Structure:** Poor

**Origin:** Aus. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Low **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Group of trees.

**Encroachment:** Major **Retention Status:** Remove






**Tree Id:** 340 **Location:** Neighbouring property

**Botanical Name:** *N/A* **DSH (cm):** 10

**Common Name:** Mixed Species **DaB (cm):** 15

**Tree Height (m):** 3 **Canopy Spread (m):** 2

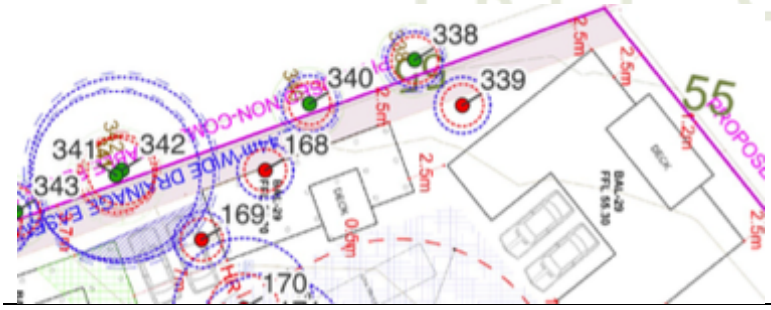
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Third Party **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Group of trees.

**Encroachment:** Major **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 341 **Location:** Neighbouring property

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 50

**Common Name:** Eurabbie **DaB (cm):** 60

**Tree Height (m):** 14 **Canopy Spread (m):** 12

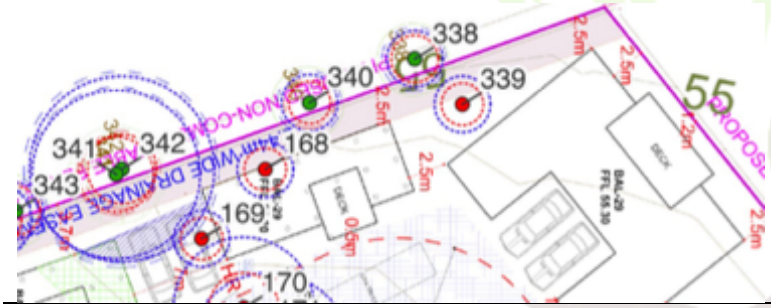
**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Third Party **NRZ (m):** 6 **SRZ (m):** 2.67

**Observations:** Included codominant stems

**Encroachment:** Major **Retention Status:** Retain






**Tree Id:** 342 **Location:** Neighbouring property

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 55

**Common Name:** Eurabbie **DaB (cm):** 66

**Tree Height (m):** 3 **Canopy Spread (m):** 3

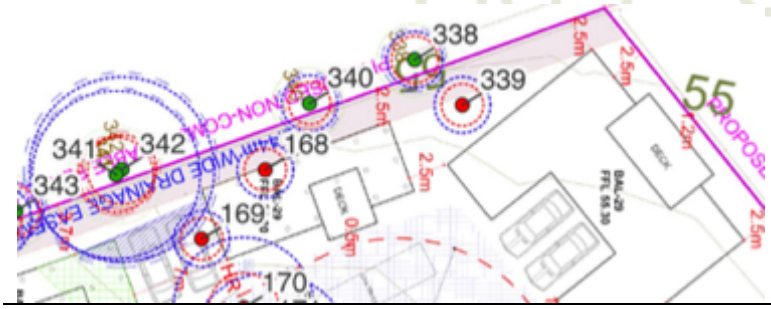
**Health:** Poor **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Third Party **NRZ (m):** 6.6 **SRZ (m):** 2.47

**Observations:** Previously reduced.

**Encroachment:** Major **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 343 **Location:** Neighbouring property

**Botanical Name:** *Banksia marginata* **DSH (cm):** 15

**Common Name:** Silver Banksia **DaB (cm):** 22

**Tree Height (m):** 5 **Canopy Spread (m):** 3

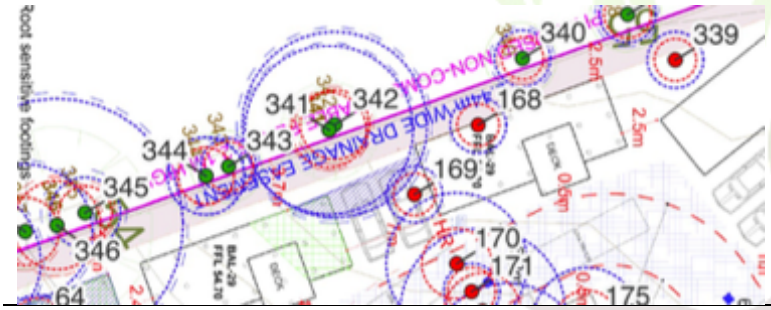
**Health:** Good **Structure:** Good

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Third Party **NRZ (m):** 2 **SRZ (m):** 1.75

**Observations:**

**Encroachment:** Major **Retention Status:** Retain






**Tree Id:** 344 **Location:** Neighbouring property

**Botanical Name:** *Allocasuarina verticillata* **DSH (cm):** 23

**Common Name:** Drooping She Oak **DaB (cm):** 30

**Tree Height (m):** 8 **Canopy Spread (m):** 5

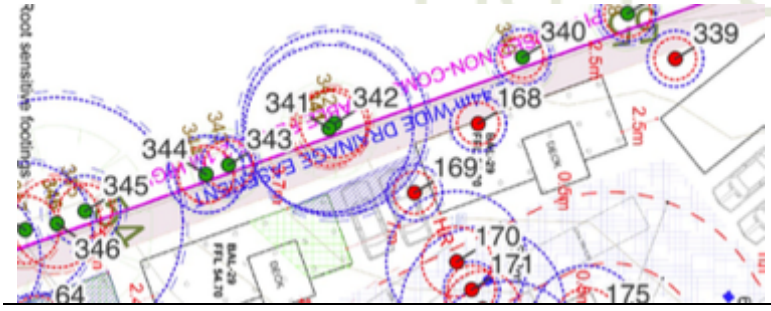
**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Third Party **NRZ (m):** 2.76 **SRZ (m):** 2

**Observations:**

**Encroachment:** Major **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 345 **Location:** Neighbouring property

**Botanical Name:** *Banksia marginata* **DSH (cm):** 21

**Common Name:** Silver Banksia **DaB (cm):** 27

**Tree Height (m):** 8 **Canopy Spread (m):** 3

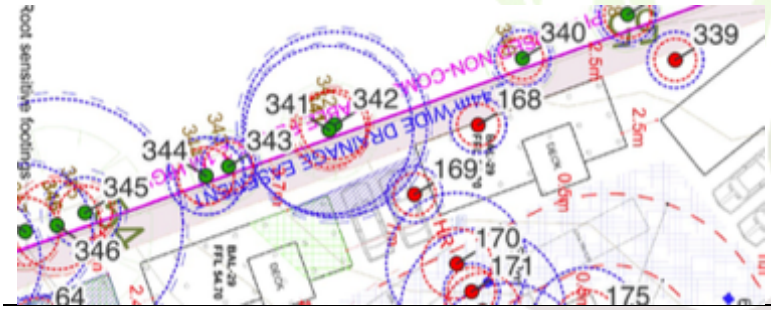
**Health:** Good **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Third Party **NRZ (m):** 2.52 **SRZ (m):** 1.91

**Observations:**

**Encroachment:** Major **Retention Status:** Retain






**Tree Id:** 346 **Location:** Neighbouring property

**Botanical Name:** *Eucalyptus bicostata* **DSH (cm):** 75

**Common Name:** Eurabbie **DaB (cm):** 89

**Tree Height (m):** 15 **Canopy Spread (m):** 11

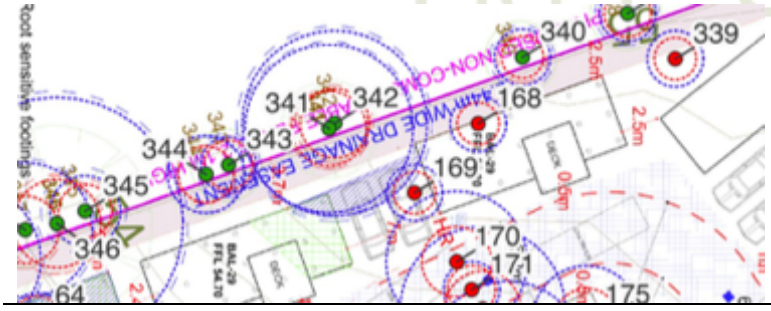
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** Third Party **NRZ (m):** 9 **SRZ (m):** 3.15

**Observations:** Exudates

**Encroachment:** Major **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 347 **Location:** Neighbouring property

**Botanical Name:** *Allocasuarina verticillata* **DSH (cm):** 40

**Common Name:** Drooping She Oak **DaB (cm):** 47

**Tree Height (m):** 9 **Canopy Spread (m):** 7

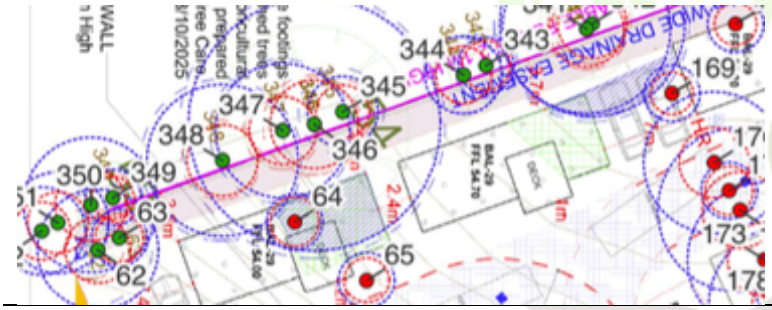
**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Third Party **NRZ (m):** 4.8 **SRZ (m):** 2.41

**Observations:** Included codominant stems

**Encroachment:** Major **Retention Status:** Retain






**Tree Id:** 348 **Location:** Neighbouring property

**Botanical Name:** *Allocasuarina verticillata* **DSH (cm):** 45

**Common Name:** Drooping She Oak **DaB (cm):** 53

**Tree Height (m):** 9 **Canopy Spread (m):** 8

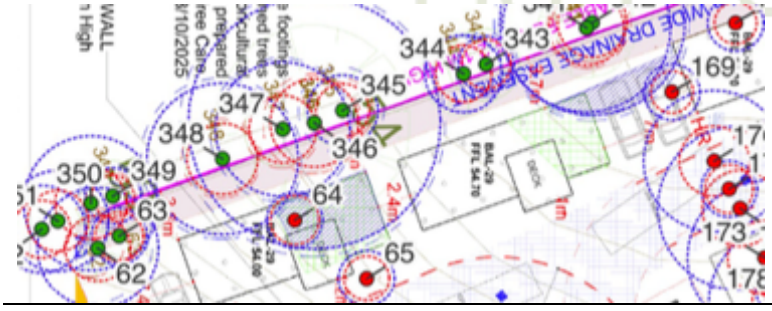
**Health:** Fair **Structure:** Poor

**Origin:** Vic. Native **Age:** Mature **ULE:** Short

**Retention Value:** Third Party **NRZ (m):** 5.4 **SRZ (m):** 2.53

**Observations:** Included codominant stems

**Encroachment:** Major **Retention Status:** Retain








© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 349 **Location:** Neighbouring property

**Botanical Name:** *N/A* **DSH (cm):** 10

**Common Name:** Mixed Species **DaB (cm):** 15

**Tree Height (m):** 3 **Canopy Spread (m):** 2

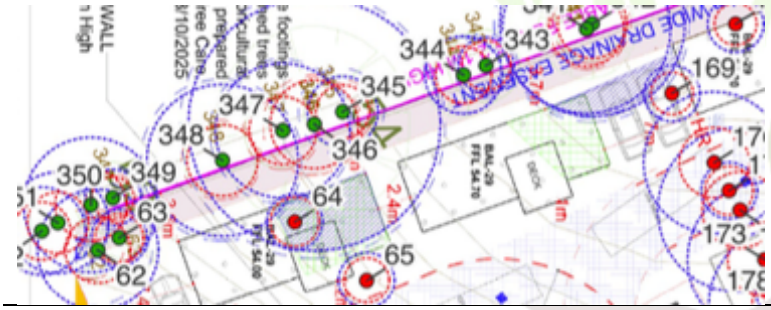
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Semi mature **ULE:** Medium

**Retention Value:** Third Party **NRZ (m):** 2 **SRZ (m):** 1.5

**Observations:** Group of trees.

**Encroachment:** Major **Retention Status:** Retain






**Tree Id:** 350 **Location:** Neighbouring property

**Botanical Name:** *Banksia marginata* **DSH (cm):** 40

**Common Name:** Silver Banksia **DaB (cm):** 55

**Tree Height (m):** 8 **Canopy Spread (m):** 5

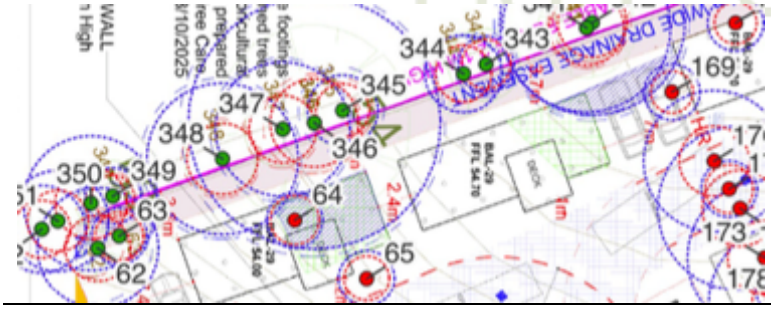
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** Third Party **NRZ (m):** 4.8 **SRZ (m):** 2.57

**Observations:**

**Encroachment:** Major **Retention Status:** Retain






email: info@melbournetreecare.com.au
web: www.melbournetreecare.com.au

© Melbourne Tree Care P.L
This document may not be reproduced without permission.

**Tree Id:** 351 **Location:** Neighbouring property

**Botanical Name:** *Banksia marginata* **DSH (cm):** 30

**Common Name:** Silver Banksia **DaB (cm):** 37

**Tree Height (m):** 7 **Canopy Spread (m):** 5

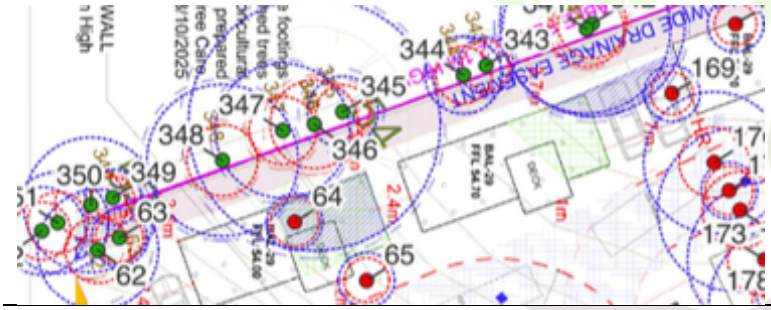
**Health:** Fair **Structure:** Fair

**Origin:** Vic. Native **Age:** Mature **ULE:** Medium

**Retention Value:** Third Party **NRZ (m):** 3.6 **SRZ (m):** 2.18

**Observations:** Leaning.

**Encroachment:** None **Retention Status:** Retain






**Tree Id:** 352 **Location:** Neighbouring property

**Botanical Name:** *Eucalyptus conferruminata* **DSH (cm):** 26

**Common Name:** Bushy Yate **DaB (cm):** 32

**Tree Height (m):** 8 **Canopy Spread (m):** 4

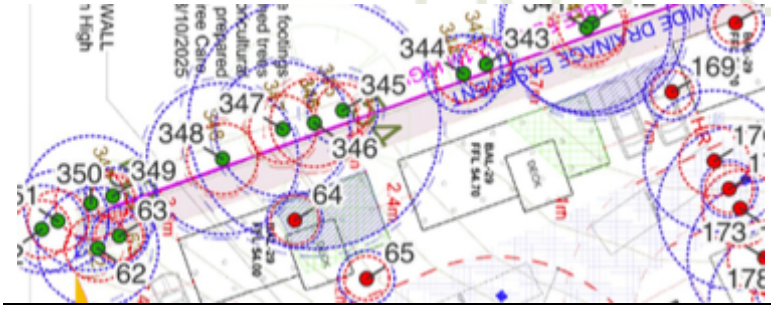
**Health:** Fair **Structure:** Fair

**Origin:** Aus. Native **Age:** Semi mature **ULE:** Short

**Retention Value:** Third Party **NRZ (m):** 3.12 **SRZ (m):** 2.05

**Observations:** In decline. Exudates

**Encroachment:** None **Retention Status:** Retain



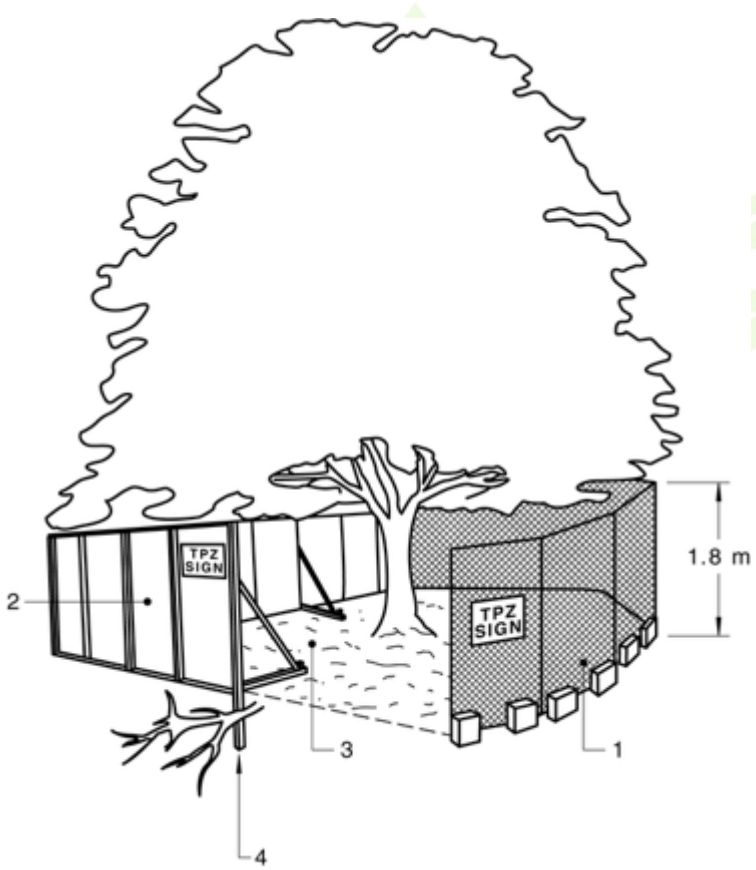





© Melbourne Tree Care P.L
This document may not be reproduced without permission.

# Appendix B: Tree Protection Measures

- Signs identifying the TPZ should be placed around the edge of the TPZ and be visible from within the development site.
- Fencing should be erected before any machinery or materials are brought onto the site and before the commencement of works including demolition. Once erected, protective fencing must not be removed or altered without approval by the project arborist. The TPZ should be secured to restrict access.

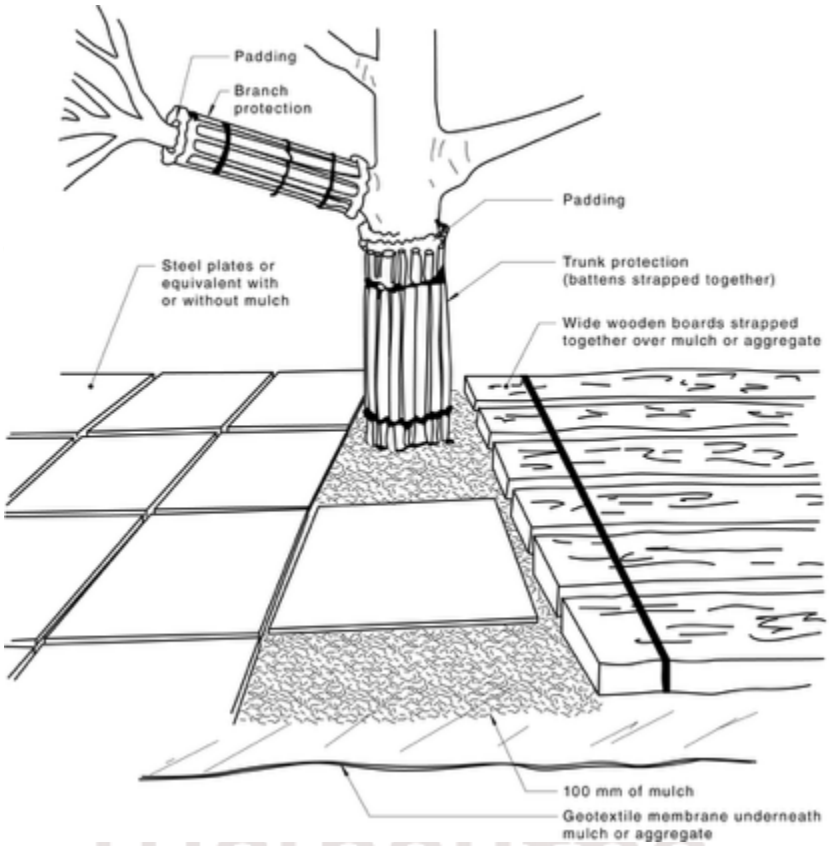



Example of fencing (Taken from AS4970-2025)

- If the TPZ is to be encroached by construction, manual excavation of the roots is to be carried out under the supervision of the project arborist to identify roots critical to tree stability.
- No roots greater than 5 cm are to be cut unless supervised by the project arborist.
- Roots should be pruned with sharp tools such as secateurs, handsaws or chainsaws.
- No roots within the TPZ are to be cut with machinery such as backhoes or excavators.
- Where roots are exposed, temporary root protection should be installed to prevent them drying out. Hessian sheeting as multiple layers on exposed roots would reduce the loss of moisture.


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

- All services should be routed outside the TPZ. If underground services are to be routed through the TPZ, they should be installed by directional drilling or manually excavated trenches. Directional boring should be at least 600mm deep.
- If temporary access for machinery is required within the TPZ ground protection measures will be required. The purpose of ground protection is to prevent root damage and soil compaction within the TPZ. Measures may include a permeable membrane such as geotextile fabric beneath a layer of mulch or crushed rock below rumble board.




Ground Protection (Taken from AS4970-2025)

- Activities generally excluded from the TPZ include but are not limited to:
    - Machine excavation including trenching
    - Excavation for silt fencing
    - Storage
    - Preparation of chemicals, including preparation of cement products
    - Parking of vehicles and plant
    - Refueling
    - Dumping of waste
    - Wash down and cleaning of equipment
    - Placement of fill
    - Lighting of fires


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

- Soil level changes
- Temporary or permanent installation of utilities and signs
- Physical damage to the tree

# Appendix C: Glossary of Terms

**Age**

| | |
|---|---|
| Juvenile | Juvenile or recently planted approximately 1-7 years. |
| Semi Mature | Tree actively growing. |
| Mature | Tree has reached expected size in situation. |
| Senescent | Tree is over mature and has started to decline. |

**Origin**

| | |
|---|---|
| Indigenous | Trees that are naturally occurring within a subject site or within the municipality of the subject area |
| Victorian native | Trees that are naturally occurring within Victoria |
| Australian native | Trees that are naturally occurring within Australia |
| Exotic | Trees that are not naturally occurring to any part of Australia |

**USEFUL LIFE EXPECTANCY – ULE**

**The useful life of a tree is an estimate of how long a tree is likely to remain in the landscape based on health, amenity and risk.**

**Long ULE** Trees that appear to be retainable with an acceptable level of risk for more than 40 years.

1. Structurally sound trees located in positions that can accommodate future growth.
2. Storm damaged or defective trees that could be made suitable for retention in the long term by remedial tree surgery.
3. Trees of special significance for historical, commemorative or rarity reasons that would warrant extraordinary efforts to secure their long-term retention.

**Medium ULE** Trees that appear to be retainable with an acceptable level of risk for 15 to 40 years.

1. Trees that may only live between 15 and 40 years.
2. Trees that may live for more than 40 years but would be removed to allow the safe development of more suitable individuals.
3. Trees that may live for more than 40 years but would be removed during the course of normal management for safety and nuisance reasons.


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

4. Storm damage or defective trees that can be made suitable for retention in the medium term by remedial work.

**Short ULE** Trees that appear to be retainable with an acceptable level of risk for 5 to 15 years.

1. Trees that may live for 5 to 15 years.
2. Trees that may live for more than 15 years but would be removed to allow the safe development of more suitable individuals.
3. Trees that may live for more than 15 years but would be removed during the course of normal management for safety and nuisance reasons.
4. Storm damaged or defective trees that require substantial remedial work to make safe and are only suitable for retention in the short term.

**0-5 Years** Trees with a high level of risk that would need removal within the next 5 years.

1. Dead trees.
2. Dying or suppressed and declining trees through disease or inhospitable conditions.
3. Dangerous trees through instability or recent loss of adjacent trees.
4. Dangerous trees through structural defects including cavities, decay, included bark, wounds or poor form.
5. Damaged trees that are considered unsafe to retain.
6. Trees that will become dangerous after removal of other trees for the above reasons.

**Condition**

This is a combined indicator of 'health' and 'structure' based on the following descriptors:

**Health**

**Good** Foliage of tree is entire, with good colour, very little sign of pathogens and of good density. Growth indicators are good ie. Extension growth of twigs and wound wood development. Minimal or no canopy die back (deadwood).

**Fair** Tree is showing one or more of the following symptoms; < 25% dead wood, minor canopy die back, foliage generally with good colour though some imperfections may be present. Minor pathogen damage present, with growth indicators such as leaf size, canopy density and twig extension growth typical for the species in this location.


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

| | |
|---|---|
| **Poor** | Tree is showing one or more of the following symptoms of tree decline; > 25% deadwood, canopy die back is observable, discoloured or distorted leaves. Pathogens present, stress symptoms are observable as reduced leaf size, extension growth and canopy density. |
| **Dead** | No vascular function. |

**Structure**

| | |
|---|---|
| **Good** | Trunk and scaffold branches show good taper and attachment with minor or no structural defects. Tree is a good example of the species with a well-developed form showing no obvious root problems or pests and diseases. |
| **Fair** | Tree shows some minor structural defects or minor damage to trunk eg. bark missing, there could be cavities present. Minimal damage to structural roots. Tree could be seen as typical for this species. |
| **Poor** | There are major structural defects, damage to trunk or bark missing. Co-dominant stems could be present or poor structure with likely points of failure. Girdling or damaged roots obvious. Tree is structurally problematic. |

**Retention Value**

- **Exceptional** - trees must be retained at all costs
  - A tree has horticultural, social, historical or cultural value.
  - A tree that has outstanding habitat value.
  - A tree that is an outstanding size for the species.
  - A tree that is remnant.
  - A tree species that is endangered.

- **High** - trees should be considered for retention wherever possible
  - A tree that is in good-fair health and structure with a long ULE.
  - A tree that is in good health, with good structure, is semi mature or mature, and with a medium ULE.
  - A tree that has cultural, botanical, or landscape significance.

- **Medium** - trees should be considered for retention wherever possible but should not pose a material constraint to site development
  - A tree that is in fair health and structure, is semi mature, and with a medium ULE.


© Melbourne Tree Care P.L
This document may not be reproduced without permission.

A tree that is in poor health or poor structure, is mature, and with a medium or short ULE.

- **Low -** trees should be removed
  - A tree that is in poor health and structure with a short ULE.
  - Weed species.

- **Third Party** – trees are third party assets and must be retained at all costs.
  - A tree that is located on adjoining properties.

# Appendix D: References


- Mattheck, C. and Breleor, H., 1994, *The body language of trees*, The Stationery Office, London, UK.
- Standards Australia 2007 SAI Global – *AS4373-2007 Pruning of Amenity Trees*
- Standards Australia 2009 SAI Global - *AS4970-2009 Protection of Trees on Development Sites*


# Appendix E: Qualifications and Experience



© Melbourne Tree Care P.L
This document may not be reproduced without permission.

# Appendix F: Report Limitations and Constraints

- The report is limited to the time of inspection.
- The report reflects the trees as found on the days of inspection. Any changes to site conditions or surroundings, such as construction works or landscape works may alter the findings of the report subject to conditions and recommendations as set out within the report.
- The report is based on the inspection and the material available at the time of inspection or that information further to the inspection found within the report.
- No soil samples were taken for laboratory analysis.
- Tree roots were not inspected below ground except where previously exposed and/or where otherwise stated within the report.
- Measurements may be approximates only and generally not to scale.
- All images supplied are interpretations only and should not be taken as true at time of inspection or indicative of tree condition or status at time of inspection or time of report release, inclusive of Google images if applicable

# Appendix G: Disclaimer

Although MELBOUNRE TREE CARE P.L. uses all due care and skill in providing you the information made available in this report, to the extent permitted by law MELBOURNE TREE CARE P.L. otherwise excludes all warranties of any kind, either expressed or implied. To the extent permitted by law, you agree that MELBOURNE TREE CARE P.L. is not liable to you or any other person or entity for any loss or damage caused or alleged to have been caused (including loss or damage resulting from negligence), either directly or indirectly, by your use of the information (including by way of example, Arboricultural advice) made available to you in this report. Without limiting this disclaimer, in no event will MELBOURNE TREE CARE P.L. be liable to you for any lost revenue or profits, or for special, indirect, consequential or incidental damage (however caused and regardless of the theory of liability) arising out of or related to your use of that information, even if MELBOURNE TREE CARE P.L. has been advised of the possibility of such loss or damage.


© Melbourne Tree Care P.L
This document may not be reproduced without permission.