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For

Christian Education Ministries Ltd.

Site location

271 Pearcedale Road
Cranbourne South

Report type

Arboricultural Impact Assessment

Prepared by

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Diploma of Arboriculture
Certificate III in Arboriculture

Monday, 20th April 2026

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Table of contents

1. Summary 4
2. Document control 5
3. Introduction....5
4. Documents reviewed 5
5. Scope 6
6. Site context....6
7. Methodology 6
8. AS 4970 2025 nomenclature 6
9. Notes 7
10. Site plan – Existing....8
11. Site plan – Northern boundary 9
12. Site plan – Eastern boundary 10
13. Site plan – Southern boundary....11
14. Site plan – Western boundary....12
15. Site plan - Proposed 13
16. Tree summary data 14
17. Arboricultural Impact Assessment....19
    - 17.1. Proposed NRZ Intrusions.... 20
    - 17.2. Construction impact – Low.... 20
    - 17.3. Construction impact – Moderate.... 21
        - 17.3.1. Tree 37.... 21
    - 17.4. Construction impact – High.... 22
        - 17.4.1. Tree 1.... 22
        - 17.4.2. Tree 3.... 24
        - 17.4.3. Tree 4.... 26
        - 17.4.4. Tree 7.... 27
        - 17.4.5. Tree 26.... 29
        - 17.4.6. Tree 162.... 30
        - 17.4.7. Tree 191.... 32
        - 17.4.8. Tree 209.... 33
        - 17.4.9. Tree 213.... 34
        - 17.4.10. Tree 215.... 35
        - 17.4.11. Northern Boundary Intrusions 36
        - 17.4.12. Western Boundary Intrusions.... 36
        - 17.4.13. Southern Boundary Intrusions 36
        - 17.4.14. Boundary Intrusions 37

17.5. Drainage 37
18. Recommendations 37
19. Construction – no impact 37
20. Trees shown as removed 38
21. Trees recommended for removal 39
22. Works required 40
23. Weed species 40
24. References 42
25. Appendix 1 - Tree protection guidelines 42
26. Appendix 2 - Tree data 44
27. Appendix 3 – Arboricultural information 93
27.1. Root plate estimation 93
27.2. Structural Root Zone 93
27.3. Notional Root Zone 93
27.4. Tree rooting patterns 93
27.5. Construction impacts 94
28. Appendix 4 - AS 4970 -*2025* 94
29. Appendix 2 - Explanation of terms 95
29.1. Origin 95
29.2. Maturity 95
29.3. Works required 95
29.4. Priority 96
29.5. Retention value (RV) explanation 96
29.6. Amenity value 97
29.7. ULE 98
29.8. Retention value 99
29.9. Health 100
29.10. Structure 101
29.11. Form 102
30. Glossary / notes 103
31. Practice Note VCAT 2 — Expert Evidence 105

1. Summary

This report was commissioned by Sophie Hoppe of Christian Education Ministries Ltd., to assess the condition of 145 trees located on or adjacent to 271 Pearcedale Road, Cranbourne South and to evaluate the impacts on these trees arising from the proposed development on this site.

This report is based on the Preliminary Arboricultural Assessment prepared by Nicole Vickridge on 4th December 2025.

- In the Preliminary Arboricultural Assessment, Ms Vickridge assessed all of the significant vegetation on the site and within five metres of the property boundaries where it was considered likely that the vegetation may be affected by development on the subject site.

Significant vegetation is broadly defined as being trees larger than 5 metres in height and/or with a Diameter at Standard Height (DSH) greater than 15cm.

Of the 145 trees assessed at this site:

1. 40 trees are shown on the provided drawings as removed.
    - Tree groups 238, 256 and 259 are not found on the drawings and are presumed to have been removed.
2. 30 trees are recommended for removal based on either Health or Structure Useful Life Assessment.
3. 42 trees will have no construction impact arising from the proposed development.
4. 63 trees have construction impact arising from the proposed developments. Of these:
    - 39 trees have a construction impact of high.
        i. a. Provided the recommendations of this report are implemented then it is likely that these trees can be retained.
    - 5 trees are likely to suffer a high or extreme level of construction impact and are not expected to remain viable within the proposed development.
    - 1 tree is likely to suffer a moderate level of construction impact and various actions are required to ensure that this tree remains viable within the proposed development.
    - 21 trees are likely to have a low level of construction impact and are expected to remain viable within the proposed development.

2. Document control

File reference	File type	Modifications	Author	Date
8412 & 260420	*AIA*	Original document. Arboricultural Impact Assessment for 145 trees.	DCM	20th April, 2026

3. Introduction

This report was commissioned by Sophie Hoppe of Christian Education Ministries, Ltd. to assess the condition of 145 trees located on or adjacent to 271 Pearcedale Road, Cranbourne South and to evaluate the impacts on these trees arising from the proposed development on this site.

Specifically, the report addresses the following issues:

- The health and structural condition of the trees.
- The suitability of these trees for retention on the site in light of the proposed development.
- The impact of the development on these trees.
- Recommendations for the protection of these trees.

This report is based, in part, on the plans provided and the accuracy of these plans is assumed. Inaccuracies in the plans provided may invalidate all or parts of this report.

The location of services within the site is not known and the possible impact of any services installation on the retained trees at this site is not included within this report.

The site was inspected by Nicole Vickridge formerly of this office on Tuesday 18th and Thursday 27th November 2025.

4. Documents reviewed

The following documents were reviewed in the preparation of this report.

Date	Title	Author	Company
16/04/2026	ACC Casey Master Plan. Proj No 18130-02-2401. Stage 1 Demolition Plan, DA007, Final DA Issue.	Not Stated	Christian Education Ministries
16/04/2026	ACC Casey Master Plan. Proj No 18130-02-2401. Stage 1 Proposed Site Plan, DA008, Final DA Issue.	Not Stated	Christian Education Ministries
19/01/2025	Feature and Level Survey. 271-275 Pearcedale Road, Cranbourne South. Surv. Ref. No, 22261, V2-02/26.	Dustin Nguyen	Nobelius Land Surveyors
04/12/2025	Preliminary Arboricultural Report.	Nicole Vickridge	Greenwood

5. Scope

All of those trees that are considered significant to the site and that are located either on the site or within four metres of the site boundaries are addressed in this report.

Significant trees are generally those that are greater than five metres in height and/or with a Diameter at Breast Height (DBH) of greater than 15 cm.

6. Site context

This site is located within a Green Wedge Zone (GWZ2) Zone within the municipal area of City of Casey.

The following town planning overlays are applicable to this site:

1. *Environmental Significance Overlay – Schedule 4 (ESO4).*
2. *Bushfire Management Overlay (BMO) – only applies to part of the site.*

7. Methodology

This assessment was carried out from the ground and will generally include assessment of trees within the subject site, on the road reserve/s and on adjoining properties as set out in Section 5 Scope.

The following fields of information were documented:

1. Genus / species & common name.
2. Height, width and DBH (Diameter at Breast Height).
3. Origin of the species (Native, endemic, or exotic).
4. Assessment of health, structure, and general condition.
5. Estimate of Useful Life Expectancy (ULE).
6. Assessment of the amenity value to the site and canopy form.

Digital images were captured of each tree on site.

DBH measurements were taken using a diameter tape.

Distances and tree heights were measured using a laser range finder and inclinometer.

8. AS 4970 2025 nomenclature

This report adopts the nomenclature of AS 4970 2025 *Preservation of Trees on Development sites*. This standard has been recently released and contains several changes in nomenclature from the previous version.

In this report the following nomenclature is used:

1. NRZ (Notional Root Zone) is the circular dimension that defines the soil volume that the tree is likely to require to maintain physiological function.

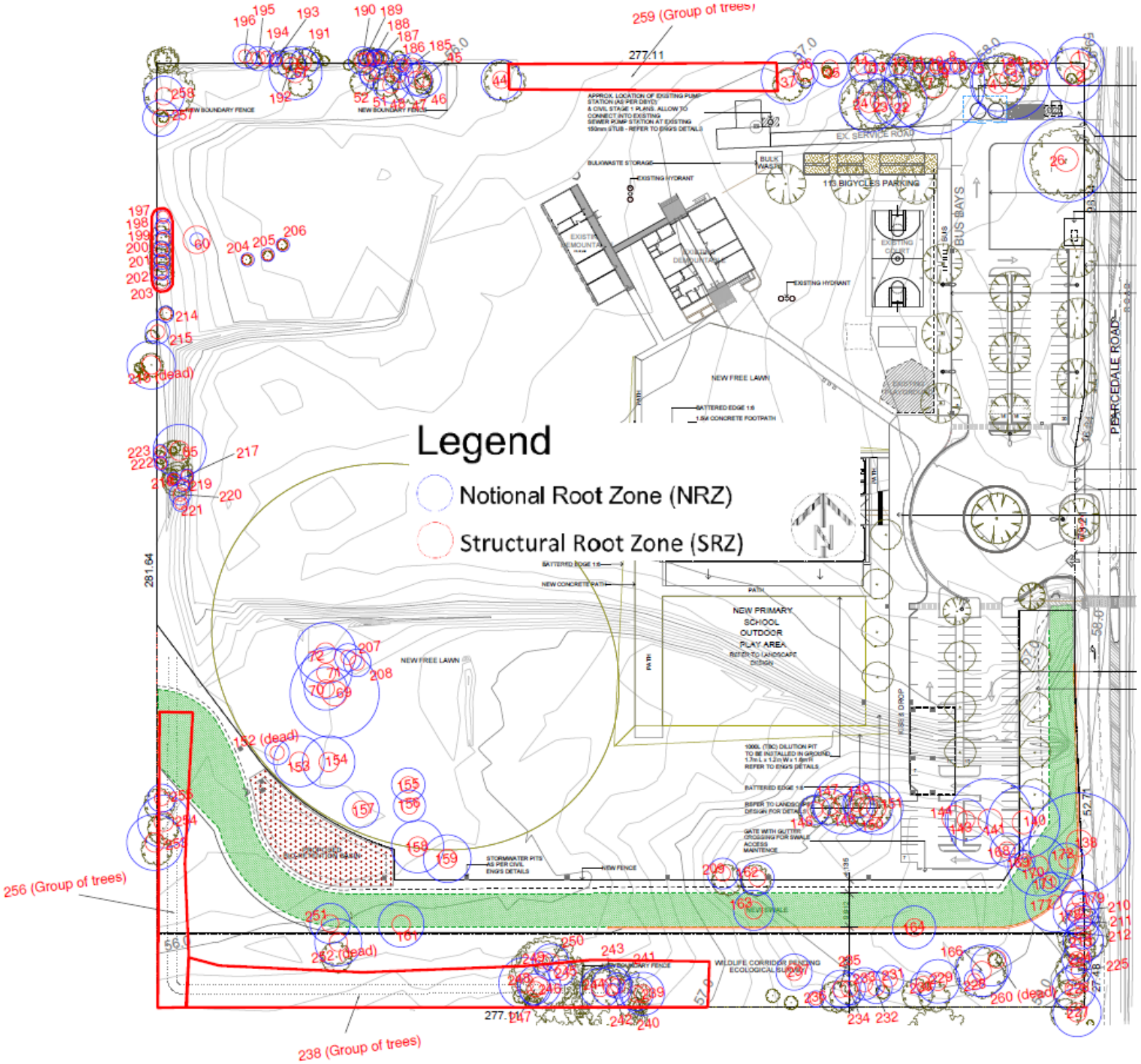
    a. This was previously known and the TPZ (Tree Protection Zone).
2. TPZ (Tree Protection Zone) is the soil volume protected by fencing, ground protection or other means as set out in the Tree Protection Specification and Tree Protection Plan.
    a. TPZ now refers specifically to the specified tree protection fencing, ground protection and other methods of tree protection.
3. SRZ (Structural Root Zone) is the radius of those tree roots that provide structural stability for the tree.
    a. SRZ is unchanged from the previous version of the standard.
4. TPS (Tree Protection Specification) is a report style document that details the tree protection for the entire site and will generally include a TPP (Tree Protection Plan).
    a. TPS was previously referred to as the TPZ.
5. TPP (Tree Protection Plan) is a plan style document that details the extent and dimensions of the tree protection system.
    a. TPP was previously referred to as the TPZ.

9. Notes

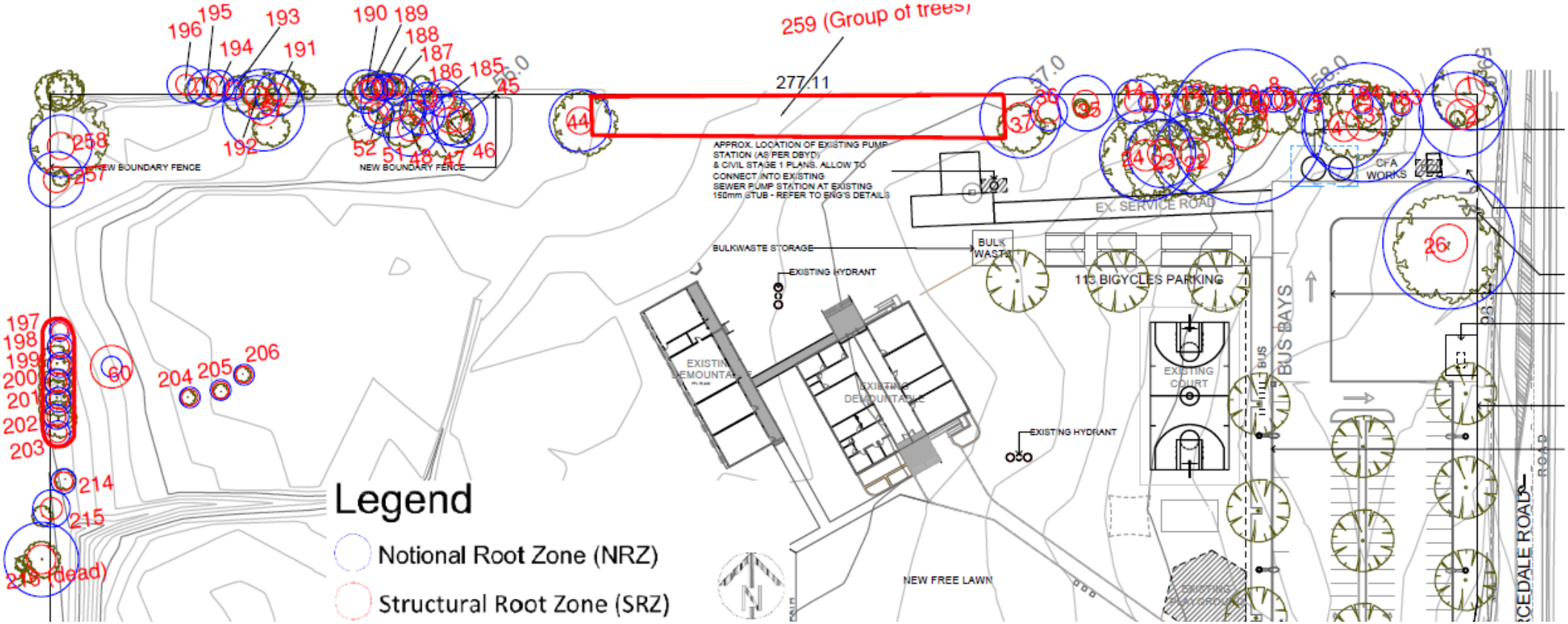
1. The column label "**ID"** is used in all the tables throughout this report. This refers to the tree identification number and to the tree numbering found on the "Site plan". This number is the same as the **"Tree ID"** found in the "Tree data" section of the report.

    a. All numbering in this report is consistent with the numbers of Trees in the previous reports issued by Greenwood Consulting in relation to this site (Ref: 2825 190429 CIR KLM Pearcedale Cranbourne South 271-275 Rd and 8412 251204 PAR CEM Pearcedale Cranbourne South 271 Rd).

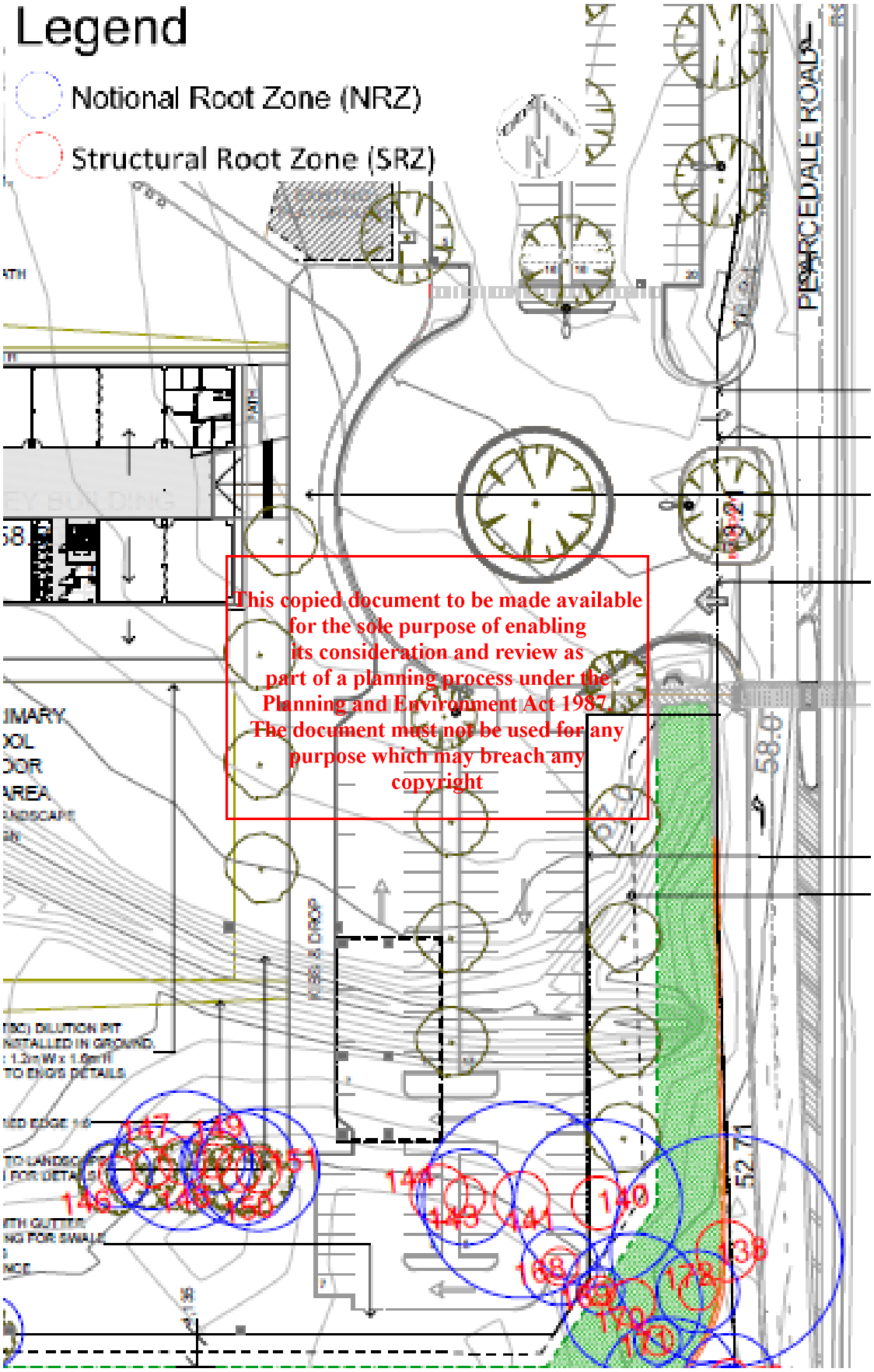
10. Site plan – Existing



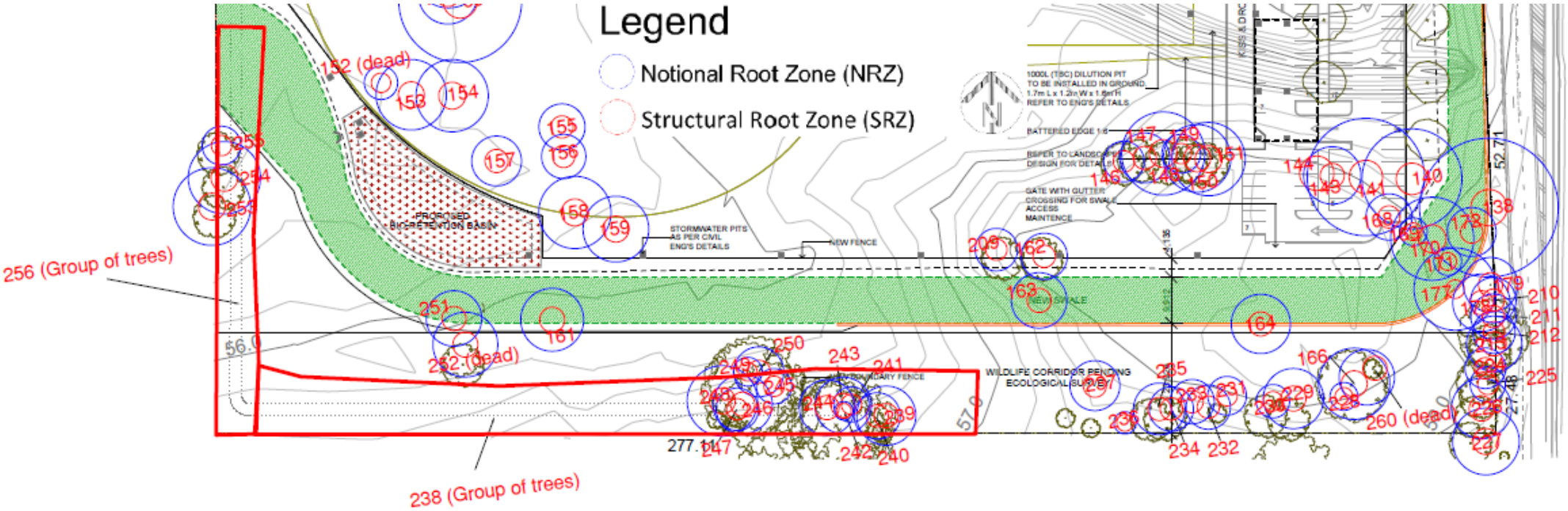
11. Site plan – Northern boundary



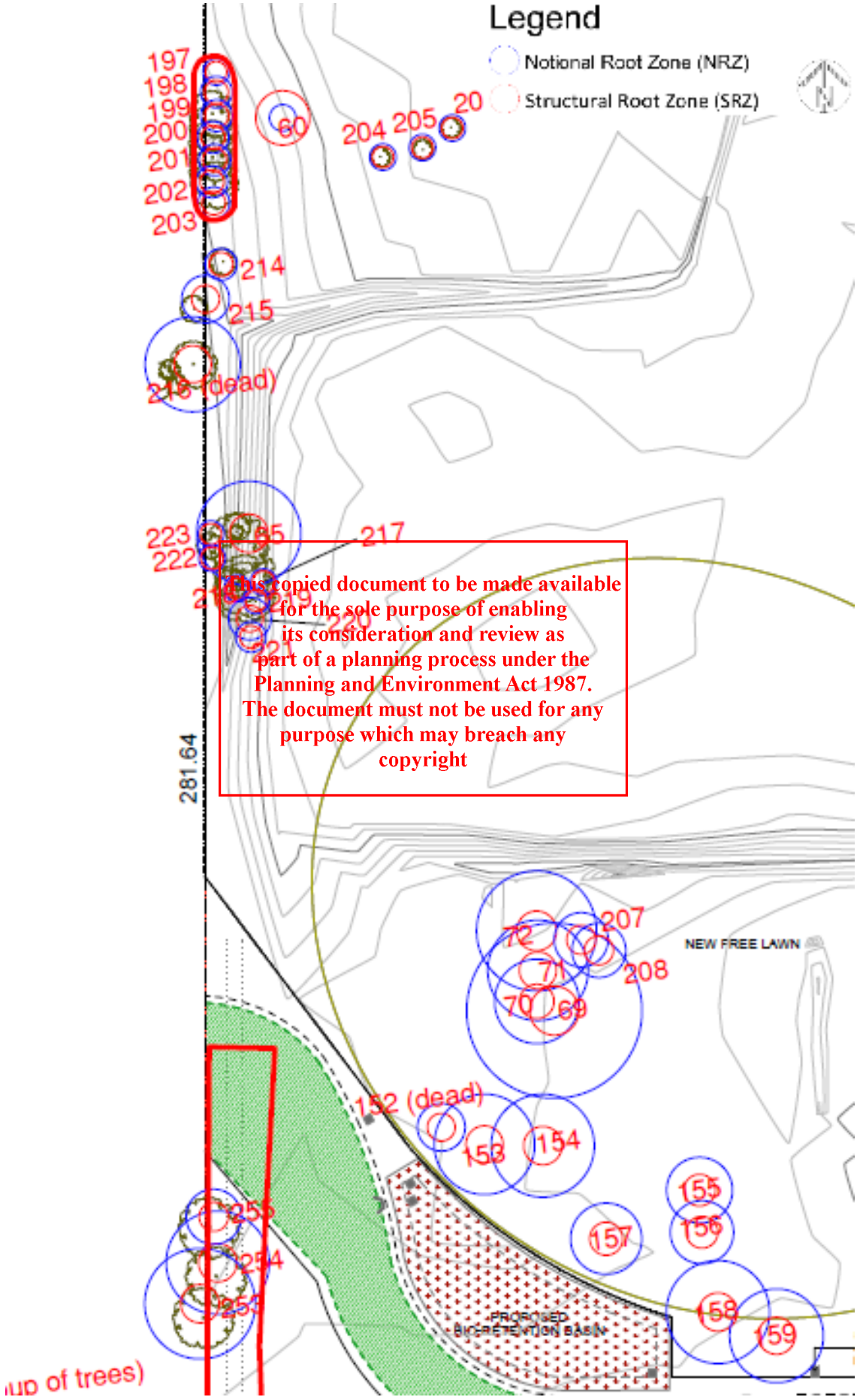
12. Site plan – Eastern boundary



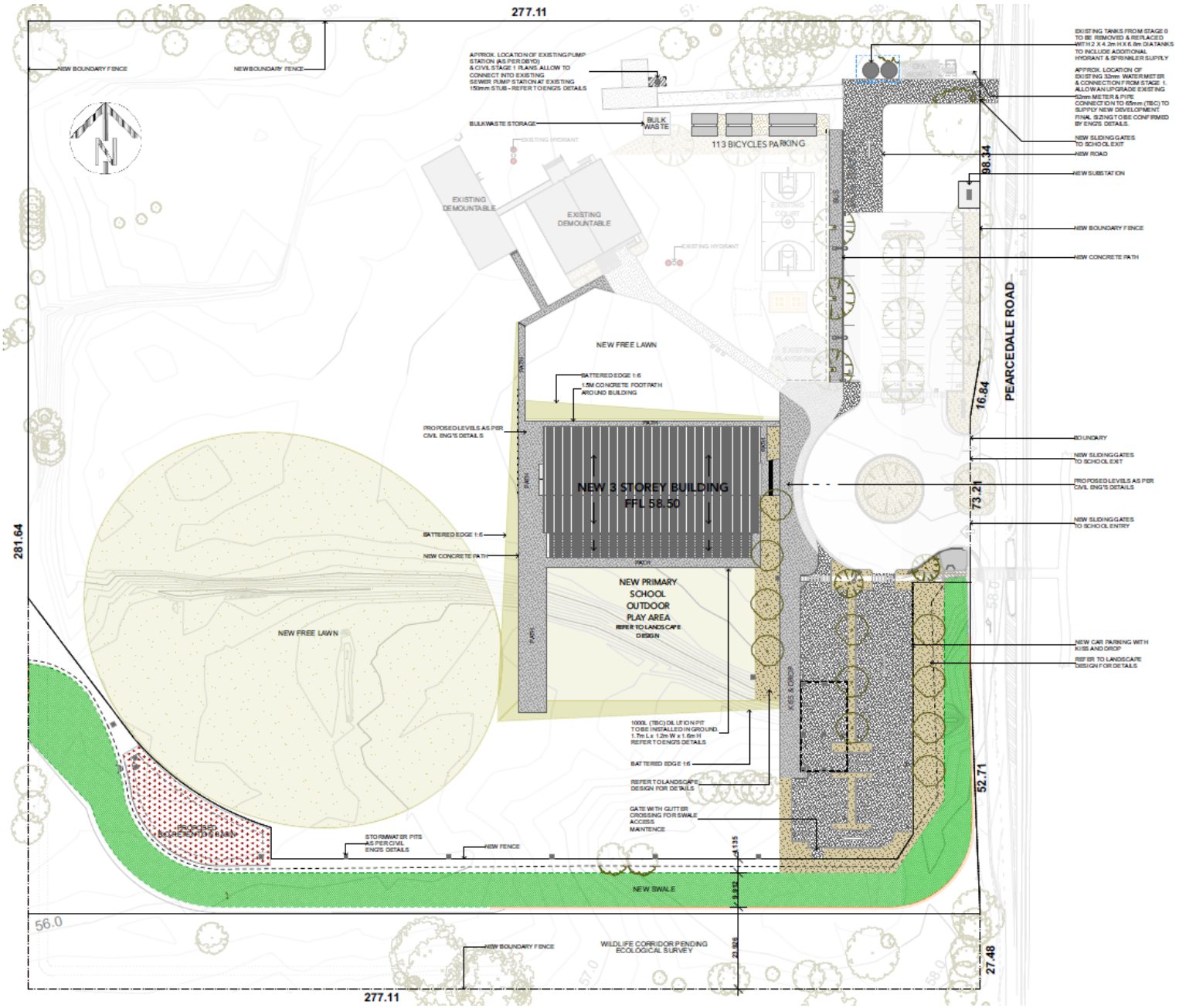
13. Site plan – Southern boundary



14. Site plan – Western boundary



15. Site plan - Proposed



16. Tree summary data

This table contains a summary of data pertaining to all trees shown and numbered on the enclosed feature and levels survey.

Underlined and italicised species names have not been assessed. Generally, these trees are <5m tall, not found or stumps. The construction impact values are blank for these records.

1. **Retention value**: The retention value of the tree to the site.
    a. Tree number and species name are **Bold** for High and Very high values trees.
2. **Retained:** Indicates whether the tree is shown as being retained on the plans provided.
3. **Construction impact:** Indicates the impact of the proposed development on the tree.
    a. **None:** There are no encroachments onto the tree's NRZ.
    b. **Low:** The proposed encroachment(s) are less than or equal to 10% of the surface area of the NRZ, contiguous soil area exists to compensate for any NRZ surface area loss and all encroachments are outside the SRZ.
    c. **Moderate:** The proposed encroachment(s) are greater than 10% and less than 20% of the surface area of the NRZ, contiguous soil area exists to compensate for NRZ surface area loss and all encroachments are outside the SRZ.
    d. **High:** The proposed encroachment(s) are greater than 20% of the surface area of the NRZ, contiguous soil area does not exist to compensate for NRZ surface area loss or encroachment is within the SRZ.
    e. **Blank:** Tree has not been assessed.
4. **Location:** Whether the tree is located on the site or adjacent to the site.
    a. **Site:** the tree is located on the site.

ID:	Genus / Species:	Retention Value:	Retained / Removed?:	Construction impact:	Location:	SRZ:	NRZ:	Height (m) / Trunk circ (cm):
1	Eucalyptus botryoides	Moderate	Retained	High	Site	2.8	7.3	14/192
2	Eucalyptus sp.	Very low	Retained	High	Site	2.9	8.2	8/214
3	**Eucalyptus botryoides**	High	Retained	High	Site	3.5	11.5	16/302
4	Eucalyptus sp.	Very low	Retained	High	Site	2.9	8.2	5/214
5	Callistemon viminalis	Very low	Retained	High	Site	1.6	2	3/47
6	Melaleuca linariifolia	Very low	Retained	High	Site	1.8	2.4	3/63
7	**Eucalyptus botryoides**	Very high	Retained	High	Site	4.1	15	21/471
8	Melaleuca linariifolia	Very low	Retained	High	Site	1.8	2.4	3/63
9	Melaleuca linariifolia	Very low	Retained	High	Site	1.6	2	2/47
10	Melaleuca linariifolia	Very low	Retained	High	Site	1.8	2.4	3/63
11	Callistemon salignus	Very low	Retained	High	Site	1.7	2	4/53
12	Melaleuca linariifolia	Very low	Retained	High	Site	1.9	3	3/79
13	Callistemon salignus	Remove.	Retained	High	Site	1.6	2	4/47
14	Melaleuca linariifolia	Low	Retained	High	Site	2.2	4.2	6/110
22	**Pinus radiata**	High	Retained	High	Site	2.9	7.8	20/204
23	**Pinus radiata**	High	Retained	None	Site	2.7	6.6	18/173

ID:	Genus / Species:	Retention Value:	Retained / Removed?:	Construction Impact:	Location:	SRZ:	NRZ:	Height (m) / Trunk circ (cm):
24	**Pinus radiata**	High	Retained	None	Site	3	8.9	16/233
26	**Pinus radiata**	High	Retained	None	Site	3.6	12.8	18/336
35	Melaleuca linariifolia	Very low	Retained	Low	Site	2.5	5.4	4/141
36	Callistemon viminalis	Very low	Retained	Low	Site	2.1	3.6	4/94
37	Melaleuca linariifolia	Very low	Retained	Moderate	Site	2.9	7.8	4/204
44	Melaleuca styphelioides	Low	Retained	Low	Site	2.6	6	10/157
45	Melaleuca linariifolia	Low	Retained	Low	Site	2.5	5.4	4/141
46	**Angophora costata**	High	Retained	None	Site	2.4	4.8	10/126
47	Melaleuca linariifolia	Low	Retained	Low	Site	2.3	4.4	8/116
48	Melaleuca linariifolia	Low	Retained	None	Site	2.5	5.4	8/141
51	Melaleuca linariifolia	Low	Retained	High	Site	2.6	6.2	8/163
52	Agonis flexuosa	Remove.	Removed	None	Site	1.9	3	7/79
57	Melaleuca linariifolia	Low	Retained	High	Site	2.9	7.9	7/207
60	Salix sp.	Remove.	Removed	None	Site	2.2	4.1	9/107
65	Eucalyptus botryoides	Moderate	Retained	Low	Site	2.9	7.9	19/207
69	**Eucalyptus ovata**	High	Removed	None	Site	3.7	13.3	20/349
70	**Pinus radiata**	High	Removed	None	Site	2.6	6.4	16/167
71	**Pinus radiata**	High	Removed	None	Site	2.8	7.6	19/198
72	Pinus radiata	Remove.	Removed	None	Site	3	9.1	16/239
138	Pinus radiata	Remove.	Removed	None	Site	3.9	15	22/421
140	Pinus radiata	Remove.	Removed	None	Site	3.4	10.8	20/283
141	Pinus radiata	Remove.	Removed	None	Site	3.6	12.7	24/333
143	**Pinus radiata**	High	Removed	None	Site	2.6	6.2	18/163
144	**Pinus radiata**	High	Removed	None	Site	3.7	13.8	20/361
146	Melaleuca armillaris	Remove.	Retained	None	Site	2.3	4.4	5/116
147	Melaleuca armillaris	Remove.	Retained	None	Site	2.5	5.4	5/141
148	Melaleuca armillaris	Remove.	Retained	None	Site	3	9	9/236
149	Melaleuca armillaris	Low	Retained	None	Site	2.2	4.2	8/110
150	Melaleuca armillaris	Low	Retained	None	Site	2.8	7.3	8/192
151	Melaleuca armillaris	Remove.	Retained	Low	Site	2.9	7.9	8/207
152	Acacia dealbata	Remove.	Removed	None	Site	2.1	3.6	5/94
153	**Eucalyptus ovata**	High	Removed	None	Site	2.8	7.6	17/198
154	Pinus radiata	Moderate	Removed	None	Site	2.9	7.8	14/204
155	Eucalyptus ovata	Low	Removed	None	Site	2.4	5	8/132
156	**Eucalyptus ovata**	High	Removed	None	Site	2.4	4.8	10/126
157	Eucalyptus ovata	Low	Removed	None	Site	2.5	5.4	11/141
158	Eucalyptus ovata	Low	Removed	None	Site	2.9	7.8	11/204
159	**Eucalyptus ovata**	High	Removed	None	Site	2.8	7.1	12/185
161	Eucalyptus ovata	Moderate	Removed	None	Site	2.7	6.8	14/179

ID:	Genus / Species:	Retention Value:	Retained / Removed?:	Construction Impact:	Location:	SRZ:	NRZ:	Height (m) / Trunk circ (cm):
162	Corymbia maculata	Moderate	Retained	High	Site	2.4	5	11/132
163	Melaleuca armillaris	Remove.	Removed	None	Site	2.6	6	5/157
164	**Cupressus torulosa**	High	Removed	None	Site	2.6	6.4	14/167
166	Eucalyptus cephalocarpa	Moderate	Retained	None	Site	2.8	7.7	14/201
167	Eucalyptus sp.	Remove.	Removed	None	Site	2.6	6	3/157
168	Angophora costata	Low	Removed	None	Site	2.4	5	9/132
169	Photinia serrulata	Low	Removed	None	Site	1.9	3	6/79
170	Angophora costata	Remove.	Removed	None	Site	3	9	17/236
171	Melaleuca styphelioides	Low	Removed	None	Site	1.9	3	6/79
172	Angophora costata	Moderate	Removed	None	Site	2.4	5.3	14/138
177	**Angophora costata**	High	Removed	None	Site	3	8.9	18/233
178	**Angophora costata**	High	Removed	None	Site	2.6	6.2	18/163
179	Hesperocyparis lusitanica	Low	Removed	None	Site	2.6	5.9	9/154
183	Pinus radiata	Low	Retained	None	Site	1.6	2	4/31
184	Pinus radiata	Low	Retained	Low	Site	1.6	2	4/31
185	**Eucalyptus sp.**	High	Retained	High	Off site	2.1	3.6	14/94
186	Melaleuca armillaris	Low	Retained	High	Off site	1.9	3	8/79
187	Pittosporum eugenioides	Low	Retained	High	Off site	1.8	2.4	7/63
188	Pittosporum eugenioides	Low	Retained	High	Off site	1.8	2.4	7/63
189	Acer negundo	Low	Retained	High	Off site	1.8	2.4	7/63
190	Eucalyptus sp.	Moderate	Retained	High	Off site	2.2	4.2	9/110
191	Fraxinus angustifolia	Moderate	Retained	High	Off site	2.2	4.2	10/110
192	Pittosporum undulatum	Very low	Retained	High	Site	1.6	2	7/47
193	Lophostemon confertus	Low	Retained	High	Off site	1.7	2	7/53
194	Crataegus sp.	Low	Retained	High	Off site	1.9	3	5/79
195	Eucalyptus botryoides	Low	Retained	High	Off site	2.1	3.6	8/94
196	Ulmus parvifolia	Low	Retained	High	Off site	1.9	3	7/79
197	Melaleuca armillaris	Low	Retained	Low	Site	1.6	2	5/47
198	Melaleuca armillaris	Low	Retained	Low	Site	1.8	2.4	5/63
199	Melaleuca armillaris	Remove.	Retained	Low	Site	1.8	2.4	3/63
200	Melaleuca armillaris	Low	Retained	High	Site	1.8	2.4	6/63
201	Melaleuca armillaris	Low	Retained	High	Site	1.8	2.4	6/63
202	Melaleuca armillaris	Low	Retained	High	Site	1.8	2.4	6/63
203	Melaleuca armillaris	Low	Retained	High	Site	1.8	2.4	4/63
204	Melaleuca armillaris	Very low	Retained	None	Off site	1.6	2	3/31
205	Melaleuca armillaris	Very low	Retained	None	Off site	1.6	2	3/31
206	Melaleuca armillaris	Very low	Retained	None	Off site	1.6	2	3/31
207	Pinus radiata	Low	Removed	None	Site	2.2	4.1	10/107
208	Eucalyptus botryoides	Moderate	Removed	None	Site	2.2	4.1	9/107

ID:	Genus / Species:	Retention Value:	Retained / Removed?:	Construction Impact:	Location:	SRZ:	NRZ:	Height (m) / Trunk circ (cm):
209	Corymbia maculata	Low	Retained	High	Site	2.3	4.6	9/119
210	Melaleuca armillaris	Remove.	Removed	None	Site	2.4	4.9	5/129
211	Melaleuca armillaris	Remove.	Removed	None	Site	2.4	4.9	5/129
212	Melaleuca armillaris	Low	Removed	None	Site	2.3	4.6	6/119
213	Melaleuca armillaris	Remove.	Retained	High	Site	2.6	6	5/157
214	Salix sp.	Low	Retained	None	Site	1.8	2.4	5/63
215	Eucalyptus botryoides	Moderate	Retained	High	Site	2.1	3.6	11/94
216	Eucalyptus sp.	Very low	Retained	High	Off site	2.8	7.2	10/189
217	Eucalyptus botryoides	Moderate	Retained	None	Site	1.7	2	7/53
218	Eucalyptus botryoides	Very low	Retained	None	Site	1.6	2	5/25
219	Eucalyptus botryoides	Very low	Retained	None	Site	1.6	2	6/25
220	**Eucalyptus botryoides**	High	Retained	None	Site	2	3.2	10/85
221	Eucalyptus botryoides	Moderate	Retained	None	Site	1.7	2.3	18/60
222	Pinus radiata	Low	Retained	High	Site	1.7	2	10/53
223	Pinus radiata	Low	Retained	High	Site	1.6	2	10/47
224	Melaleuca armillaris	Very low	Retained	Low	Site	2.3	4.4	5/116
225	Melaleuca armillaris	Very low	Retained	High	Site	2.2	3.8	4/101
226	Melaleuca armillaris	Very low	Retained	Low	Site	2.7	6.5	4/170
227	Eucalyptus sp.	Moderate	Retained	High	Off site	2.8	7.2	10/189
228	Agonis flexuosa	Very low	Retained	None	Site	1.9	3	4/79
229	Melaleuca armillaris	Low	Retained	None	Site	2.7	6.5	7/170
230	Agonis flexuosa	Very low	Retained	None	Site	2.1	3.6	4/94
231	Melaleuca styphelioides	Low	Retained	None	Site	2.2	4.2	4/110
232	Melaleuca armillaris	Remove.	Retained	None	Site	2.4	4.8	4/126
233	Melaleuca armillaris	Remove.	Retained	None	Site	2.4	4.8	4/126
234	Melaleuca armillaris	Remove.	Retained	None	Site	2.4	4.8	4/126
235	Melaleuca armillaris	Remove.	Retained	Low	Site	2.5	5.6	4/148
236	Melaleuca armillaris	Very low	Retained	Low	Site	1.8	2.4	4/63
237	Melaleuca armillaris	Remove.	Retained	None	Site	2.5	5.4	3/141
238	Melaleuca armillaris	Very low	Removed	None	Site	2.5	5.4	5/141
239	Eucalyptus sp.	Remove.	Retained	Low	Site	2.6	6.4	4/167
240	Eucalyptus sp.	Remove.	Retained	Low	Site	2.4	5	5/132
241	Eucalyptus ovata	Low	Retained	None	Site	2.2	3.8	7/101
242	Eucalyptus sp.	Very low	Retained	None	Site	1.6	2	4/47
243	Eucalyptus sp.	Remove.	Retained	Low	Site	2.6	6.1	4/160
244	Eucalyptus ovata	Moderate	Retained	Low	Site	2.6	6	10/157
245	Eucalyptus sp.	Low	Retained	None	Site	2.2	3.8	12/101
246	Eucalyptus ovata	Low	Retained	Low	Site	2.6	6.4	8/167
247	Eucalyptus ovata	Low	Retained	None	Site	2.3	4.6	8/119

ID:	Genus / Species:	Retention Value:	Retained / Removed?:	Construction Impact:	Location:	SRZ:	NRZ:	Height (m) / Trunk circ (cm):
248	Eucalyptus ovata	Low	Retained	Low	Site	2.8	7.6	9/198
249	Corymbia maculata	Remove.	Retained	None	Site	2	3.1	4/82
250	Eucalyptus sp.	Remove.	Retained	None	Site	2.5	5.4	5/141
251	Eucalyptus ovata	Moderate	Removed	None	Site	2.6	6	12/157
252	Eucalyptus sp.	Remove.	Retained	High	Site	2.7	7	9/182
253	**Pinus radiata**	High	Retained	High	Off site	2.9	8.4	16/220
254	**Pinus radiata**	High	Retained	High	Site	2.9	7.8	16/204
255	Acacia dealbata	Low	Retained	High	Site	2.2	4.2	8/110
256	Melaleuca armillaris	Very low	Removed	None	Site	2.5	5.4	5/141
257	Melaleuca armillaris	Very low	Retained	High	Site	2.5	5.4	4/141
258	Melaleuca armillaris	Very low	Retained	High	Site	2.6	6	5/157
259	Melaleuca armillaris	Very low	Removed	None	Site	2.2	4.2	5/110

Total number of tree/s referred to in this report(Total): 145

17. Arboricultural Impact Assessment

The following trees are regarded as being suitable for retention and are located within close proximity to elements of the proposed development. The successful retention of those trees that are proposed to be retained may require additional care and the adoption of the following recommendations.

Note: ***Construction Proximity*** of 0.1 indicates construction over or immediately adjacent to the tree.

ID	Genus / species	DSH	SRZ	NRZ	NRZ	ConP	Ret Value	Retained?
The following 63 tree/s are shown as Retained on the plans provided.								
1	*Eucalyptus botryoides*	61	2.8	7.3	= TPZ	0.4	Moderate	Retained
2	*Eucalyptus sp.*	68	2.9	8.2	= TPZ	3.2	Very low	Retained
3	*Eucalyptus botryoides*	96	3.5	11.5	= TPZ	4.8	High	Retained
4	*Eucalyptus sp.*	68	2.9	8.2	= TPZ	3.8	Very low	Retained
5	*Callistemon viminalis*	15	1.6	2.0	= TPZ	1.5	Very low	Retained
6	*Melaleuca linariifolia*	20	1.8	2.4	= TPZ	1	Very low	Retained
7	*Eucalyptus botryoides*	150	4.1	15.0	= TPZ	9.5	Very high	Retained
8	*Melaleuca linariifolia*	20	1.8	2.4	= TPZ	1	Very low	Retained
9	*Melaleuca linariifolia*	15	1.6	2.0	= TPZ	1.3	Very low	Retained
10	*Melaleuca linariifolia*	20	1.8	2.4	= TPZ	1.4	Very low	Retained
11	*Callistemon salignus*	17	1.7	2.0	= TPZ	1.2	Very low	Retained
12	*Melaleuca linariifolia*	25	1.9	3.0	= TPZ	1.4	Very low	Retained
14	*Melaleuca linariifolia*	35	2.2	4.2	= TPZ	1.3	Low	Retained
22	*Pinus radiata*	65	2.8	7.8	= TPZ	0.1	High	Retained
35	*Melaleuca linariifolia*	45	2.5	5.4	= TPZ	1.7	Very low	Retained
37	*Melaleuca linariifolia*	65	2.8	7.8	= TPZ	4.5	Very low	Retained
44	*Melaleuca styphelioides*	50	2.6	6.0	= TPZ	5	Low	Retained
45	*Melaleuca linariifolia*	45	2.5	5.4	= TPZ	4.8	Low	Retained
47	*Melaleuca linariifolia*	37	2.3	4.4	= TPZ	3.4	Low	Retained
51	*Melaleuca linariifolia*	52	2.6	6.2	= TPZ	2.1	Low	Retained
57	*Melaleuca linariifolia*	66	2.9	7.9	= TPZ	3	Low	Retained
65	*Eucalyptus botryoides*	66	2.9	7.9	= TPZ	6.7	Moderate	Retained
162	*Corymbia maculata*	42	2.4	5.0	= TPZ	0.3	Moderate	Retained
183	*Pinus radiata*	10	1.6	2.0	= TPZ	1.2	Low	Retained
184	*Pinus radiata*	10	1.6	2.0	= TPZ	1.7	Low	Retained
185	*Eucalyptus sp.*	30	2.1	3.6	= TPZ	0.7	High	Retained
186	*Melaleuca armillaris*	25	1.9	3.0	= TPZ	0.7	Low	Retained
187	*Pittosporum eugenioides*	20	1.8	2.4	= TPZ	1.6	Low	Retained
188	*Pittosporum eugenioides*	20	1.8	2.4	= TPZ	1.2	Low	Retained
189	*Acer negundo*	20	1.8	2.4	= TPZ	1.4	Low	Retained
190	*Eucalyptus sp.*	35	2.2	4.2	= TPZ	0.1	Moderate	Retained
191	*Fraxinus angustifolia*	35	2.2	4.2	= TPZ	0.1	Moderate	Retained
192	*Pittosporum undulatum*	15	1.6	2.0	= TPZ	0.5	Very low	Retained
193	*Lophostemon confertus*	17	1.7	2.0	= TPZ	0.9	Low	Retained
194	*Crataegus sp.*	25	1.9	3.0	= TPZ	1.7	Low	Retained
195	*Eucalyptus botryoides*	30	2.1	3.6	= TPZ	1.3	Low	Retained
196	*Ulmus parvifolia*	25	1.9	3.0	= TPZ	2	Low	Retained
197	*Melaleuca armillaris*	15	1.6	2.0	= TPZ	1.8	Low	Retained
198	*Melaleuca armillaris*	20	1.8	2.4	= TPZ	1.8	Low	Retained
200	*Melaleuca armillaris*	20	1.8	2.4	= TPZ	1.3	Low	Retained
201	*Melaleuca armillaris*	20	1.8	2.4	= TPZ	1.5	Low	Retained
202	*Melaleuca armillaris*	20	1.8	2.4	= TPZ	1.1	Low	Retained
203	*Melaleuca armillaris*	20	1.8	2.4	= TPZ	1.4	Low	Retained
204	*Melaleuca armillaris*	10	1.6	2.0	= TPZ	1.2	Very low	Retained

ID	Genus / species	DSH	SRZ	NRZ	NRZ	ConP	Ret Value	Retained?
205	*Melaleuca armillaris*	10	1.6	2.0	= TPZ	1.2	Very low	Retained
206	*Melaleuca armillaris*	10	1.6	2.0	= TPZ	1.2	Very low	Retained
209	*Corymbia maculata*	38	2.3	4.6	= TPZ	1.8	Low	Retained
215	*Eucalyptus botryoides*	30	2.1	3.6	= TPZ	0.2	Moderate	Retained
216	*Eucalyptus sp.*	60	2.8	7.2	= TPZ	1.8	Very low	Retained
218	*Eucalyptus botryoides*	8	1.6	2.0	= TPZ	0.96	Very low	Retained
219	*Eucalyptus botryoides*	8	1.6	2.0	= TPZ	0.96	Very low	Retained
222	*Pinus radiata*	17	1.7	2.0	= TPZ	1.2	Low	Retained
223	*Pinus radiata*	15	1.6	2.0	= TPZ	1	Low	Retained
224	*Melaleuca armillaris*	37	2.3	4.4	= TPZ	2.4	Very low	Retained
225	*Melaleuca armillaris*	32	2.2	3.8	= TPZ	1.8	Very low	Retained
226	*Melaleuca armillaris*	54	2.7	6.5	= TPZ	3.2	Very low	Retained
227	*Eucalyptus sp.*	60	2.8	7.2	= TPZ	1.7	Moderate	Retained
242	*Eucalyptus sp.*	15	1.6	2.0	= TPZ	1.8	Very low	Retained
253	*Pinus radiata*	70	2.9	8.4	= TPZ	0.6	High	Retained
254	*Pinus radiata*	65	2.9	7.8	= TPZ	2	High	Retained
255	*Acacia dealbata*	35	2.2	4.2	= TPZ	1.4	Low	Retained
257	*Melaleuca armillaris*	45	2.5	5.4	= TPZ	1.2	Very low	Retained
258	*Melaleuca armillaris*	50	2.6	6.0	= TPZ	2	Very low	Retained

SRZ: Structural Root Zone. NRZ: Notional Root Zone. mNRZ: Notional Zone (Canopy), ConP: Construction Proximity.

Number of trees in this section (total): 63

17.1. Proposed NRZ Intrusions

The proposed NRZ Intrusions in the area of these trees will include:

- Construction of a new road.
- Construction of a vehicle parking area.
- Installation of a new boundary fence.
- Installation of new water tanks on a concrete slab.
- Installation of storm water pits.

It is noted that on the provided plans there is the provision for the installation of storm water pits located along the northern edge of the new swale, however there is no excavation or drainage connecting these storm water pits shown on the site plan.

It has been assumed that there will be drains linking these storm water pits.

No details have been provided on the proposed construction methods. The construction impact should be updated once details regarding the proposed construction techniques are available.

17.2. Construction impact – Low

Trees 35, 36, 44, 45, 47, 65, 151, 184, 197, 198, 199, 224, 226, 235, 236, 239, 240, 243, 244, 246 and 248 will suffer a low (<10.0%) level of construction impact and are likely to remain viable within the proposed development.

Other than protecting these trees throughout the proposed development works, no specific design action is required to ensure the viability of these trees.

17.3. Construction impact – Moderate

17.3.1. Tree 37

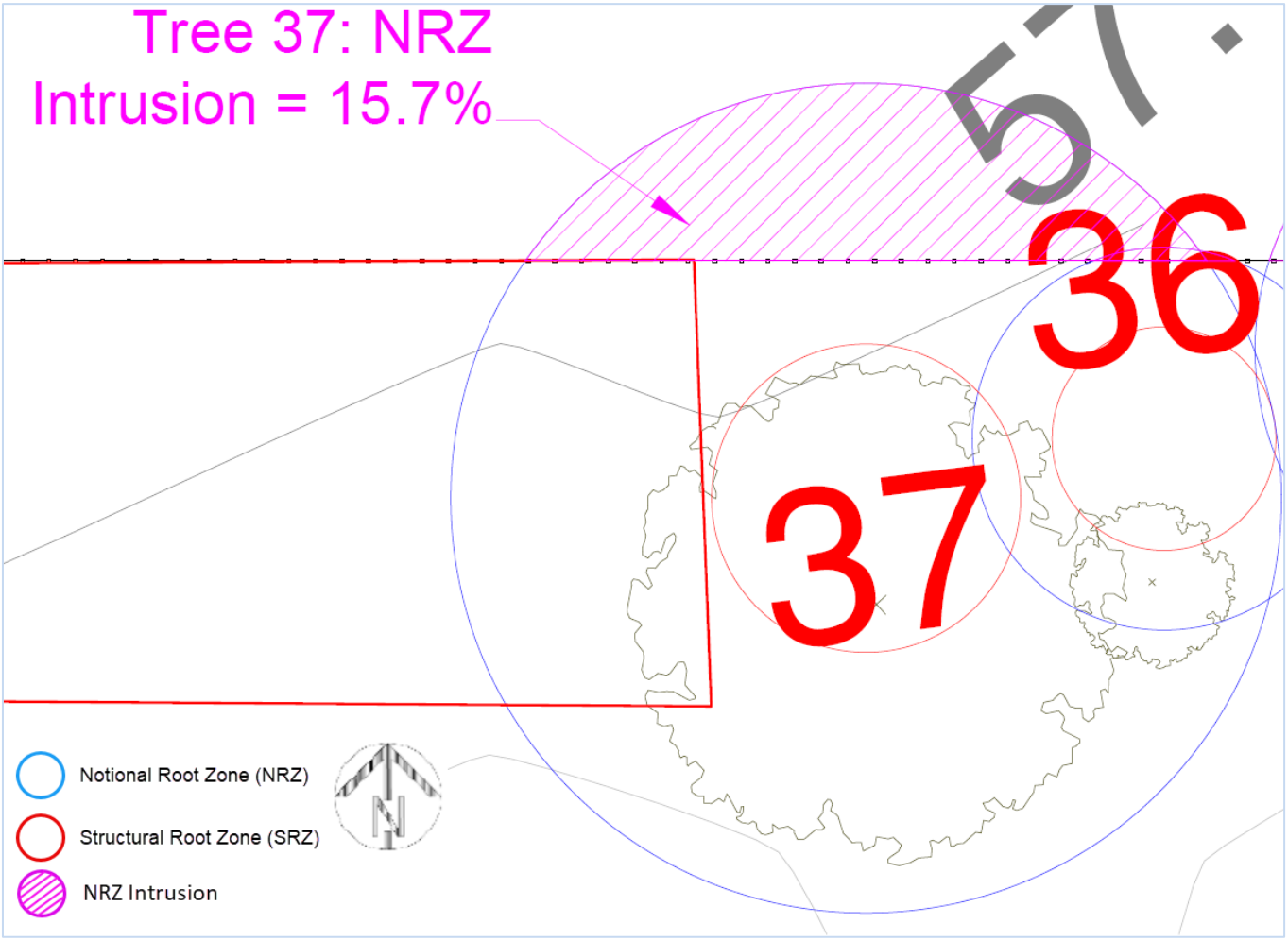


Figure 1 Tree 37 NRZ Intrusion

Tree 37 is a mature Melaleuca linariifolia (Flax Leaf Paperbark) that exhibits Fair health and Fair structure and has a Useful Life Expectancy of 5 - 15 years. It is located on the subject site and has a retention value of Very low. This tree has a DSH of 65 cm, an SRZ of 2.9 m, a NRZ of 7.8 m and a construction impact of Moderate.

The plans show the installation of a new boundary fence within the NRZ of tree 37 resulting in a nominal NRZ intrusion of 15.7% (Refer to Figure 1 above). No details have been provided on the construction of the new fence. The construction impact should be updated once details regarding the proposed construction techniques are available.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments between 10% and 20% are considered to be a moderate encroachment. Under AS4970 (2025), relevant factors as to whether Tree 37 will remain viable include:

- Tree 37 was observed to be in fair health, and based on the plans provided, there are opportunities (to the west, south and east) to incorporate an area equivalent to the encroachment into a Tree Protection Zone.

- The proposed fence is the only intrusion into the NRZ of tree 37 and, provided it can be constructed with no strip or sheet footing and with postholes that minimise excavation, the loss of root mass (and soil volume) resulting from the fencing will be minimal.

The new boundary fencing should be constructed with no strip or sheet footing and with postholes that minimise excavation.

Tree 37 is likely to remain viable if the recommendations of this report are effectively implemented.

17.4. Construction impact – High

17.4.1. Tree 1

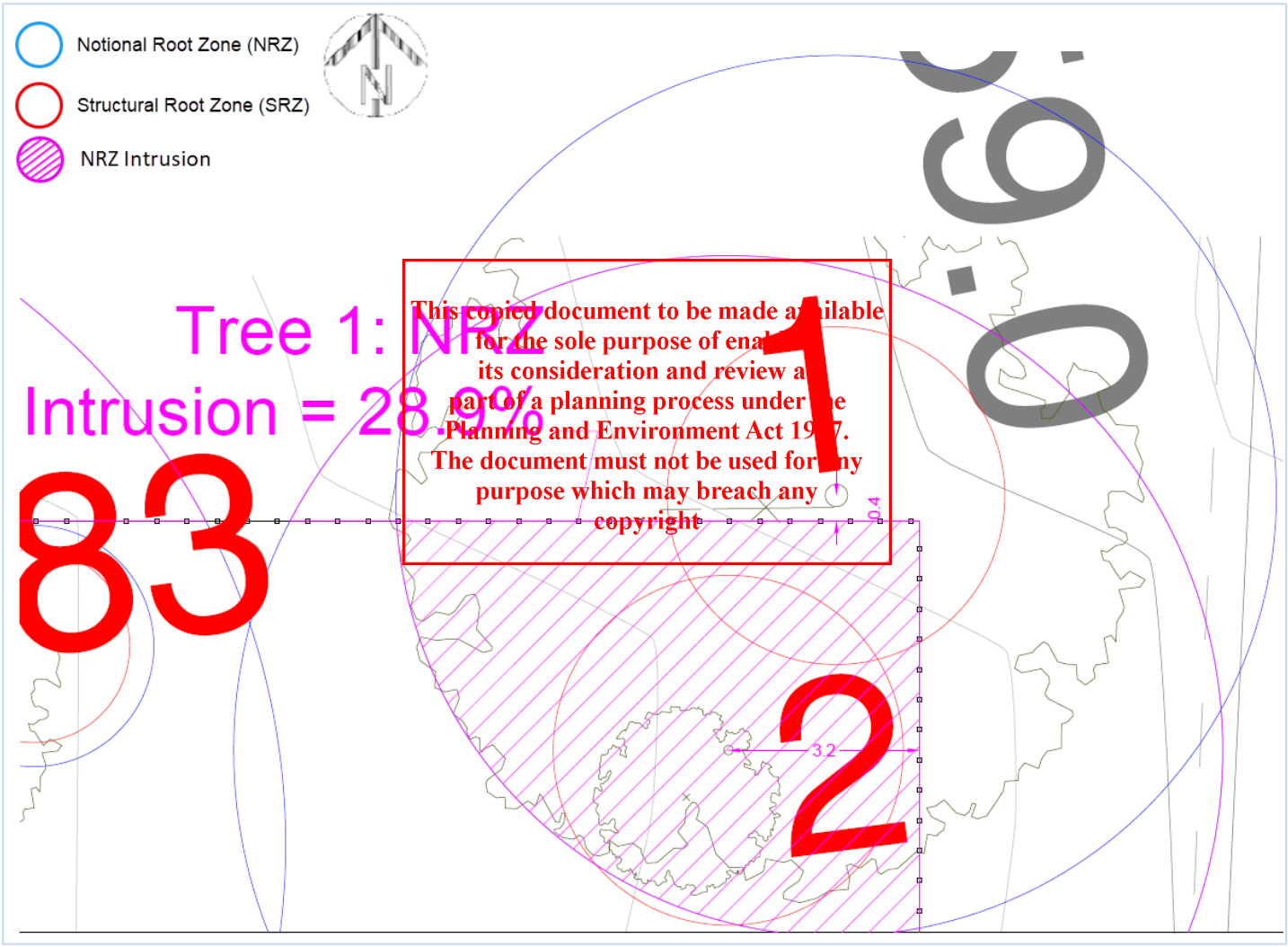


Figure 2 Tree 1 NRZ Intrusion

Tree 1 is a mature Eucalyptus botryoides (Southern Mahogany) that exhibits Fair health and Fair structure and has a Useful Life Expectancy of 15 - 30 years. It is located on the subject site and has a retention value of Moderate. This tree has a DSH of 61 cm, an SRZ of 2.8 m, a NRZ of 7.3 m and a construction impact of High.

The plans show the installation of a new boundary fence within the NRZ, and into the SRZ of Tree 1, resulting in an NRZ intrusion of 28.9% (Refer to Figure 2 above). No details have been

provided on the construction of the new fence. The construction impact should be updated once details regarding the proposed construction techniques are available.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments over 20%, or within the SRZ, are considered to be a major encroachment.

The construction of a new boundary fence occurs almost immediately adjacent to the trunk of Tree 1 (approximately 0.4 metres).

Based on the extent and nature of the encroachments into the NRZ of Tree 1, this tree is unlikely to remain viable.

Tree 1 is unlikely to remain viable based on the plans provided.

17.4.2. Tree 3

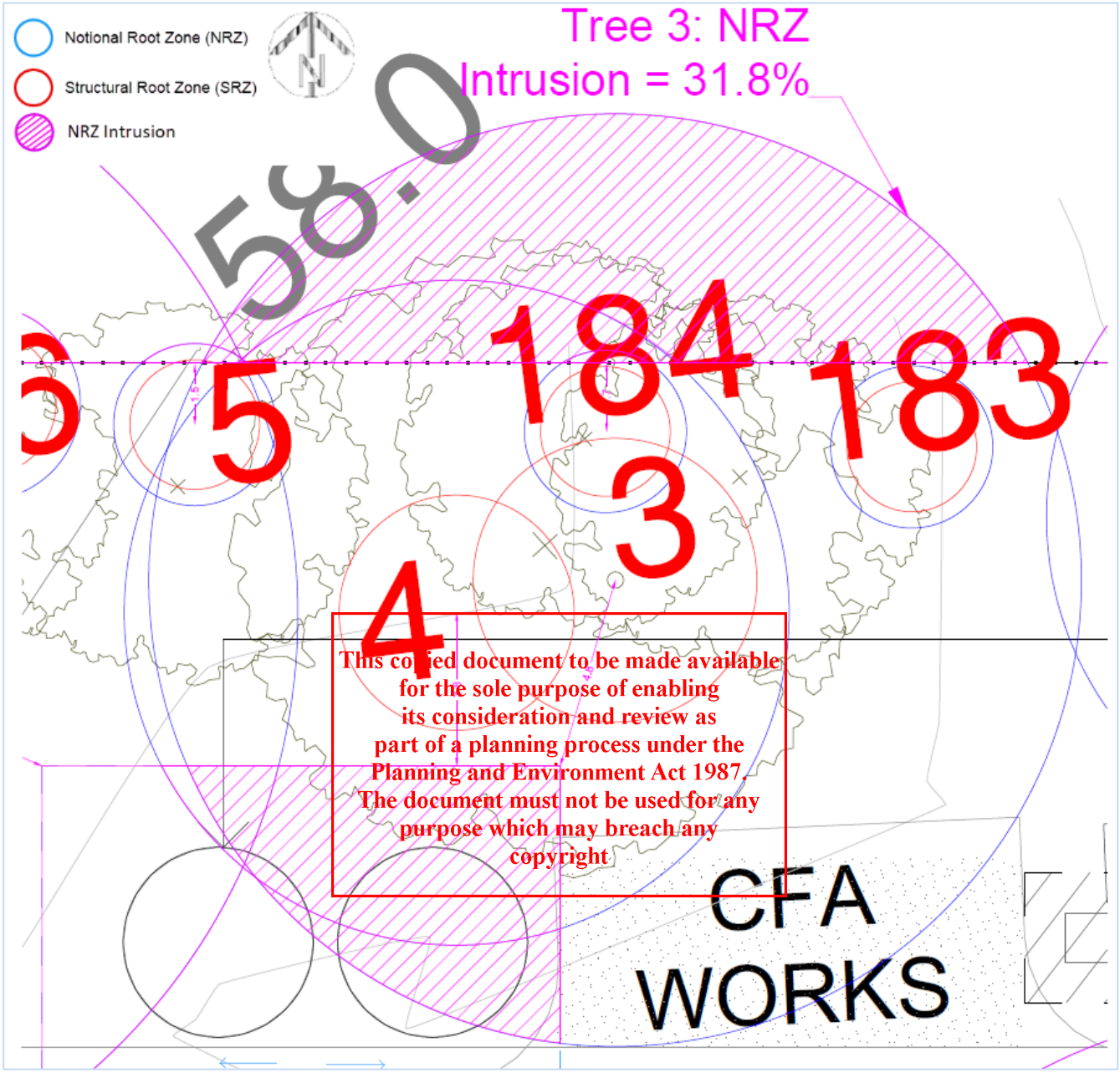


Figure 3 Tree 3 NRZ Intrusion

Tree 3 is a mature Eucalyptus botryoides (Southern Mahogany) that exhibits Fair health and Fair structure and has a Useful Life Expectancy of 15 - 30 years. It is located on the subject site and has a retention value of High. This tree has a DSH of 96 cm, an SRZ of 3.5 m, a NRZ of 11.5 m and a construction impact of High.

The plans show the installation of a new boundary fence within the NRZ of tree 3. There is also a concrete pad and water tanks within the NRZ of tree 3 that appears to have been constructed subsequent to Nicole Vickridges last site inspection.

The combined intrusion presented by the concrete area and the new boundary fence result in an NRZ intrusion of 31.8% (Refer to Figure 3 above). No details have been provided on the construction of the new fence or the concrete pad. The construction impact should be updated once details regarding the proposed construction techniques are available.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments over 20%, or within the SRZ, are considered to be a major encroachment.

Under AS4970 (2025), relevant factors as to whether Tree 3 will remain viable include:

- Tree 3 was observed to be in fair health, and based on the plans provided, there are opportunities (to the west and east) to incorporate an area equivalent to the encroachment into a Tree Protection Zone.
- Provided the proposed fence can be constructed with no strip or sheet footing and with postholes that minimise excavation, the loss of root mass (and soil volume) resulting from the fencing will be minimal.
- The remaining intrusion presented by the installation of the concrete pad is minimal and is not likely to impact on the useful life expectancy of Tree 3.

The new boundary fencing should be constructed with no strip or sheet footing and with postholes that minimise excavation.

Tree 3 is likely to remain viable if the recommendations of this report are effectively implemented.

17.4.3. Tree 4

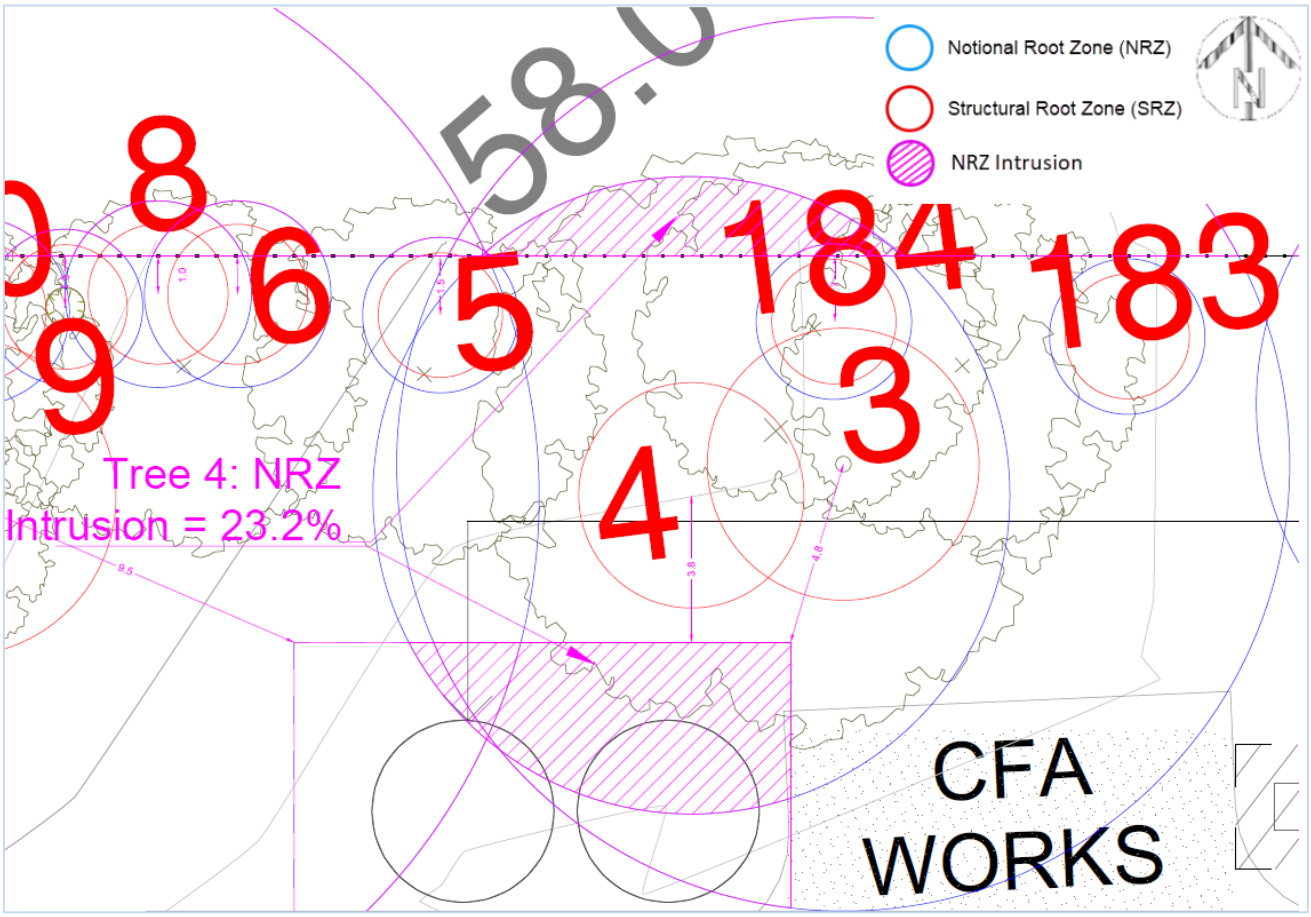


Figure 4 Tree 4 NRZ Intrusion

Tree 4 is an over mature Eucalyptus sp. (Gum) that exhibits Dead health and Poor structure and has a Useful Life Expectancy of 0 years. It is located on the subject site and has a retention value of Very low. This tree has a DSH of 68 cm, an SRZ of 2.9 m, a NRZ of 8.2 m and a construction impact of High.

As this tree is already dead, it is not expected that the proposed development will have an impact on this tree. However, as the encroachment is comprised of new boundary fencing, the fencing should be constructed with no strip or sheet footing and with postholes that minimise excavation, in order to protect the existing root structure and stability.

17.4.4. Tree 7

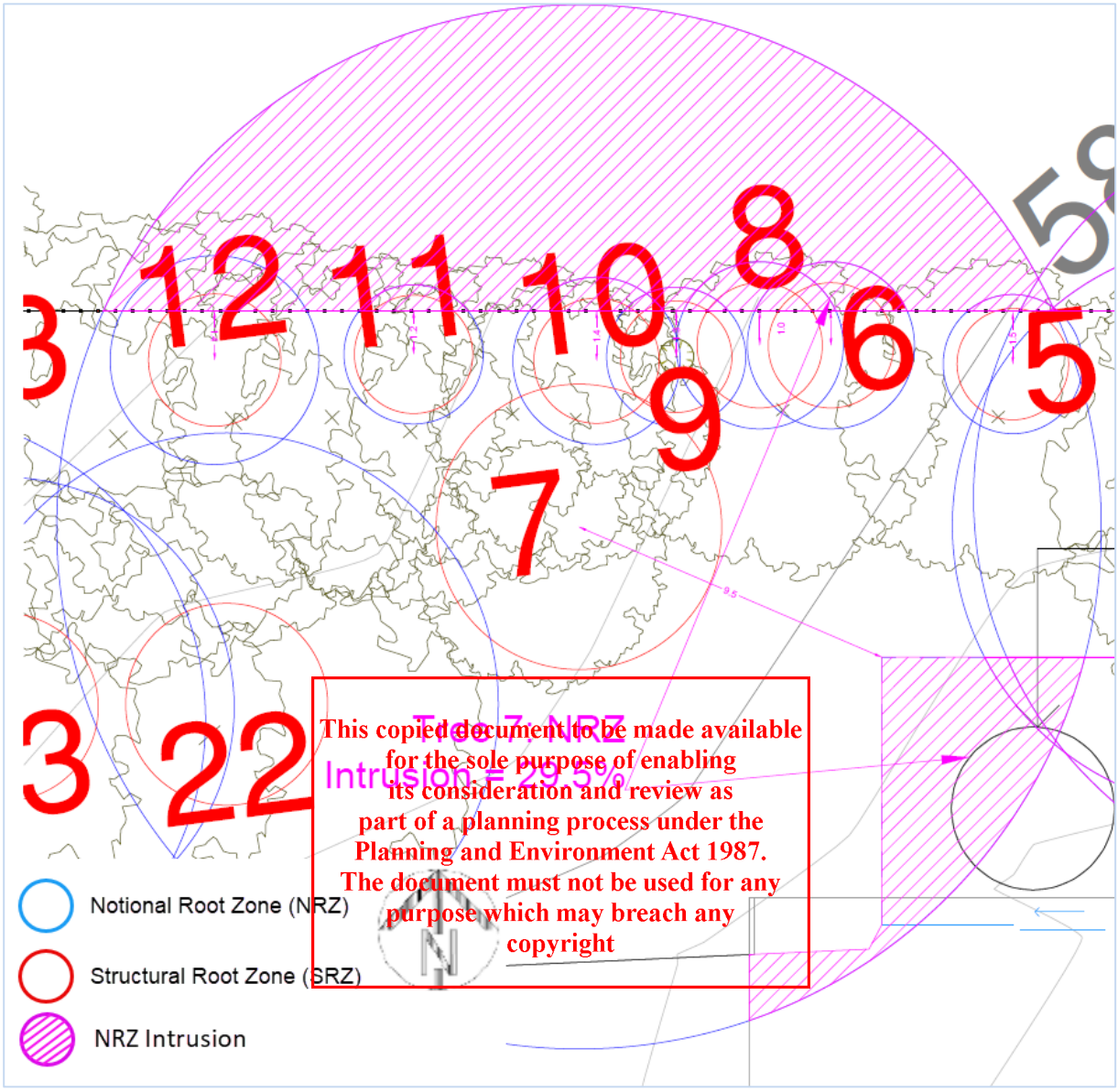


Figure 5 Tree 7 NRZ Intrusion

Tree 7 is a mature Eucalyptus botryoides (Southern Mahogany) that exhibits Good health and Fair structure and has a Useful Life Expectancy of 15 - 30 years. It is located on the subject site and has a retention value of Very high. This tree has a DSH of 150 cm, an SRZ of 4.1 m, a NRZ of 15 m and a construction impact of High.

The plans show the installation of a new boundary fence within the NRZ of tree 7. There is also a concrete pad and water tanks within the NRZ of tree 7 that appears to have been constructed subsequent to Nicole Vickridges last site inspection.

The combined intrusion presented by the concrete area and the new boundary fence result in an NRZ intrusion of 29.5% (Refer to Figure 5 above). No details have been provided on the construction of the new fence or the concrete pad. The construction impact should be updated once details regarding the proposed construction techniques are available.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments over 20%, or within the SRZ, are considered to be a major encroachment.

Under AS4970 (2025), relevant factors as to whether Tree 7 will remain viable include:

- Tree 7 was observed to be in good health, and based on the plans provided, there are opportunities (to the west) to incorporate an area equivalent to the encroachment into a Tree Protection Zone.
- Provided the proposed fence can be constructed with no strip or sheet footing and with postholes that minimise excavation, the loss of root mass (and soil volume) resulting from the fencing will be minimal.
- The remaining intrusion presented by the installation of the concrete pad is minimal and is not likely to impact on the useful life expectancy of Tree 7.

The new boundary fencing should be constructed with no strip or sheet footing and with postholes that minimise excavation.

Tree 7 is likely to remain viable if the recommendations of this report are effectively implemented.

17.4.5. Tree 26

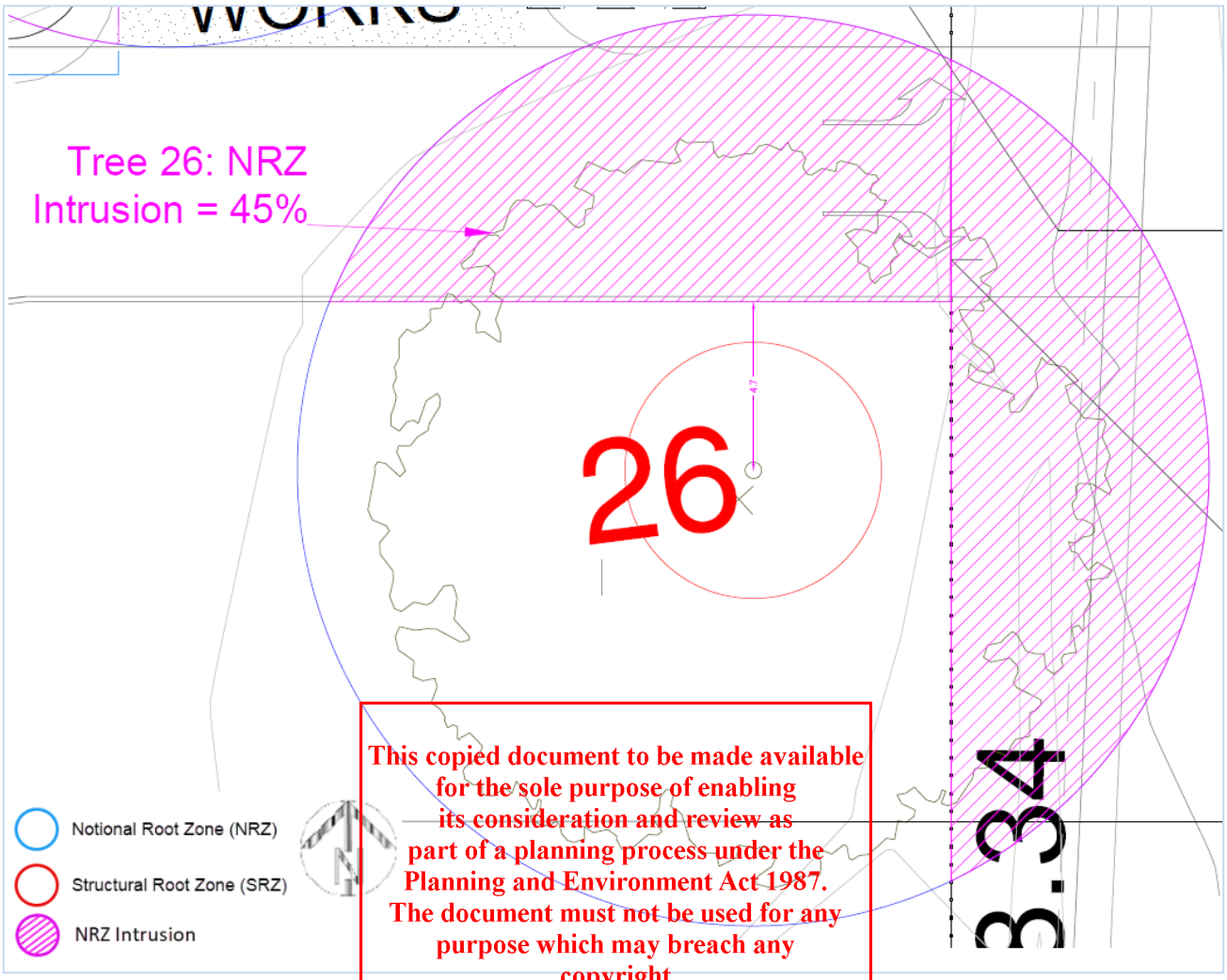


Figure 6 Tree 26 NRZ Intrusion

Tree 26 is a mature Pinus radiata (Monterey Pine) that exhibits Good health and Good structure and has a Useful Life Expectancy of 15 - 30 years. It is located on the subject site and has a retention value of High. This tree has a DSH of 107 cm, an SRZ of 3.6 m, a NRZ of 12.8 m and a construction impact of None.

The plans show the installation of a new boundary fence and the construction of a new road within the NRZ of tree 26.

The combined intrusion presented by the new road area and the new boundary fence result in an NRZ intrusion of 45% (Refer to Figure 6 above). No details have been provided on the construction of the new fence or the new road. The construction impact should be updated once details regarding the proposed construction techniques are available.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments over 20%, or within the SRZ, are considered to be a major encroachment.

Under AS4970 (2025), relevant factors as to whether Tree 26 will remain viable include:

- Tree 26 was observed to be in good health, and based on the plans provided, there are opportunities (to the south) to incorporate an area equivalent to the encroachment into a Tree Protection Zone.

- Provided the proposed fence can be constructed with no strip or sheet footing and with postholes that minimise excavation, the loss of root mass (and soil volume) resulting from the fencing will be minimal.
- The remaining intrusion presented by the construction of the new road is still major (26.8% of the total intrusion is due to the new road) however, the entirety of this intrusion occurs outside of the SRZ of tree 26. Furthermore, the construction of the new road occurs in an area where an existing road was in place so it is unlikely that there is any significant root mass present in that area.

The new boundary fencing should be constructed with no strip or sheet footing and with postholes that minimise excavation.

Tree 26 is likely to remain viable if the recommendations of this report are effectively implemented.

17.4.6. Tree 162

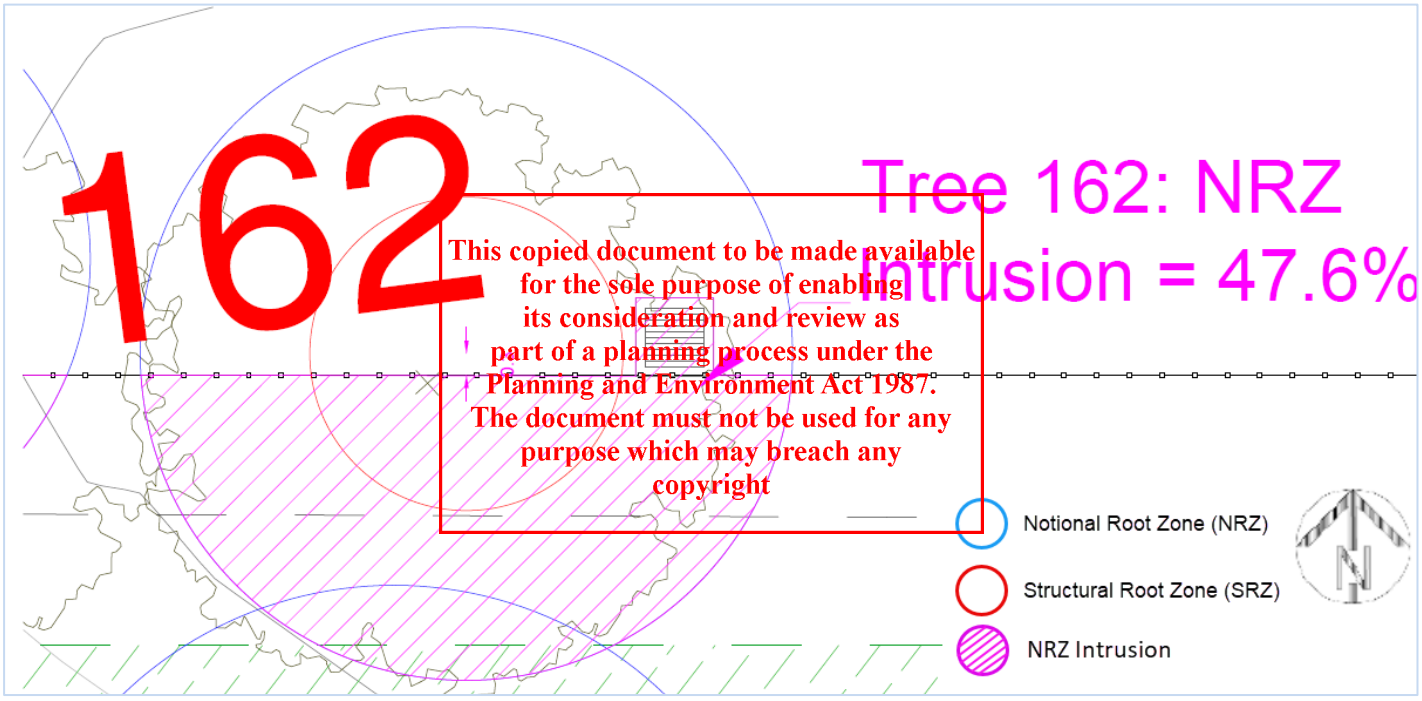


Figure 7 Tree 162 NRZ Intrusion

Tree 162 is a mature Corymbia maculata (Spotted Gum) that exhibits Fair health and Fair structure and has a Useful Life Expectancy of 15 - 30 years. It is located on the subject site and has a retention value of Moderate. This tree has a DSH of 42 cm, an SRZ of 2.4 m, a NRZ of 5 m and a construction impact of High.

The plans show the installation of a new boundary fence within the NRZ, and into the SRZ of Tree 162, along with the installation of a storm water pit, resulting in an NRZ intrusion of 47.6% (Refer to Figure 7 above). No details have been provided on the construction of the new fence or the storm water pit. The construction impact should be updated once details regarding the proposed construction techniques are available.

The installation of storm water pits located along the northern edge of the new swale is marked on the plans provided, however there is no excavation or drainage connecting these storm water pits shown on the site plan.

It has been assumed that there will be drainage linking these storm water pits and this drainage is routed underneath Tree 162.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments over 20%, or within the SRZ, are considered to be a major encroachment.

The construction of a new boundary fence occurs almost immediately adjacent to the trunk of Tree 162 (approximately 0.3 metres).

Based on the extent and nature of the encroachments into the NRZ and SRZ of Tree 162, this tree is unlikely to remain viable.

Tree 162 is unlikely to remain viable based on the plans provided.

17.4.7. Tree 191

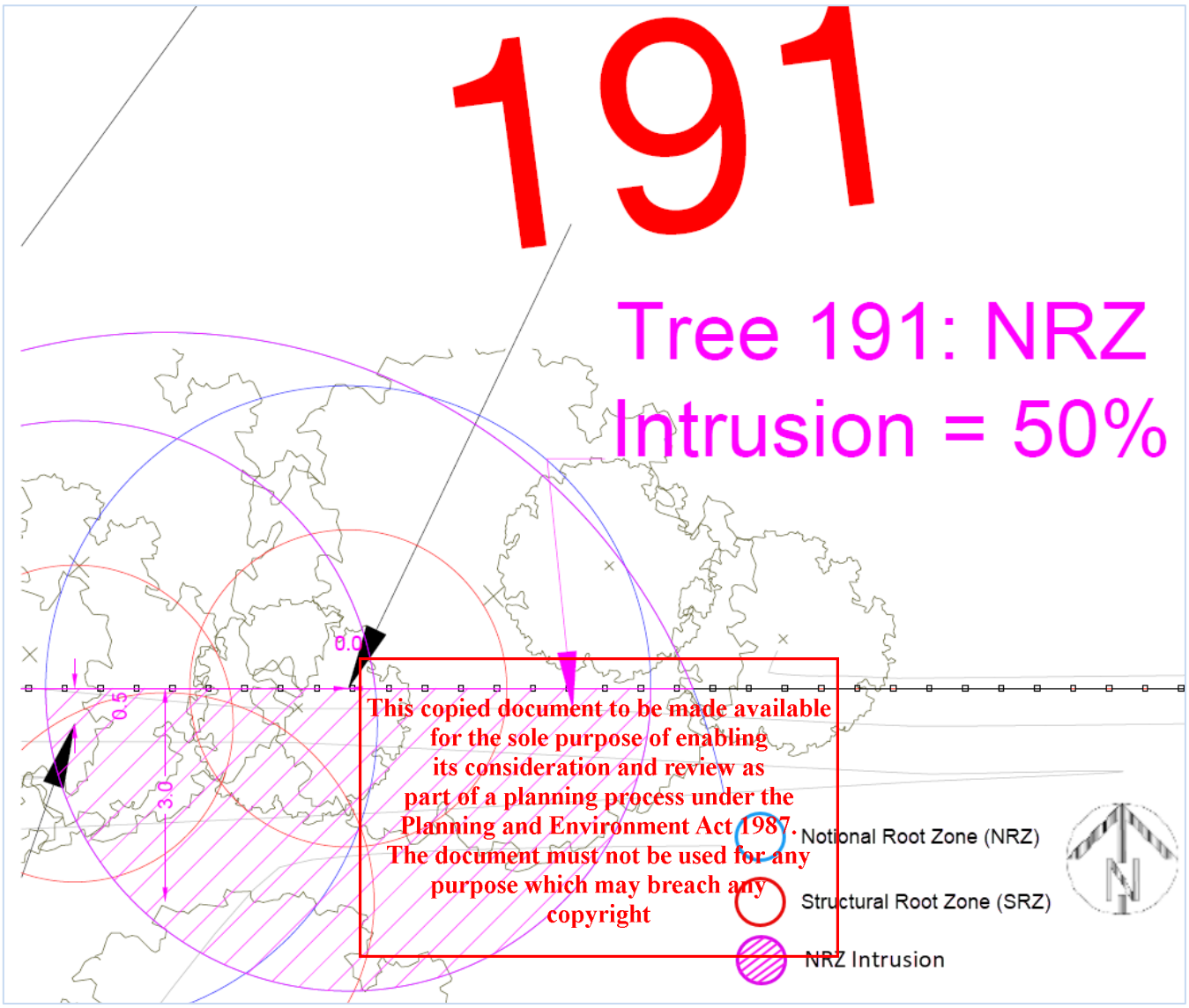


Figure 8 Tree 191 NRZ Intrusion

Tree 191 is a mature Fraxinus angustifolia (Narrow Leaf Ash) that exhibits Good health and Fair structure and has a Useful Life Expectancy of 30 - 60 years. It is located on an adjoining property and has a retention value of Moderate. This tree has a DSH of 35 cm, an SRZ of 2.2 m, a NRZ of 4.2 m and a construction impact of High.

The plans show the installation of a new boundary fence within the NRZ, and into the SRZ of Tree 191, resulting in an NRZ intrusion of 50% (Refer to Figure 8 above). No details have been provided on the construction of the new fence. The construction impact should be updated once details regarding the proposed construction techniques are available.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments over 20%, or within the SRZ, are considered to be a major encroachment.

The construction of a new boundary fence occurs almost immediately adjacent to the trunk of Tree 191 (less than 0.2 metres).

Based on the extent and nature of the encroachments into the NRZ of Tree 191, this tree is unlikely to remain viable.

Tree 191 is unlikely to remain viable based on the plans provided.

17.4.8. Tree 209

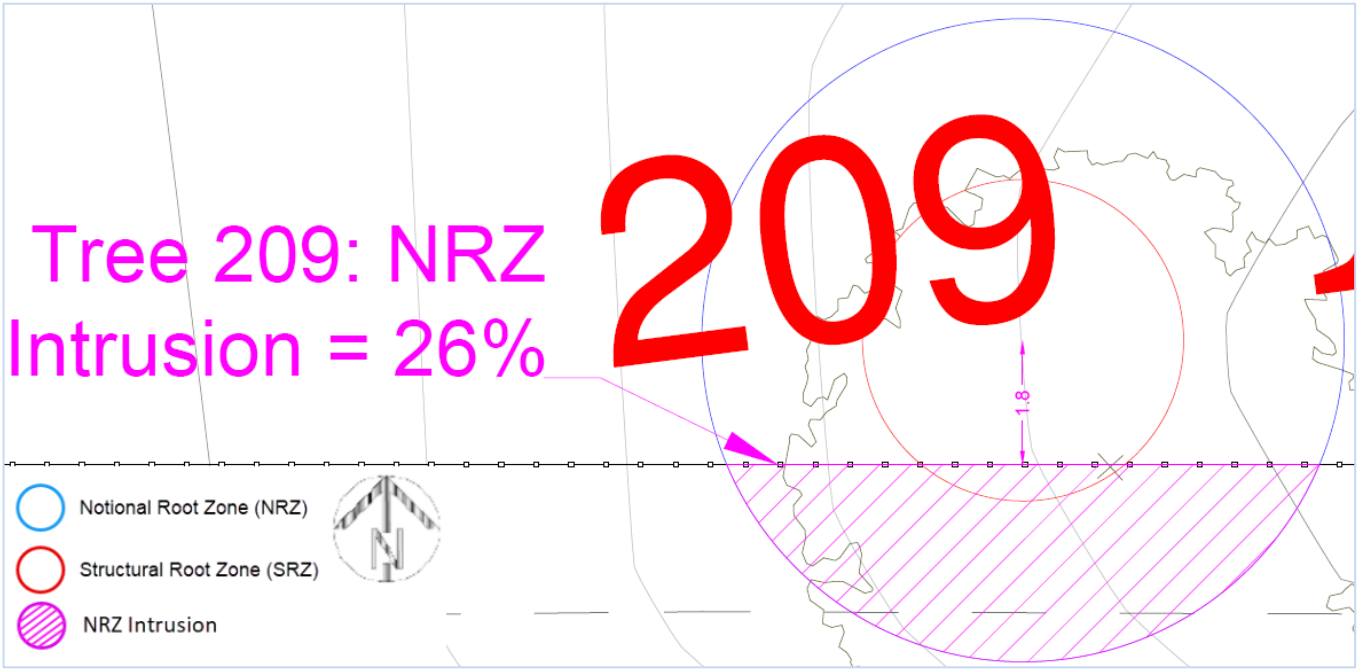


Figure 9 Tree 209 NRZ Intrusion

Tree 209 is a mature Corymbia maculata (Spotted Gum) that exhibits Good health and Fair structure and has a Useful Life Expectancy of 30 - 60 years. It is located on the subject site and has a retention value of Low. This tree has a DSH of 38 cm, an SRZ of 2.3 m, a NRZ of 4.6 m and a construction impact of High.

The plans show the installation of a new boundary fence within the NRZ, and into the SRZ of Tree 209, also shown on the plans is the installation of storm water pits along the northern edge of the new swale, resulting in an NRZ intrusion of 47.6% (Refer to Figure 9 above). No details have been provided on the construction of the new fence or the storm water pit. The construction impact should be updated once details regarding the proposed construction techniques are available.

The installation of storm water pits located along the northern edge of the new swale is marked on the plans provided, however there is no excavation or drainage connecting these storm water pits shown on the site plan.

It has been assumed that there will be drainage linking these storm water pits and this drainage is routed underneath Tree 209.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments over 20%, or within the SRZ, are considered to be a major encroachment.

Based on the extent and nature of the encroachments into the NRZ and SRZ of Tree 209, this tree is unlikely to remain viable.

Tree 209 is unlikely to remain viable based on the plans provided.

17.4.9. Tree 213

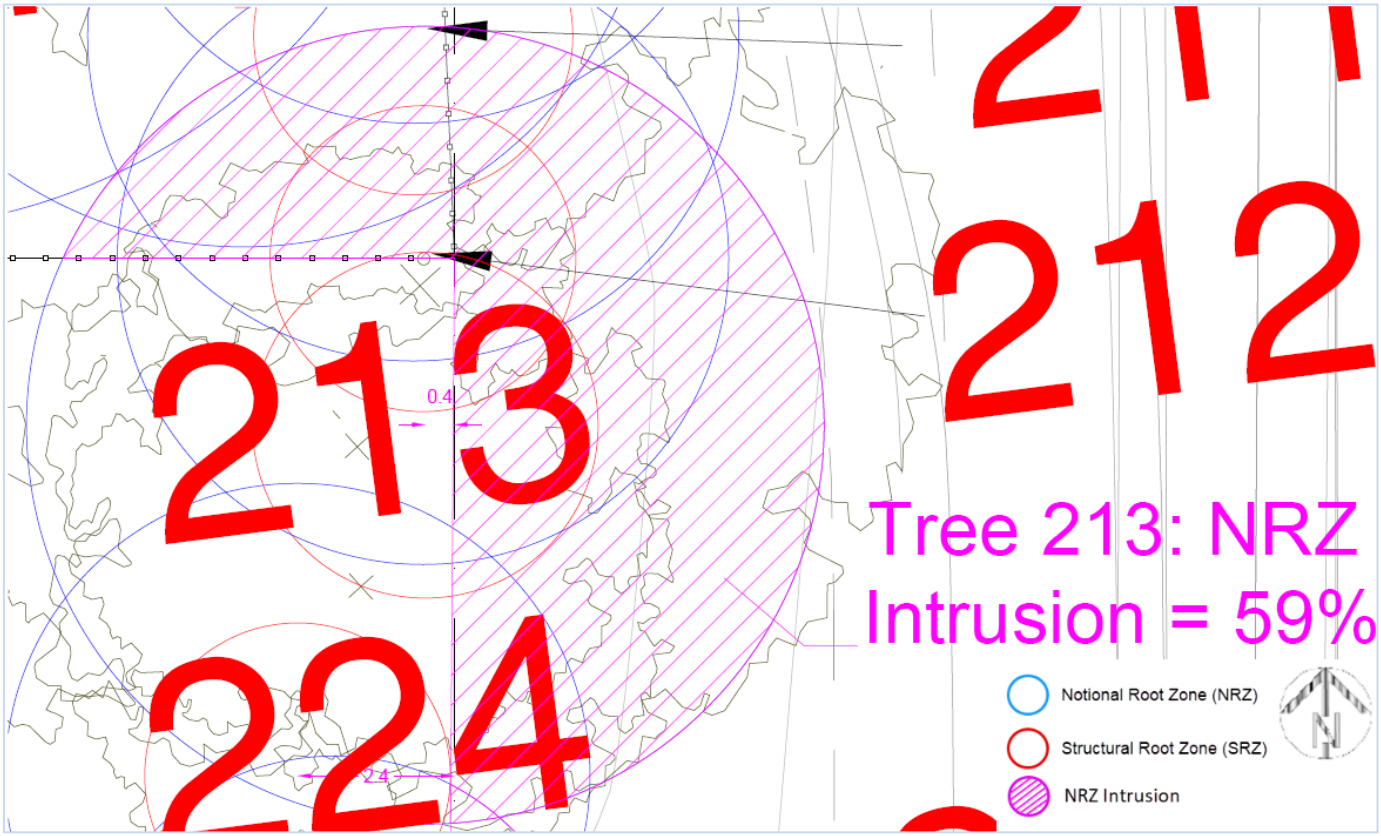


Figure 10 Tree 213 NRZ Intrusion

Tree 213 is a mature Melaleuca armillaris (Giant Honey Myrtle) that exhibits Good health and Poor structure and has a Useful Life Expectancy of 5 - 15 years. It is located on the subject site and has a retention value of Remove. This tree has a DSH of 50 cm, an SRZ of 2.6 m, a NRZ of 6 m and a construction impact of High.

The plans show the installation of a new boundary fence within the NRZ, and into the SRZ of Tree 213, resulting in an NRZ intrusion of 59% (Refer to Figure 11 above). No details have been provided on the construction of the new fence. The construction impact should be updated once details regarding the proposed construction techniques are available.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments over 20%, or within the SRZ, are considered to be a major encroachment.

The construction of a new boundary fence occurs almost immediately adjacent to the trunk of Tree 215 (approximately 0.4 metres).

Based on the extent and nature of the encroachments into the NRZ of Tree 213, this tree is unlikely to remain viable.

Tree 213 is unlikely to remain viable based on the plans provided.

17.4.10. Tree 215

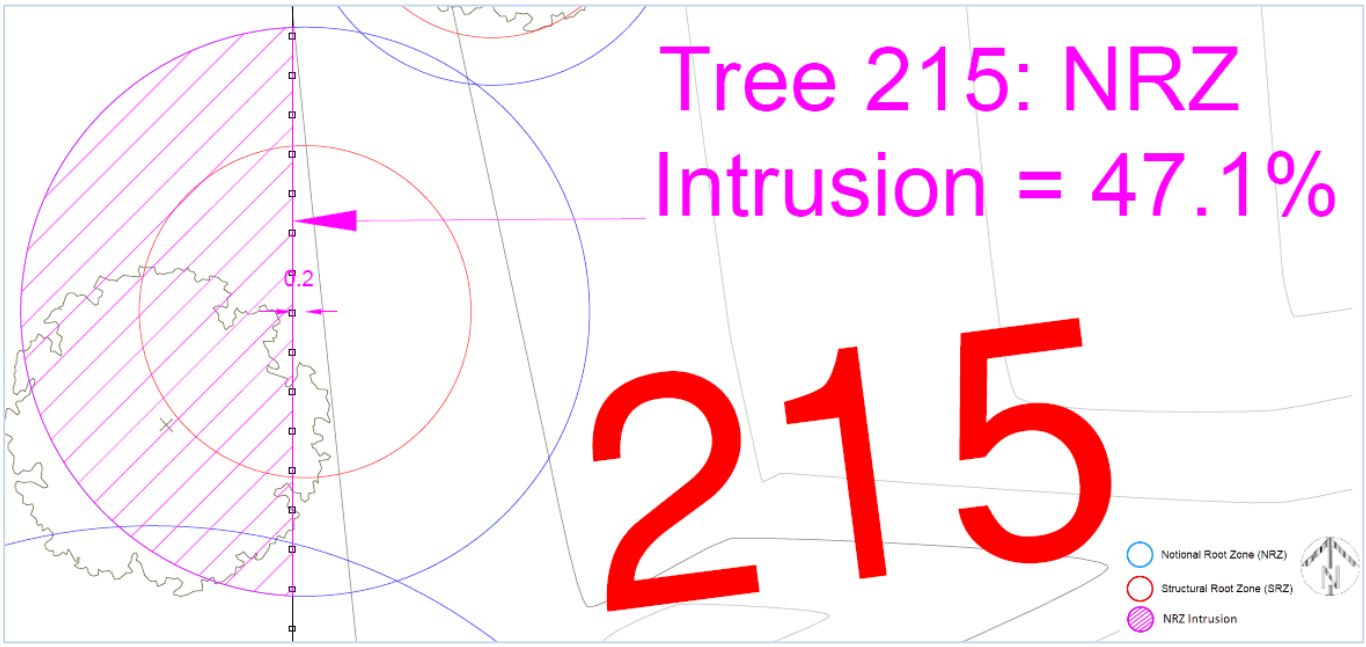


Figure 11 Tree 215 NRZ Intrusion

Tree 215 is a mature Eucalyptus botryoides (Southern Mahogany) that exhibits Fair health and Fair structure and has a Useful Life Expectancy of 15 - 30 years. It is located on the subject site and has a retention value of Moderate. This tree has a DSH of 30 cm, an SRZ of 2.1 m, a NRZ of 3.6 m and a construction impact of High.

The plans show the installation of a new boundary fence within the NRZ, and into the SRZ of Tree 215, resulting in an NRZ intrusion of 47.1% (Refer to Figure 11 above). No details have been provided on the construction of the new fence. The construction impact should be updated once details regarding the proposed construction techniques are available.

Under AS 4970 (2025) Protection of Trees on Development Sites, encroachments over 20%, or within the SRZ, are considered to be a major encroachment.

The construction of a new boundary fence occurs almost immediately adjacent to the trunk of Tree 215 (approximately 0.2 metres).

Based on the extent and nature of the encroachments into the NRZ of Tree 215, this tree is unlikely to remain viable.

Tree 215 is unlikely to remain viable based on the plans provided.

17.4.11. Northern Boundary Intrusions

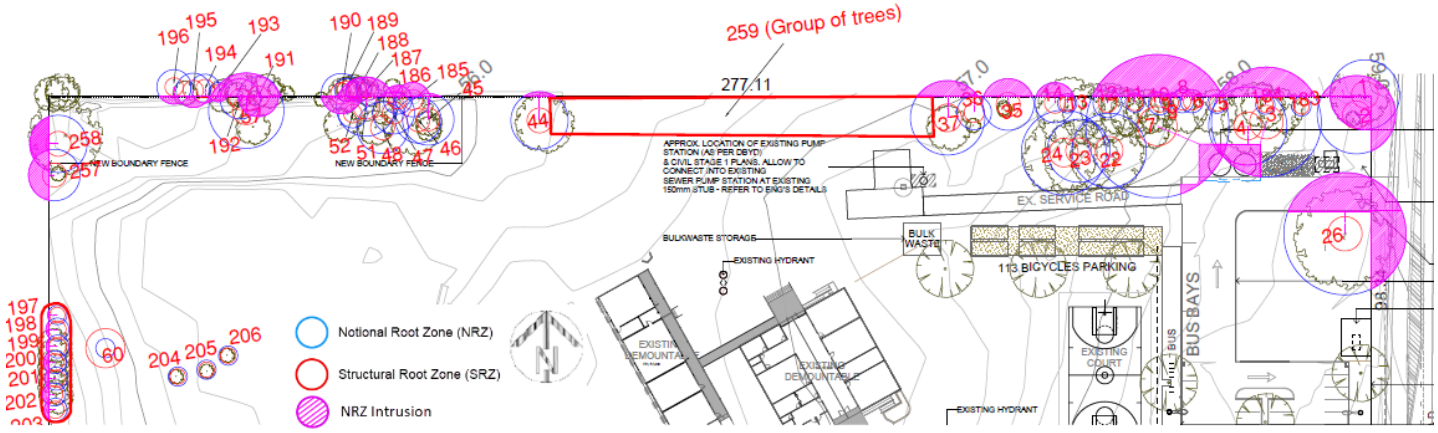


Figure 12 Northern Boundary Intrusion

17.4.12. Western Boundary Intrusions

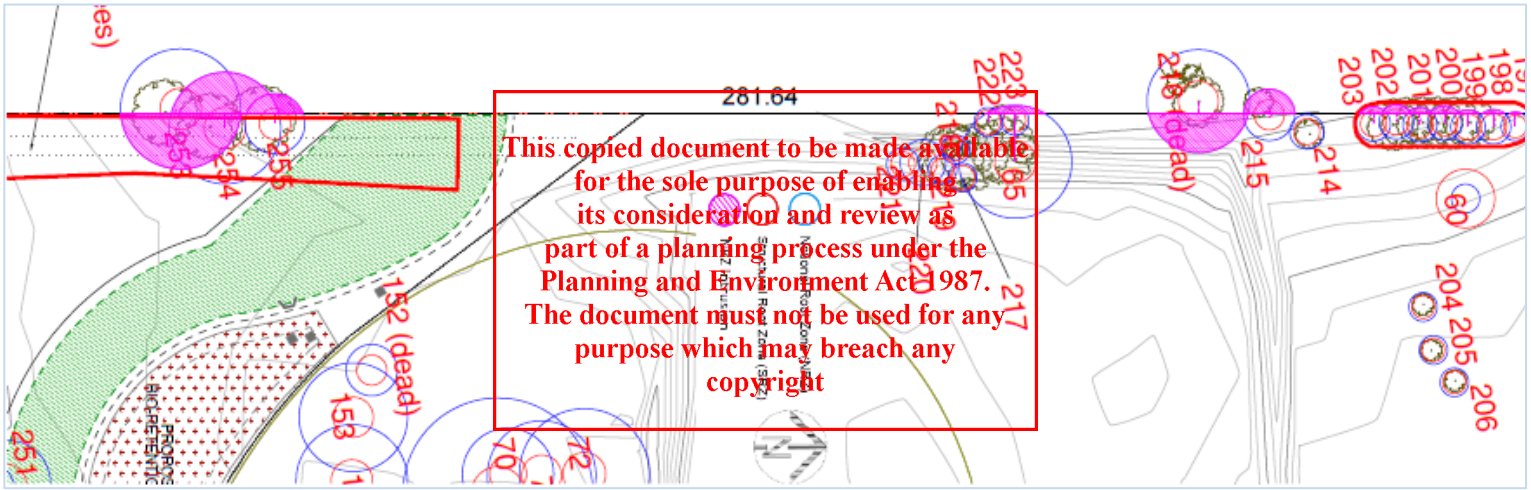


Figure 13 Western Boundary Intrusion

17.4.13. Southern Boundary Intrusions

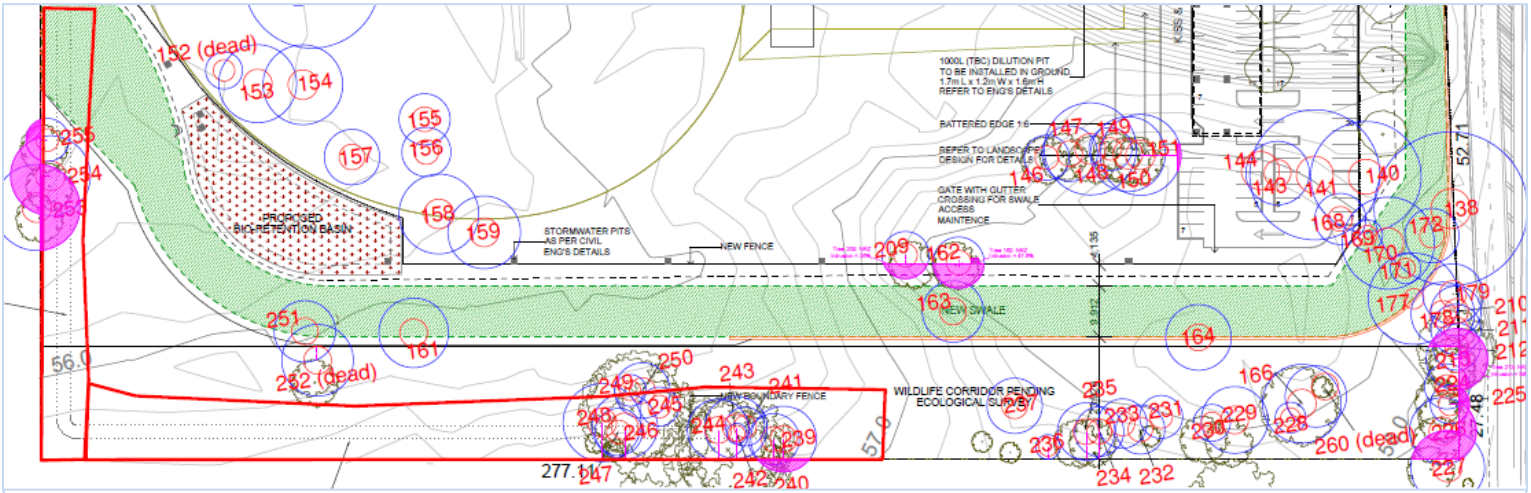


Figure 14 Southern Boundary Intrusion

17.4.14. Boundary Intrusions

As can be seen in Figure 12, Figure 13and Figure 14, there are a further number of intrusions into the NRZ's trees situated along the northern, western and southern boundaries. Each of these remaining intrusions are solely a result of the installation of the new boundary fence.

- Provided the proposed fence can be constructed with no strip or sheet footing and with postholes that minimise excavation, the loss of root mass (and soil volume) resulting from the fencing will be minimal.

All of these trees situated along the boundaries are likely to remain viable if the recommendations of this report are effectively implemented.

17.5. Drainage

On the plans provided there is the provision for the installation of storm water pits located along the northern edge of the new swale, however there is no excavation or drainage connecting these storm water pits shown on the site plan.

- It has been assumed that there will be drainage installed linking these storm water pits.

No details have been provided on the proposed construction methods. The construction impact should be updated once details regarding the proposed construction techniques are available.

18. Recommendations

The following recommendations should be adopted to ensure the successful retention of those trees that are proposed to be retained.

1. New boundary fencing should be constructed with no strip or sheet footing and with postholes that minimise excavation.
    a. Post holes should be located outside of the SRZ of any tree.
    b. If a posthole is within the SRZ of a tree, it must be hand dug and excavation is to be minimised so as not to damage the structural roots of the tree.
2. Plans should be updated to reduce construction impacts on trees 1, 162, 191, 209, and 215 or show trees 1, 162, 191, 209, and 215 as removed.
3. A services plan should be created for this site and this construction impact report should be revised as required to ensure that services installation impacts on retained trees are avoided.
4. A Tree Management Plan should be created for this site to inform tree management guide construction within the Tree Protection Zones for retained trees.

19. Construction – no impact

The following trees are regarded as being suitable for retention and are unlikely to suffer any significant impact from the proposed development.

While significant care may be required to successfully retain these trees, no modification of the plans or special precautions are likely to be required to ensure this outcome. If these trees are to be retained then they should be protected during construction as outlined in Section 25 - Tree Protection Guidelines.

ID	Genus / species	DSH	SRZ	NRZ:	mTPZ	ConP	Ret Value	Retained
The following 24 tree/s are shown as Retained on the plans provided.								
23	*Pinus radiata*	55	2.7	6.6	= TPZ	6.6	High	Retained
24	*Pinus radiata*	74	3	8.9	= TPZ	8.88	High	Retained
26	*Pinus radiata*	107	3.6	12.8	= TPZ	12.84	High	Retained
36	*Callistemon viminalis*	30	2.1	3.6	= TPZ	3.3	Very low	Retained
46	*Angophora costata*	40	2.4	4.8	= TPZ	4.8	High	Retained
48	*Melaleuca linariifolia*	45	2.5	5.4	= TPZ	5.4	Low	Retained
149	*Melaleuca armillaris*	35	2.2	4.2	= TPZ	4.2	Low	Retained
150	*Melaleuca armillaris*	61	2.8	7.3	= TPZ	7.32	Low	Retained
166	*Eucalyptus cephalocarpa*	64	2.8	7.7	= TPZ	7.68	Moderate	Retained
214	*Salix sp.*	20	1.8	2.4	= TPZ	2.4	Low	Retained
217	*Eucalyptus botryoides*	17	1.7	2.0	= TPZ	2.04	Moderate	Retained
ID	**Genus / species**	**DSH**	**SRZ**	**NRZ:**	**mTPZ**	**ConP**	**Ret Value**	**Retained**
220	*Eucalyptus botryoides*	27	2	3.2	= TPZ	3.24	High	Retained
221	*Eucalyptus botryoides*	19	1.7	2.3	= TPZ	2.28	Moderate	Retained
228	*Agonis flexuosa*	25	1.9	3.0	= TPZ	3	Very low	Retained
229	*Melaleuca armillaris*	54	2.7	6.5	= TPZ	6.48	Low	Retained
230	*Agonis flexuosa*	30	2.1	3.6	= TPZ	3.6	Very low	Retained
231	*Melaleuca styphelioides*	35	2.2	4.2	= TPZ	4.2	Low	Retained
236	*Melaleuca armillaris*	20	1.8	2.4	= TPZ	2.3	Very low	Retained
241	*Eucalyptus ovata*	32	2.2	3.8	= TPZ	3.84	Low	Retained
244	*Eucalyptus ovata*	50	2.6	6.0	= TPZ	5.6	Moderate	Retained
245	*Eucalyptus sp.*	32	2.2	3.8	= TPZ	3.84	Low	Retained
246	*Eucalyptus ovata*	53	2.6	6.4	= TPZ	6.3	Low	Retained
247	*Eucalyptus ovata*	38	2.3	4.6	= TPZ	4.56	Low	Retained
248	*Eucalyptus ovata*	63	2.8	7.6	= TPZ	7	Low	Retained

SRZ: Structural Root Zone. NRZ: Notional Root Zone. mTPZ: Notional Root Zone + (Canopy) ConP: Construction Proximity.

Number of trees in this section Total): 24

20. Trees shown as removed

The following trees are shown as removed on the plans provided.

ID	Genus / species	Common name	ULE	Ret value
The retention value for the following 11 tree/s is High				
69	*Eucalyptus ovata*	Swamp Gum	15 - 30	High
70	*Pinus radiata*	Monterey Pine	15 - 30	High
71	*Pinus radiata*	Monterey Pine	15 - 30	High
143	*Pinus radiata*	Monterey Pine	15 - 30	High
144	*Pinus radiata*	Monterey Pine	15 - 30	High
153	*Eucalyptus ovata*	Swamp Gum	15 - 30	High
156	*Eucalyptus ovata*	Swamp Gum	> 60	High
159	*Eucalyptus ovata*	Swamp Gum	> 60	High
164	*Cupressus torulosa*	Torulosa Cypress	> 60	High
177	*Angophora costata*	Sydney Apple Gum	30 - 60	High
178	*Angophora costata*	Sydney Apple Gum	15 - 30	High
The retention value for the following 9 tree/s is Low				
155	*Eucalyptus ovata*	Swamp Gum	30 - 60	Low
157	*Eucalyptus ovata*	Swamp Gum	15 - 30	Low
158	*Eucalyptus ovata*	Swamp Gum	5 - 15	Low
168	*Angophora costata*	Sydney Apple Gum	15 - 30	Low
169	*Photinia serrulata*	Chinese Hawthorn	5 - 15	Low
171	*Melaleuca styphelioides*	Prickly Paperbark	5 - 15	Low
179	*Hesperocyparis lusitanica*	Mexican Cypress	15 - 30	Low
207	*Pinus radiata*	Monterey Pine	30 - 60	Low
212	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Low

The retention value for the following 5 tree/s is Moderate			
154 *Pinus radiata*	Monterey Pine	15 - 30	Moderate
161 *Eucalyptus ovata*	Swamp Gum	30 - 60	Moderate
172 *Angophora costata*	Sydney Apple Gum	30 - 60	Moderate
208 *Eucalyptus botryoides*	Southern Mahogany	> 60	Moderate
251 *Eucalyptus ovata*	Swamp Gum	30 - 60	Moderate
The retention value for the following 12 tree/s is Remove.			
52 *Agonis flexuosa*	West Australian Willow Myrtle	1 - 5	Remove.
60 *Salix sp.*	Willow	1 - 5	Remove.
72 *Pinus radiata*	Monterey Pine	0	Remove.
138 *Pinus radiata*	Monterey Pine	5 - 15	Remove.
140 *Pinus radiata*	Monterey Pine	5 - 15	Remove.
141 *Pinus radiata*	Monterey Pine	5 - 15	Remove.
152 *Acacia dealbata*	Silver Wattle	0	Remove.
163 *Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
167 *Eucalyptus sp.*	Gum	0	Remove.
170 *Angophora costata*	Sydney Apple Gum	5 - 15	Remove.
210 *Melaleuca armillaris*	Giant Honey Myrtle	1 - 5	Remove.
211 *Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
The retention value for the following 3 tree/s is Very low			
238 *Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
256 *Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
259 *Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
Number of tree/s in this section (Total): 40			

21. Trees recommended for removal

The following trees are recommended for removal generally on the basis of poor, or worse, health and/or structure.

ID	*Genus / species*	*Common name*	*ULE*	*Reason:*	*Ret value*
The following 12 tree/s are shown as Removed on the plans provided.					
52	*Agonis flexuosa*	West Australian Willow Myrtle	1 - 5		Structure ULE. Remove.
60	*Salix sp.*	Willow	1 - 5	Structure ULE.	Remove.
72	*Pinus radiata*	Monterey Pine	0	Health ULE.	Remove.
138	*Pinus radiata*	Monterey Pine	5 - 15	Structure ULE.	Remove.
140	*Pinus radiata*	Monterey Pine	5 - 15	Structure ULE.	Remove.
141	*Pinus radiata*	Monterey Pine	5 - 15	Structure ULE.	Remove.
152	*Acacia dealbata*	Silver Wattle	0	Health ULE.	Remove.
163	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.
167	*Eucalyptus sp.*	Gum	0	Health ULE.	Remove.
170	*Angophora costata*	Sydney Apple Gum	5 - 15	Structure ULE.	Remove.
210	*Melaleuca armillaris*	Giant Honey Myrtle	1 - 5	Health ULE.	Remove.
211	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.
The following 18 tree/s are shown as Retained on the plans provided.					
13	*Callistemon salignus*	Willow Bottlebrush	1 - 5	N/A.	Remove.
146	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.
147	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.
148	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.
151	*Melaleuca armillaris*	Giant Honey Myrtle	1 - 5	Structure ULE.	Remove.
199	*Melaleuca armillaris*	Giant Honey Myrtle	0	Health ULE.	Remove.
213	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.
232	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.
233	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.

234	*Melaleuca armillaris*	Giant Honey Myrtle	1 - 5	Structure ULE.	Remove.
235	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.
237	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Structure ULE.	Remove.
239	*Eucalyptus sp.*	Gum	0	Health ULE.	Remove.
240	*Eucalyptus sp.*	Gum	0	Health ULE.	Remove.
243	*Eucalyptus sp.*	Gum	0	Health ULE.	Remove.
249	*Corymbia maculata*	Spotted Gum	5 - 15	Structure ULE.	Remove.
250	*Eucalyptus sp.*	Gum	1 - 5	Structure ULE.	Remove.
252	*Eucalyptus sp.*	Gum	0	Health ULE.	Remove.
Number of tree/s in this section (Total): 30					

22. Works required

The following section pertains to those trees that are recommended for retention (Retention recommendation).

If any of these trees are retained then the listed works should be performed as per the Priority section of the Explanation of Terms. The recommended works are of a general nature only and should be reviewed following the completion of the project.

No works are recommended on the trees to be retained on this site.

23. Weed species

The following trees are regarded by authorities as being environmental weeds (Muyt, 2001) (Yarra Ranges, 2004). Consideration should be given to the removal of these trees on the basis of their potential to contribute to environmental weed problems within the local area.

Trees located on adjoining properties are not included in this list.

ID	Genus / species	Common name	ULE	Ret value
22	*Pinus radiata*	Monterey Pine	15 - 30	High
23	*Pinus radiata*	Monterey Pine	15 - 30	High
24	*Pinus radiata*	Monterey Pine	15 - 30	High
26	*Pinus radiata*	Monterey Pine	15 - 30	High
60	*Salix sp.*	Willow	1 - 5	Remove.
70	*Pinus radiata*	Monterey Pine	15 - 30	High
71	*Pinus radiata*	Monterey Pine	15 - 30	High
72	*Pinus radiata*	Monterey Pine	0	Remove.
138	*Pinus radiata*	Monterey Pine	5 - 15	Remove.
140	*Pinus radiata*	Monterey Pine	5 - 15	Remove.
141	*Pinus radiata*	Monterey Pine	5 - 15	Remove.
143	*Pinus radiata*	Monterey Pine	15 - 30	High
144	*Pinus radiata*	Monterey Pine	15 - 30	High
146	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
147	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
148	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
149	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Low
150	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Low
151	*Melaleuca armillaris*	Giant Honey Myrtle	1 - 5	Remove.
154	*Pinus radiata*	Monterey Pine	15 - 30	Moderate
163	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
183	*Pinus radiata*	Monterey Pine	> 60	Low
184	*Pinus radiata*	Monterey Pine	> 60	Low
192	*Pittosporum undulatum*	Sweet Pittosporum	30 - 60	Very low
197	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Low
198	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Low
199	*Melaleuca armillaris*	Giant Honey Myrtle	0	Remove.

200	*Melaleuca armillaris*	Giant Honey Myrtle	15 - 30	Low
201	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Low
202	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Low
203	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Low
207	*Pinus radiata*	Monterey Pine	30 - 60	Low
210	*Melaleuca armillaris*	Giant Honey Myrtle	1 - 5	Remove.
211	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
212	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Low
213	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
214	*Salix sp.*	Willow	5 - 15	Low
ID	***Genus / species***	***Common name***	***ULE***	***Ret value***
222	*Pinus radiata*	Monterey Pine	30 - 60	Low
223	*Pinus radiata*	Monterey Pine	30 - 60	Low
224	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
225	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
226	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
229	*Melaleuca armillaris*	Giant Honey Myrtle	15 - 30	Low
232	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
233	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
234	*Melaleuca armillaris*	Giant Honey Myrtle	1 - 5	Remove.
235	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
236	*Melaleuca armillaris*	Giant Honey Myrtle	15 - 30	Very low
237	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Remove.
238	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
254	*Pinus radiata*	Monterey Pine	30 - 60	High
256	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
257	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
258	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
259	*Melaleuca armillaris*	Giant Honey Myrtle	5 - 15	Very low
Number of tree/s in this section (Total): 55				

24. References

Coder, K.D 1996, Construction Damage Assessments, University of Georgia. http://www.forestry.uga.edu/warnell/service/library/for96-039a/index.html

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Society for Growing Australian Plants Maroondah, 1991, *Flora of Melbourne*, *a guide to the indigenous plants of the greater Melbourne area,* Society for Growing Australian Plants, Maroondah.

Mattheck, C., Bethge, K. & Weber, K., 2015, *The body language of trees*, Karlsruhe Institute of Technology – Campus North, KS Druck GmbH, Germany.

Standards Australia, 2025, *AS 4970 - 2025 Protection of trees on development sites*, Standards Australia, Sydney.

25. Appendix 1 - Tree protection guidelines

The following tree protection guidelines should be observed as appropriate. Where it is not possible to comply with these recommendations alternative arrangements should be decided with a qualified arborist.

1. A site specific Tree Protection Report should be commissioned prior to the commencement of construction to guide construction activity around any retained trees on or adjacent to the site.
2. Clearly marked as being retained on the site to avoid confusion during the tree removal phase.
3. The stumps of removed trees should be ground out rather than pulled to avoid injury to adjacent trees.
4. Construction specifications should include the plan location of those trees that are to be retained.
5. Penalties should be included in the construction specifications for damage to trees that are to be retained.
6. The trees to be retained should be enclosed with a 1.8 meter high chain link fence supported on steel posts driven 0.6 meters into the ground.

    6.1. Tree protection fencing should be established as shown.

        6.1.1. If tree protection fencing is not detailed in the report it should enclose, at a minimum, the entire **Structural Root Zone** and as much of the **Tree Protection Zone** as possible.

    6.2. Access should be provided by a single gate that should be kept locked at all times except when required for tree inspection or maintenance.

    6.3. Tree protection fencing should be installed following the removal of trees and prior to any other works being commenced.

    6.4. The area inside the fence should be mulched to a depth of 0.15 meters with general arboricultural wood chip mulch or similar.

7. Where construction clearance is required and areas of the Tree Protection Zone cannot be fenced the ground in these areas should be protected from compaction with **Ground Protection.**

   7.1. **Ground Protection** can consist of any constructed platform that prevents point loads on the soil within the Tree Protection Zone. These could include:

      7.1.1. Industrial pallets joined together to form a platform.

      7.1.2. 12 mm plywood joined together to form a platform.

      7.1.3. Planks of timber joined together to form a platform.

   7.2. **Ground Protection** should be constructed with sufficient strength to allow it to survive the entire construction process.

   7.3. **Ground Protection** should be installed following the removal of trees and prior to any other works being commenced.

8. Excavation within the **Structural Root Zone** should be avoided unless absolutely necessary.

   8.1. Any excavation within the **Structural Root Zone** should be performed by hand.

   8.2. Any excavation within or tunnelling under the **Structural Root Zone** should be supervised by a qualified arborist.

   8.3. Any roots encountered from the retained trees should be pruned carefully and cleanly, preferably back to a branch root.

   8.4. Before any roots are pruned the effect of such pruning on the health and structural stability of the tree should be evaluated by a qualified arborist.

9. Excavation within the **Tree Protection Zone** should be avoided where possible.

   9.1. Any excavation within the **Tree Protection Zone** should be performed carefully to minimise root injury.

   9.2. Any roots encountered from the retained trees should be pruned carefully and cleanly, preferably back to a branch root.

   9.3. Before any excavation occurs the effect of such excavation on the health and structural stability of the tree should be evaluated by a qualified arborist.

10. Concrete and other washout or waste disposal areas should be kept well away from trees to be retained.

11. Where automatic irrigation systems are installed the amount of irrigation that is applied should be checked against the requirements of the existing trees on the site.

12. Any pruning works that are required to facilitate construction should be performed by a qualified arborist.

Adapted from Harris, Clark and Matheny (2004)

26. Appendix 2 - Tree data

Note: Where **Retention value** = "**Remove**" only the arboricultural attributes of the tree (i.e. health, structure and ULE) are considered. Other factors that may affect the decision to retain or remove the tree are not considered.

- Where the **'Construction Proximity'** is larger than the **'Notional Root Zone (NRZ)'** it is probable that the development will have **no significant impact on the health and longevity** of the tree.
- Where the '**Construction Proximity'** is larger than the '**Structural Root Zone (SRZ)'** it is probable that the development will have **no significant impact on the stability** of the tree.
- The following information should be read in conjunction with the **'Explanation of Terms'** and the **'Glossary / Notes'** sections found later in this report.

SRZ (m):	AS 4970-2025 Protection of trees on development sites. (Radius)	Total Number of trees
NRZ (m):	AS 4970-2025 Protection of trees on development sites (Radius)	145
mNRZ (m):	Modification to NRZ as required to protect canopy	
Construction Proximity:	0.1 indicates construction over or immediately adjacent to the tree	

Tree ID: 1

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m): 14
Width (m): 12
DSH (cm): 61 Measured
Origin: Victorian
Retained?: Retained
Retention Value: Moderate
Removal / retention reason: N/A
Amenity value: Moderate
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 15-30
Form: Fair

SRZ (m): ***2.8*** **Works priority:** N/A
NRZ (m): ***7.3*** ***Construction Proximity:*** ***0.4***
mTPZ (m): ***= TPZ***

Tree ID: 2

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m): 8
Width (m): 5
DSH (cm): 68 Measured
Origin: Australian
Retained?: Retained
Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Dead
Maturity: Over mature
ULE (years): 0
Form: Very poor

SRZ (m): ***2.9*** **Works priority:** N/A
NRZ (m): ***8.2*** ***Construction Proximity:*** ***3.2***
mTPZ (m): ***= TPZ***

Tree ID: 3

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m):	16	**Structure:**	Fair
Width (m):	13	**Health:**	Fair
DSH (cm):	96 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***3.5*** ***Works priority:*** N/A
NRZ (m): ***11.5*** ***Construction Proximity:*** ***4.8***
mTPZ (m): ***= TPZ***

Tree ID: 4

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m):	5	**Structure:**	Poor
Width (m):	3	**Health:**	Dead
DSH (cm):	68 Estimated	**Maturity:**	Over mature
Origin:	Australian	**ULE (years):**	0
Retained?:	Retained	**Form:**	Very poor

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.9*** ***Works priority:*** N/A
NRZ (m): ***8.2*** ***Construction Proximity:*** ***3.8***
mTPZ (m): ***= TPZ***

Tree ID: 5

Genus / species: *Callistemon viminalis*
Evergreen Weeping Bottlebrush

Height (m):	3	**Structure:**	Fair
Width (m):	3	**Health:**	Fair
DSH (cm):	15 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.5***
mTPZ (m): ***= TPZ***

Tree ID: 6

Genus / species: *Melaleuca linariifolia*

Evergreen Flax Leaf Paperbark

Height (m):	3	**Structure:**	Fair
Width (m):	3	**Health:**	Fair
DSH (cm):	20 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low

Removal / retention reason: N/A.

Amenity value: Very low

Works Required: N/A.

SRZ (m): ***1.8*** ***Works priority:*** N/A

NRZ (m): ***2.4*** ***Construction Proximity:*** ***1***

mTPZ (m): ***= TPZ***

Tree ID: 7

Genus / species: *Eucalyptus botryoides*

Evergreen Southern Mahogany

Height (m):	21	**Structure:**	Fair
Width (m):	17	**Health:**	Good
DSH (cm):	150 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Good

Retention Value: Very high

Removal / retention reason: N/A.

Amenity value: Very high

Works Required: N/A.

SRZ (m): ***4.1*** ***Works priority:*** N/A

NRZ (m): ***15.0*** ***Construction Proximity:*** ***9.5***

mTPZ (m): ***= TPZ***

Tree ID: 8

Genus / species: *Melaleuca linariifolia*

Evergreen Flax Leaf Paperbark

Height (m):	3	**Structure:**	Fair
Width (m):	2	**Health:**	Fair
DSH (cm):	20 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Poor

Retention Value: Very low

Removal / retention reason: N/A.

Amenity value: Very low

Works Required: N/A.

SRZ (m): ***1.8*** ***Works priority:*** N/A

NRZ (m): ***2.4*** ***Construction Proximity:*** ***1***

mTPZ (m): ***= TPZ***

Tree ID: 9

Genus / species: *Melaleuca linariifolia*

Evergreen Flax Leaf Paperbark

Height (m):	2	**Structure:**	Fair
Width (m):	1	**Health:**	Fair
DSH (cm):	15 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low

Removal / retention reason: N/A.

Amenity value: Very low

Works Required: N/A.

SRZ (m): ***1.6*** ***Works priority:*** N/A

NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.3***

mTPZ (m): ***= TPZ***

Tree ID: 10

Genus / species: *Melaleuca linariifolia*

Evergreen Flax Leaf Paperbark

Height (m):	3	**Structure:**	Fair
Width (m):	3	**Health:**	Fair
DSH (cm):	20 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low

Removal / retention reason: N/A.

Amenity value: Very low

Works Required: N/A.

SRZ (m): ***1.8*** ***Works priority:*** N/A

NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.4***

mTPZ (m): ***= TPZ***

Tree ID: 11

Genus / species: *Callistemon salignus*

Evergreen Willow Bottlebrush

Height (m):	4	**Structure:**	Fair
Width (m):	3	**Health:**	Fair
DSH (cm):	17 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low

Removal / retention reason: N/A.

Amenity value: Very low

Works Required: N/A.

SRZ (m): ***1.7*** ***Works priority:*** N/A

NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.2***

mTPZ (m): ***= TPZ***

Tree ID: 12

Genus / species: *Melaleuca linariifolia*
Evergreen Flax Leaf Paperbark

Height (m): 3
Width (m): 3
DSH (cm): 25 Estimated
Origin: Australian
Retained?: Retained
Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 15 - 30
Form: Fair

SRZ (m): ***1.9*** ***Works priority:*** N/A
NRZ (m): ***3.0*** ***Construction Proximity:*** ***1.4***
mTPZ (m): ***= TPZ***

Tree ID: 13

Genus / species: *Callistemon salignus*
Evergreen Willow Bottlebrush

Height (m): 4
Width (m): 2
DSH (cm): 15 Estimated
Origin: Australian
Retained?: Retained
Retention Value: Remove
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

Structure: Poor
Health: Poor
Maturity: Mature
ULE (years): 1 - 5
Form: Poor

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.4***
mTPZ (m): ***= TPZ***

Tree ID: 14

Genus / species: *Melaleuca linariifolia*
Evergreen Flax Leaf Paperbark

Height (m): 6
Width (m): 5
DSH (cm): 35 Estimated
Origin: Australian
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: Remove saplings growing in SRZ

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 15 - 30
Form: Good

SRZ (m): ***2.2*** ***Works priority:*** Moderate
NRZ (m): ***4.2*** ***Construction Proximity:*** ***1.3***
mTPZ (m): ***= TPZ***

Tree ID: 22

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	20	**Structure:**	Fair
Width (m):	16	**Health:**	Good
DSH (cm):	65 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***2.9*** ***Works priority:*** N/A
NRZ (m): ***7.8*** ***Construction Proximity:*** ***0.1***
mTPZ (m): ***= TPZ***

Tree ID: 23

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	18	**Structure:**	Fair
Width (m):	12	**Health:**	Good
DSH (cm):	55 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***2.7*** ***Works priority:*** N/A
NRZ (m): ***6.6*** ***Construction Proximity:*** ***6.6***
mTPZ (m): ***= TPZ***

Tree ID: 24

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	16	**Structure:**	Fair
Width (m):	12	**Health:**	Good
DSH (cm):	74 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***3*** ***Works priority:*** N/A
NRZ (m): ***8.9*** ***Construction Proximity:*** ***8.88***
mTPZ (m): ***= TPZ***

Tree ID: 26

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	18	**Structure:**	Good
Width (m):	15	**Health:**	Good
DSH (cm):	107 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***3.6*** ***Works priority:*** N/A
NRZ (m): ***12.8*** ***Construction Proximity:*** ***12.84***
mTPZ (m): ***= TPZ***

Tree ID: 35

Genus / species: *Melaleuca linariifolia*
Evergreen Flax Leaf Paperbark

Height (m):	4	**Structure:**	Fair
Width (m):	4	**Health:**	Fair
DSH (cm):	45 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.5*** ***Works priority:*** N/A
NRZ (m): ***5.4*** ***Construction Proximity:*** ***1.7***
mTPZ (m): ***= TPZ***

Tree ID: 36

Genus / species: *Callistemon viminalis*
Evergreen Weeping Bottlebrush

Height (m):	4	**Structure:**	Fair
Width (m):	4	**Health:**	Good
DSH (cm):	30 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.1*** ***Works priority:*** N/A
NRZ (m): ***3.6*** ***Construction Proximity:*** ***3.3***
mTPZ (m): ***= TPZ***

Tree ID: 37

Genus / species: *Melaleuca linariifolia*

Evergreen Flax Leaf Paperbark

Height (m):	4	**Structure:**	Fair
Width (m):	4	**Health:**	Fair
DSH (cm):	65 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low

Removal / retention reason: N/A.

Amenity value: Very low

Works Required: N/A.

SRZ (m):	***2.9***	**Works priority:**	N/A
NRZ (m):	***7.8***	***Construction Proximity:***	***4.5***
mTPZ (m):	***= TPZ***		

Tree ID: 44

Genus / species: *Melaleuca styphelioides*

Evergreen Prickly Paperbark

Height (m):	10	**Structure:**	Fair
Width (m):	7	**Health:**	Good
DSH (cm):	50 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Good

Retention Value: Low

Removal / retention reason: N/A.

Amenity value: Low

Works Required: N/A.

SRZ (m):	***2.6***	**Works priority:**	N/A
NRZ (m):	***6.0***	***Construction Proximity:***	***5***
mTPZ (m):	***= TPZ***		

Tree ID: 45

Genus / species: *Melaleuca linariifolia*

Evergreen Flax Leaf Paperbark

Height (m):	4	**Structure:**	Fair
Width (m):	4	**Health:**	Good
DSH (cm):	45 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Good

Retention Value: Low

Removal / retention reason: N/A.

Amenity value: Low

Works Required: Remove vine.

SRZ (m):	***2.5***	**Works priority:**	Low
NRZ (m):	***5.4***	***Construction Proximity:***	***4.8***
mTPZ (m):	***= TPZ***		

Tree ID: 46

Genus / species: *Angophora costata*
Evergreen Sydney Apple Gum

Height (m):	10	**Structure:**	Good
Width (m):	7	**Health:**	Good
DSH (cm):	40 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	> 60
Retained?:	Retained	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***4.8*** ***Construction Proximity:*** ***4.8***
mTPZ (m): ***= TPZ***

Tree ID: 47

Genus / species: *Melaleuca linariifolia*
Evergreen Flax Leaf Paperbark

Height (m):	8	**Structure:**	Fair
Width (m):	6	**Health:**	Good
DSH (cm):	37 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Good

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: Remove vine.

SRZ (m): ***2.3*** ***Works priority:*** Low
NRZ (m): ***4.4*** ***Construction Proximity:*** ***3.4***
mTPZ (m): ***= TPZ***

Tree ID: 48

Genus / species: *Melaleuca linariifolia*
Evergreen Flax Leaf Paperbark

Height (m):	8	**Structure:**	Fair
Width (m):	6	**Health:**	Good
DSH (cm):	45 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Good

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: Remove vine.

SRZ (m): ***2.5*** ***Works priority:*** Low
NRZ (m): ***5.4*** ***Construction Proximity:*** ***5.4***
mTPZ (m): ***= TPZ***

Tree ID: 51

Genus / species: *Melaleuca linariifolia*
Evergreen Flax Leaf Paperbark

Height (m):	8	**Structure:**	Fair
Width (m):	6	**Health:**	Good
DSH (cm):	52 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Good

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: Remove vine.

SRZ (m): ***2.6*** ***Works priority:*** Low
NRZ (m): ***6.2*** ***Construction Proximity:*** ***2.1***
mTPZ (m): ***= TPZ***

Tree ID: 52

Genus / species: *Agonis flexuosa*
Evergreen West Australian Willow Myrtle

Height (m):	7	**Structure:**	Poor
Width (m):	5	**Health:**	Fair
DSH (cm):	25 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5
Retained?:	Removed	**Form:**	Poor

Retention Value: Remove
Removal / retention reason: Structure ULE
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***1.9*** ***Works priority:*** N/A
NRZ (m): ***3.0*** ***Construction Proximity:*** ***3***
mTPZ (m): ***= TPZ***

Tree ID: 57

Genus / species: *Melaleuca linariifolia*
Evergreen Flax Leaf Paperbark

Height (m):	7	**Structure:**	Fair
Width (m):	6	**Health:**	Good
DSH (cm):	66 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: Remove vine.

SRZ (m): ***2.9*** ***Works priority:*** Low
NRZ (m): ***7.9*** ***Construction Proximity:*** ***3***
mTPZ (m): ***= TPZ***

Tree ID: 60

Genus / species: *Salix sp.*
Deciduous Willow

Height (m): 9
Width (m): 7
DSH (cm): 34 Measured
Origin: Exotic
Retained?: Removed
Retention Value:
Removal / retention reason:
Amenity value:
Works Required: N/A.

Structure: Poor
Health: Fair
Maturity: Mature
ULE (years): 1 - 5
Form: Fair
Remove.
Structure ULE.
Low

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***4.1*** ***Construction Proximity:*** ***4.08***
mTPZ (m): ***= TPZ***

Tree ID: 65

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m): 19
Width (m): 12
DSH (cm): 66 Measured
Origin: Victorian
Retained?: Retained
Retention Value:
Removal / retention reason:
Amenity value:
Works Required: N/A.

Structure: Poor
Health: Fair
Maturity: Mature
ULE (years): 5 - 15
Form: Fair
Moderate
N/A.
High

SRZ (m): ***2.9*** ***Works priority:*** N/A
NRZ (m): ***7.9*** ***Construction Proximity:*** ***6.7***
mTPZ (m): ***= TPZ***

Tree ID: 69

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m): 20
Width (m): 17
DSH (cm): 111 Measured
Origin: Melbourne
Retained?: Removed
Retention Value:
Removal / retention reason:
Amenity value:
Works Required: N/A.

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 15 - 30
Form: Fair
High
N/A.
High

SRZ (m): ***3.7*** ***Works priority:*** N/A
NRZ (m): ***13.3*** ***Construction Proximity:*** ***13.32***
mTPZ (m): ***= TPZ***

Tree ID: 70

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 16
Width (m): 9
DSH (cm): 53 Measured
Origin: Exotic
Retained?: Removed
Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 15 - 30
Form: Good

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.4*** ***Construction Proximity:*** ***6.36***
mTPZ (m): ***= TPZ***

Tree ID: 71

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 19
Width (m): 13
DSH (cm): 63 Measured
Origin: Exotic
Retained?: Removed
Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 15 - 30
Form: Good

SRZ (m): ***2.8*** ***Works priority:*** N/A
NRZ (m): ***7.6*** ***Construction Proximity:*** ***7.56***
mTPZ (m): ***= TPZ***

Tree ID: 72

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 16
Width (m): 12
DSH (cm): 76 Measured
Origin: Exotic
Retained?: Removed
Retention Value: Remove.
Removal / retention reason: Health ULE.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Dead
Maturity: Over mature
ULE (years): 0
Form: Poor

SRZ (m): ***3*** ***Works priority:*** N/A
NRZ (m): ***9.1*** ***Construction Proximity:*** ***9.12***
mTPZ (m): ***= TPZ***

Tree ID: 138

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	22	**Structure:**	Poor
Width (m):	13	**Health:**	Good
DSH (cm):	134 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Fair

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: High
Works Required: N/A.

SRZ (m): ***3.9*** ***Works priority:*** N/A
NRZ (m): ***15.0*** ***Construction Proximity:*** ***16.08***
mTPZ (m): ***= TPZ***

Tree ID: 140

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	20	**Structure:**	Poor
Width (m):	11	**Health:**	Good
DSH (cm):	90 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Fair

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: High
Works Required: N/A.

SRZ (m): ***3.4*** ***Works priority:*** N/A
NRZ (m): ***10.8*** ***Construction Proximity:*** ***10.8***
mTPZ (m): ***= TPZ***

Tree ID: 141

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	24	**Structure:**	Poor
Width (m):	13	**Health:**	Good
DSH (cm):	106 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Fair

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: High
Works Required: N/A.

SRZ (m): ***3.6*** ***Works priority:*** N/A
NRZ (m): ***12.7*** ***Construction Proximity:*** ***12.72***
mTPZ (m): ***= TPZ***

Tree ID: 143

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	18	**Structure:**	Fair
Width (m):	10	**Health:**	Good
DSH (cm):	52 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	15 - 30
Retained?:	Removed	**Form:**	Fair

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.2*** ***Construction Proximity:*** ***6.24***
mTPZ (m): ***= TPZ***

Tree ID: 144

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	20	**Structure:**	Fair
Width (m):	12	**Health:**	Good
DSH (cm):	115 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	15 - 30
Retained?:	Removed	**Form:**	Fair

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***3.7*** ***Works priority:*** N/A
NRZ (m): ***13.8*** ***Construction Proximity:*** ***13.8***
mTPZ (m): ***= TPZ***

Tree ID: 146

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	5	**Structure:**	Poor
Width (m):	3	**Health:**	Fair
DSH (cm):	37 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.3*** ***Works priority:*** N/A
NRZ (m): ***4.4*** ***Construction Proximity:*** ***4.44***
mTPZ (m): ***= TPZ***

Tree ID: 147

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 5 **Structure:** Poor
Width (m): 3 **Health:** Fair
DSH (cm): 45 Estimated **Maturity:** Mature
Origin: Victorian **ULE (years):** 5 - 15
Retained?: Retained **Form:** Fair
Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.5*** ***Works priority:*** N/A
NRZ (m): ***5.4*** ***Construction Proximity:*** ***5.4***
mTPZ (m): ***= TPZ***

Tree ID: 148

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 9 **Structure:** Poor
Width (m): 8 **Health:** Fair
DSH (cm): 75 Estimated **Maturity:** Mature
Origin: Victorian **ULE (years):** 5 - 15
Retained?: Retained **Form:** Fair
Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***3*** ***Works priority:*** N/A
NRZ (m): ***9.0*** ***Construction Proximity:*** ***9***
mTPZ (m): ***= TPZ***

Tree ID: 149

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 8 **Structure:** Fair
Width (m): 4 **Health:** Fair
DSH (cm): 35 Measured **Maturity:** Mature
Origin: Victorian **ULE (years):** 5 - 15
Retained?: Retained **Form:** Fair
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***4.2*** ***Construction Proximity:*** ***4.2***
mTPZ (m): ***= TPZ***

Tree ID: 150

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 8
Width (m): 5
DSH (cm): 61 Measured
Origin: Victorian
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 5 - 15
Form: Fair

SRZ (m): ***2.8*** ***Works priority:*** N/A
NRZ (m): ***7.3*** ***Construction Proximity:*** ***7.32***
mTPZ (m): ***= TPZ***

Tree ID: 151

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 8
Width (m): 5
DSH (cm): 66 Measured
Origin: Victorian
Retained?: Retained
Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Low
Works Required: N/A.

Structure: Poor
Health: Good
Maturity: Mature
ULE (years): 1 - 5
Form: Fair

SRZ (m): ***2.9*** ***Works priority:*** N/A
NRZ (m): ***7.9*** ***Construction Proximity:*** ***7.3***
mTPZ (m): ***= TPZ***

Tree ID: 152

Genus / species: *Acacia dealbata*
Evergreen Silver Wattle

Height (m): 5
Width (m): 3
DSH (cm): 30 Estimated
Origin: Melbourne
Retained?: Removed
Retention Value: Remove.
Removal / retention reason: Health ULE.
Amenity value: Very low
Works Required: N/A.

Structure: Very poor
Health: Dead
Maturity: Mature
ULE (years): 0
Form: Poor

SRZ (m): ***2.1*** ***Works priority:*** N/A
NRZ (m): ***3.6*** ***Construction Proximity:*** ***3.6***
mTPZ (m): ***= TPZ***

Tree ID: 153

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m):	17	**Structure:**	Fair
Width (m):	16	**Health:**	Fair
DSH (cm):	63 Measured	**Maturity:**	Mature
Origin:	Melbourne	**ULE (years):**	15 - 30
Retained?:	Removed	**Form:**	Fair

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***2.8*** ***Works priority:*** N/A
NRZ (m): ***7.6*** ***Construction Proximity:*** ***7.56***
mTPZ (m): ***= TPZ***

Tree ID: 154

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m):	14	**Structure:**	Fair
Width (m):	12	**Health:**	Good
DSH (cm):	65 Estimated	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	15 - 30
Retained?:	Removed	**Form:**	Good

Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.9*** ***Works priority:*** N/A
NRZ (m): ***7.8*** ***Construction Proximity:*** ***7.8***
mTPZ (m): ***= TPZ***

Tree ID: 155

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m):	8	**Structure:**	Fair
Width (m):	7	**Health:**	Good
DSH (cm):	42 Measured	**Maturity:**	Mature
Origin:	Melbourne	**ULE (years):**	30 - 60
Retained?:	Removed	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***5.0*** ***Construction Proximity:*** ***5.04***
mTPZ (m): ***= TPZ***

Tree ID: 156

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m):	10	**Structure:**	Good
Width (m):	8	**Health:**	Good
DSH (cm):	40 Measured	**Maturity:**	Mature
Origin:	Melbourne	**ULE (years):**	> 60
Retained?:	Removed	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***4.8*** ***Construction Proximity:*** ***4.8***
mTPZ (m): ***= TPZ***

Tree ID: 157

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m):	11	**Structure:**	Fair
Width (m):	8	**Health:**	Good
DSH (cm):	45 Measured	**Maturity:**	Mature
Origin:	Melbourne	**ULE (years):**	15 - 30
Retained?:	Removed	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.5*** ***Works priority:*** N/A
NRZ (m): ***5.4*** ***Construction Proximity:*** ***5.4***
mTPZ (m): ***= TPZ***

Tree ID: 158

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m):	11	**Structure:**	Poor
Width (m):	10	**Health:**	Fair
DSH (cm):	65 Measured	**Maturity:**	Mature
Origin:	Melbourne	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.9*** ***Works priority:*** N/A
NRZ (m): ***7.8*** ***Construction Proximity:*** ***7.8***
mTPZ (m): ***= TPZ***

Tree ID: 159

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m):	12	**Structure:**	Good
Width (m):	10	**Health:**	Good
DSH (cm):	59 Measured	**Maturity:**	Mature
Origin:	Melbourne	**ULE (years):**	> 60
Retained?:	Removed	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.8*** ***Works priority:*** N/A
NRZ (m): ***7.1*** ***Construction Proximity:*** ***7.08***
mTPZ (m): ***= TPZ***

Tree ID: 161

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m):	14	**Structure:**	Good
Width (m):	12	**Health:**	Fair
DSH (cm):	57 Measured	**Maturity:**	Mature
Origin:	Melbourne	**ULE (years):**	30 - 60
Retained?:	Removed	**Form:**	Good

Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.7*** ***Works priority:*** N/A
NRZ (m): ***6.8*** ***Construction Proximity:*** ***6.84***
mTPZ (m): ***= TPZ***

Tree ID: 162

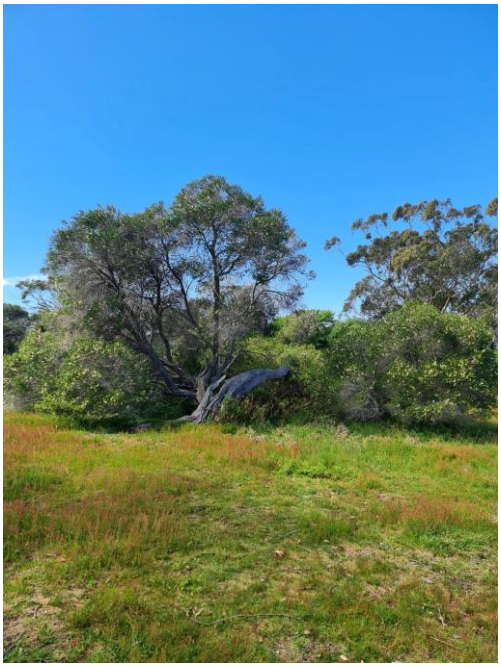
Genus / species: *Corymbia maculata*
Evergreen Spotted Gum

Height (m):	11	**Structure:**	Fair
Width (m):	8	**Health:**	Fair
DSH (cm):	42 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***5.0*** ***Construction Proximity:*** ***0.3***
mTPZ (m): ***= TPZ***

Tree ID: 163



Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	5	**Structure:**	Poor
Width (m):	9	**Health:**	Good
DSH (cm):	50 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Poor

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.0*** ***Construction Proximity:*** ***6***
mTPZ (m): ***= TPZ***

Tree ID: 164

Genus / species: *Cupressus torulosa*
Evergreen Torulosa Cypress

Height (m):	14	**Structure:**	Good
Width (m):	8	**Health:**	Good
DSH (cm):	53 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	> 60
Retained?:	Removed	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.4*** ***Construction Proximity:*** ***6.36***
mTPZ (m): ***= TPZ***

Tree ID: 166

Genus / species: *Eucalyptus cephalocarpa*
Evergreen Silver Leaf Stringybark

Height (m):	14	**Structure:**	Fair
Width (m):	12	**Health:**	Good
DSH (cm):	64 Measured	**Maturity:**	Mature
Origin:	Melbourne	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Good

Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.8*** ***Works priority:*** N/A
NRZ (m): ***7.7*** ***Construction Proximity:*** ***7.68***
mTPZ (m): ***= TPZ***

Tree ID: 167

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m):	3	**Structure:**	Poor
Width (m):	3	**Health:**	Dead
DSH (cm):	50 Estimated	**Maturity:**	Over mature
Origin:	Australian	**ULE (years):**	0
Retained?:	Removed	**Form:**	Very poor

Retention Value: Remove.
Removal / retention reason: Health ULE.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.0*** ***Construction Proximity:*** ***6***
mTPZ (m): ***= TPZ***

Tree ID: 168

Genus / species: *Angophora costata*
Evergreen Sydney Apple Gum

Height (m):	9	**Structure:**	Fair
Width (m):	7	**Health:**	Fair
DSH (cm):	42 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	15 - 30
Retained?:	Removed	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***5.0*** ***Construction Proximity:*** ***5.04***
mTPZ (m): ***= TPZ***

Tree ID: 169

Genus / species: *Photinia serrulata*
Evergreen Chinese Hawthorn

Height (m):	6	**Structure:**	Fair
Width (m):	6	**Health:**	Fair
DSH (cm):	25 Estimated	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.9*** ***Works priority:*** N/A
NRZ (m): ***3.0*** ***Construction Proximity:*** ***3***
mTPZ (m): ***= TPZ***

Tree ID: 170

Genus / species: *Angophora costata*
Evergreen Sydney Apple Gum

Height (m):	17	**Structure:**	Poor
Width (m):	12	**Health:**	Good
DSH (cm):	75 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Good

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: High
Works Required: N/A.

SRZ (m): ***3*** ***Works priority:*** N/A
NRZ (m): ***9.0*** ***Construction Proximity:*** ***9***
mTPZ (m): ***= TPZ***

Tree ID: 171

Genus / species: *Melaleuca styphelioides*
Evergreen Prickly Paperbark

Height (m):	6	**Structure:**	Fair
Width (m):	3	**Health:**	Fair
DSH (cm):	25 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.9*** ***Works priority:*** N/A
NRZ (m): ***3.0*** ***Construction Proximity:*** ***3***
mTPZ (m): ***= TPZ***

Tree ID: 172

Genus / species: *Angophora costata*
Evergreen Sydney Apple Gum

Height (m):	14	**Structure:**	Good
Width (m):	10	**Health:**	Good
DSH (cm):	44 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	30 - 60
Retained?:	Removed	**Form:**	Good

Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***5.3*** ***Construction Proximity:*** ***5.28***
mTPZ (m): ***= TPZ***

Tree ID: 177

Genus / species: *Angophora costata*
Evergreen Sydney Apple Gum

Height (m):	18	**Structure:**	Good
Width (m):	14	**Health:**	Good
DSH (cm):	74 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	30 - 60
Retained?:	Removed	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***3*** ***Works priority:*** N/A
NRZ (m): ***8.9*** ***Construction Proximity:*** ***8.88***
mTPZ (m): ***= TPZ***

Tree ID: 178

Genus / species: *Angophora costata*
Evergreen Sydney Apple Gum

Height (m):	18	**Structure:**	Fair
Width (m):	14	**Health:**	Good
DSH (cm):	52 Measured	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	15 - 30
Retained?:	Removed	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.2*** ***Construction Proximity:*** ***6.24***
mTPZ (m): ***= TPZ***

Tree ID: 179

Genus / species: *Hesperocyparis lusitanica*
Evergreen Mexican Cypress

Height (m):	9	**Structure:**	Fair
Width (m):	7	**Health:**	Fair
DSH (cm):	49 Measured	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	15 - 30
Retained?:	Removed	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***5.9*** ***Construction Proximity:*** ***5.88***
mTPZ (m): ***= TPZ***

Tree ID: 183

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 4
Width (m): 2
DSH (cm): 10 Estimated
Origin: Exotic
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Immature
ULE (years): > 60
Form: Good

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.2***
mTPZ (m): ***= TPZ***

Tree ID: 184

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 4
Width (m): 2
DSH (cm): 10 Estimated
Origin: Exotic
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Immature
ULE (years): > 60
Form: Good

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.7***
mTPZ (m): ***= TPZ***

Tree ID: 185

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m): 14
Width (m): 10
DSH (cm): 30 Estimated
Origin: Australian
Retained?: Retained
Retention Value: High
Removal / retention reason: Adjoining property.
Amenity value: Moderate
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Mature
ULE (years): > 60
Form: Good

SRZ (m): ***2.1*** ***Works priority:*** N/A
NRZ (m): ***3.6*** ***Construction Proximity:*** ***0.7***
mTPZ (m): ***= TPZ***

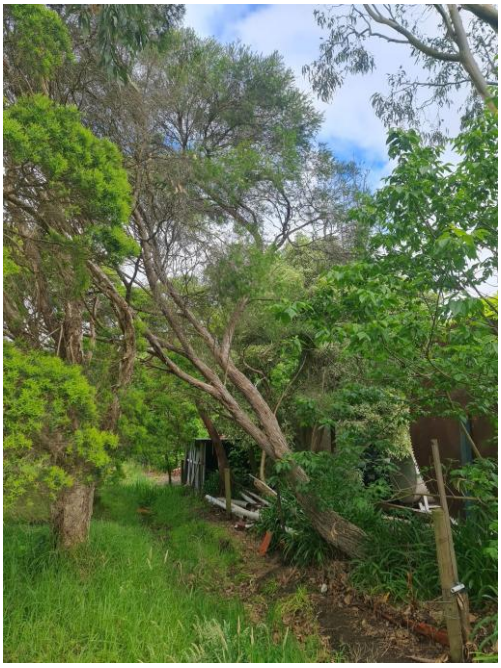
Tree ID: 186

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 8
Width (m): 7
DSH (cm): 25 Estimated
Origin: Victorian
Retained?: Retained
Retention Value: Low
Removal / retention reason: Adjoining property.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 15 - 30
Form: Fair

SRZ (m): ***1.9*** ***Works priority:*** N/A
NRZ (m): ***3.0*** ***Construction Proximity:*** ***0.7***
mTPZ (m): ***= TPZ***



Tree ID: 187

Genus / species: *Pittosporum eugenioides*
Evergreen Tarata

Height (m): 7
Width (m): 3
DSH (cm): 20 Estimated
Origin: Australian
Retained?: Retained
Retention Value: Low
Removal / retention reason: Adjoining property.
Amenity value: Low
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Mature
ULE (years): 30 - 60
Form: Good

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.6***
mTPZ (m): ***= TPZ***

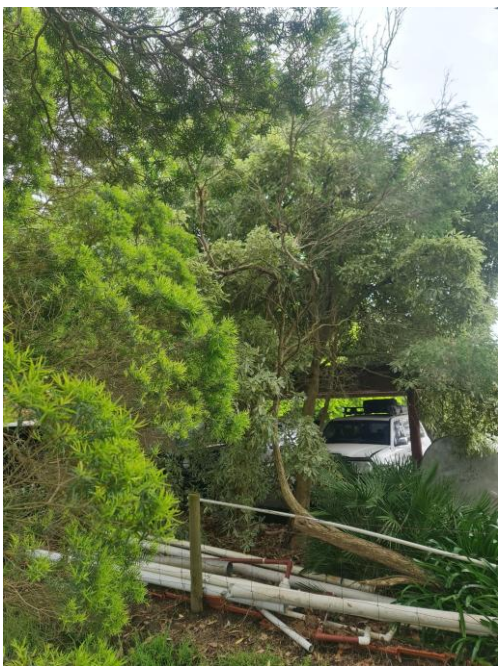
Tree ID: 188

Genus / species: *Pittosporum eugenioides*
Evergreen Tarata

Height (m): 7
Width (m): 3
DSH (cm): 20 Estimated
Origin: Australian
Retained?: Retained
Retention Value: Low
Removal / retention reason: Adjoining property.
Amenity value: Low
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Mature
ULE (years): 30 - 60
Form: Good

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.2***
mTPZ (m): ***= TPZ***



Tree ID: 189

Genus / species: *Acer negundo*
Deciduous Box Elder

Height (m):	7	**Structure:**	Fair
Width (m):	3	**Health:**	Good
DSH (cm):	20 Estimated	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Good

Retention Value: Low
Removal / retention reason: Adjoining property.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.4***
mTPZ (m): ***= TPZ***

Tree ID: 190

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m):	9	**Structure:**	Fair
Width (m):	6	**Health:**	Fair
DSH (cm):	35 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Moderate
Removal / retention reason: Adjoining property.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***4.2*** ***Construction Proximity:*** ***0.1***
mTPZ (m): ***= TPZ***

Tree ID: 191

Genus / species: *Fraxinus angustifolia*
Deciduous Narrow Leaf Ash

Height (m):	10	**Structure:**	Fair
Width (m):	8	**Health:**	Good
DSH (cm):	35 Estimated	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Fair

Retention Value: Moderate
Removal / retention reason: Adjoining property.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***4.2*** ***Construction Proximity:*** ***0.1***
mTPZ (m): ***= TPZ***

Tree ID: 192

Genus / species: *Pittosporum undulatum*
Evergreen Sweet Pittosporum

Height (m):	7	**Structure:**	Good
Width (m):	3	**Health:**	Good
DSH (cm):	15 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***0.5***
mTPZ (m): ***= TPZ***

Tree ID: 193

Genus / species: *Lophostemon confertus*
Evergreen Queensland Brush Box

Height (m):	7	**Structure:**	Good
Width (m):	4	**Health:**	Fair
DSH (cm):	17 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Low
Removal / retention reason: Adjoining property.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.7*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***0.9***
mTPZ (m): ***= TPZ***

Tree ID: 194

Genus / species: *Crataegus sp.*
Deciduous Hawthorn

Height (m):	5	**Structure:**	Good
Width (m):	4	**Health:**	Good
DSH (cm):	25 Estimated	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Good

Retention Value: Low
Removal / retention reason: Adjoining property.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.9*** ***Works priority:*** N/A
NRZ (m): ***3.0*** ***Construction Proximity:*** ***1.7***
mTPZ (m): ***= TPZ***

Tree ID: 195

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m):	8	**Structure:**	Fair
Width (m):	5	**Health:**	Fair
DSH (cm):	30 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Low
Removal / retention reason: Adjoining property.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.1*** ***Works priority:*** N/A
NRZ (m): ***3.6*** ***Construction Proximity:*** ***1.3***
mTPZ (m): ***= TPZ***

Tree ID: 196

Genus / species: *Ulmus parvifolia*
Evergreen Chinese Elm

Height (m):	7	**Structure:**	Good
Width (m):	6	**Health:**	Good
DSH (cm):	25 Estimated	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Good

Retention Value: Low
Removal / retention reason: Adjoining property.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.9*** ***Works priority:*** N/A
NRZ (m): ***3.0*** ***Construction Proximity:*** ***2***
mTPZ (m): ***= TPZ***

Tree ID: 197

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	5	**Structure:**	Fair
Width (m):	3	**Health:**	Fair
DSH (cm):	15 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.8***
mTPZ (m): ***= TPZ***

Tree ID: 198

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	5	**Structure:**	Fair
Width (m):	3	**Health:**	Fair
DSH (cm):	20 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.8***
mTPZ (m): ***= TPZ***

Tree ID: 199

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	3	**Structure:**	Fair
Width (m):	1	**Health:**	Dead
DSH (cm):	20 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	0
Retained?:	Retained	**Form:**	Very poor

Retention Value: Remove
Removal / retention reason: Health ULE Very low
Amenity value:
Works Required: N/A.

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.9***
mTPZ (m): ***= TPZ***

Tree ID: 200

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	6	**Structure:**	Fair
Width (m):	5	**Health:**	Good
DSH (cm):	20 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.3***
mTPZ (m): ***= TPZ***

Tree ID: 201

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 6
Width (m): 7
DSH (cm): 20 Estimated
Origin: Victorian
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 5 - 15
Form: Fair

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.5***
mTPZ (m): ***= TPZ***

Tree ID: 202

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 6
Width (m): 3
DSH (cm): 20 Estimated
Origin: Victorian
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 5 - 15
Form: Fair

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.1***
mTPZ (m): ***= TPZ***

Tree ID: 203

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 4
Width (m): 5
DSH (cm): 20 Estimated
Origin: Victorian
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 5 - 15
Form: Fair

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***1.4***
mTPZ (m): ***= TPZ***

Tree ID: 204

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 3 **Structure:** Fair
Width (m): 2 **Health:** Good
DSH (cm): 10 Estimated **Maturity:** Mature
Origin: Victorian **ULE (years):** 15 - 30
Retained?: Retained **Form:** Fair
Retention Value: Very low
Removal / retention reason: Adjoining property.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.2***
mTPZ (m): ***= TPZ***

Tree ID: 205

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 3 **Structure:** Fair
Width (m): 2 **Health:** Good
DSH (cm): 10 Estimated **Maturity:** Mature
Origin: Victorian **ULE (years):** 15 - 30
Retained?: Retained **Form:** Fair
Retention Value: Very low
Removal / retention reason: Adjoining property.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.2***
mTPZ (m): ***= TPZ***

Tree ID: 206

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 3 **Structure:** Fair
Width (m): 3 **Health:** Good
DSH (cm): 10 Estimated **Maturity:** Mature
Origin: Victorian **ULE (years):** 15 - 30
Retained?: Retained **Form:** Fair
Retention Value: Very low
Removal / retention reason: Adjoining property.
Amenity value: Very low
Works Required: N/A.

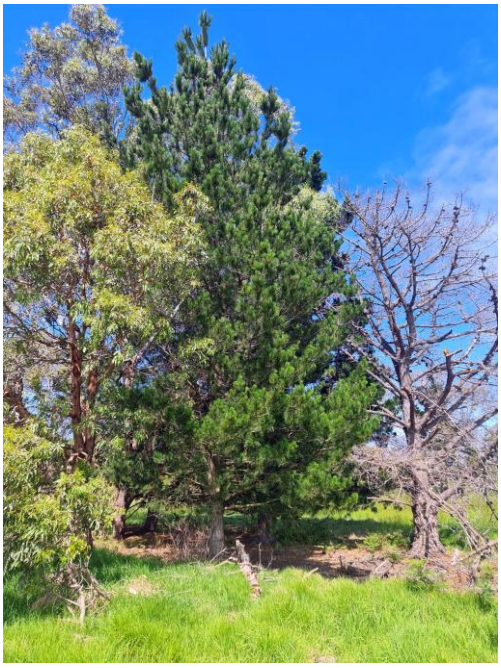
SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.2***
mTPZ (m): ***= TPZ***

Tree ID: 207

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 10 **Structure:** Good
Width (m): 7 **Health:** Good
DSH (cm): 34 Measured **Maturity:** Mature
Origin: Exotic **ULE (years):** 30 - 60
Retained?: Removed **Form:** Good
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***4.1*** ***Construction Proximity:*** ***4.08***
mTPZ (m): ***= TPZ***



Tree ID: 208

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m): 9 **Structure:** Good
Width (m): 5 **Health:** Good
DSH (cm): 34 Measured **Maturity:** Mature
Origin: Victorian **ULE (years):** > 60
Retained?: Removed **Form:** Good
Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***4.1*** ***Construction Proximity:*** ***4.08***
mTPZ (m): ***= TPZ***

Tree ID: 209

Genus / species: *Corymbia maculata*
Evergreen Spotted Gum

Height (m): 9 **Structure:** Fair
Width (m): 7 **Health:** Good
DSH (cm): 38 Measured **Maturity:** Mature
Origin: Victorian **ULE (years):** 30 - 60
Retained?: Retained **Form:** Good
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.3*** ***Works priority:*** N/A
NRZ (m): ***4.6*** ***Construction Proximity:*** ***1.8***
mTPZ (m): ***= TPZ***

Tree ID: 210

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 5
Width (m): 4
DSH (cm): 41 Measured
Origin: Victorian
Retained?: Removed
Structure: Fair
Health: Poor
Maturity: Mature
ULE (years): 1 - 5
Form: Poor
Retention Value: Remove.
Removal / retention reason: Health ULE.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***4.9*** ***Construction Proximity:*** ***4.92***
mTPZ (m): ***= TPZ***

Tree ID: 211

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 5
Width (m): 5
DSH (cm): 41 Measured
Origin: Victorian
Retained?: Removed
Structure: Poor
Health: Good
Maturity: Mature
ULE (years): 5 - 15
Form: Poor
Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

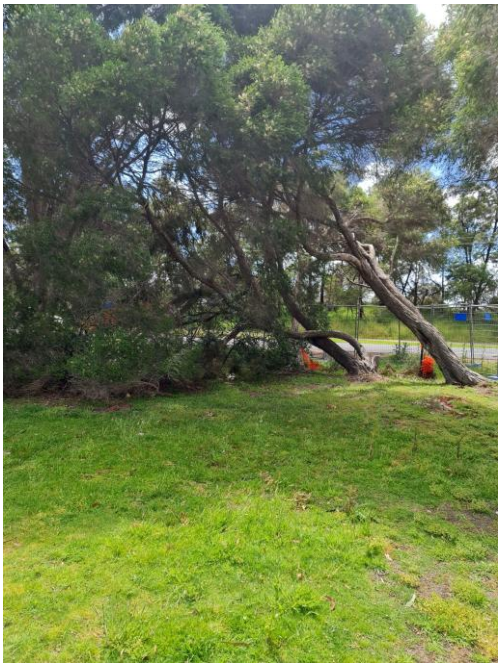
SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***4.9*** ***Construction Proximity:*** ***4.92***
mTPZ (m): ***= TPZ***

Tree ID: 212

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 6
Width (m): 6
DSH (cm): 38 Measured
Origin: Victorian
Retained?: Removed
Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 5 - 15
Form: Poor
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.3*** ***Works priority:*** N/A
NRZ (m): ***4.6*** ***Construction Proximity:*** ***4.56***
mTPZ (m): ***= TPZ***



Tree ID: 213

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	5	**Structure:**	Poor
Width (m):	6	**Health:**	Good
DSH (cm):	50 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Poor

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.0*** ***Construction Proximity:*** ***0.4***
mTPZ (m): ***= TPZ***

Tree ID: 214

Genus / species: *Salix sp.*
Deciduous Willow

Height (m):	5	**Structure:**	Fair
Width (m):	5	**Health:**	Good
DSH (cm):	20 Estimated	**Maturity:**	Mature
Origin:	Exotic	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***2.4***
mTPZ (m): ***= TPZ***

Tree ID: 215

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m):	11	**Structure:**	Fair
Width (m):	5	**Health:**	Fair
DSH (cm):	30 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.1*** ***Works priority:*** N/A
NRZ (m): ***3.6*** ***Construction Proximity:*** ***0.2***
mTPZ (m): ***= TPZ***

Tree ID: 216

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m): 10
Width (m): 8
DSH (cm): 60 Estimated
Origin: Australian
Retained?: Retained
Retention Value: Very low
Removal / retention reason: Adjoining property.
Amenity value: Low
Works Required: N/A.

Structure: Poor
Health: Dead
Maturity: Over mature
ULE (years): 0
Form: Poor

SRZ (m): ***2.8*** ***Works priority:*** N/A
NRZ (m): ***7.2*** ***Construction Proximity:*** ***1.8***
mTPZ (m): ***= TPZ***

Tree ID: 217

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m): 7
Width (m): 4
DSH (cm): 17 Measured
Origin: Victorian
Retained?: Retained
Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Mature
ULE (years): > 60
Form: Fair

SRZ (m): ***1.7*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***2.04***
mTPZ (m): ***= TPZ***

Tree ID: 218

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m): 5
Width (m): 2
DSH (cm): 8 Measured
Origin: Victorian
Retained?: Retained
Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 15 - 30
Form: Fair

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***0.96***
mTPZ (m): ***= TPZ***

Tree ID: 219

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m):	6	**Structure:**	Fair
Width (m):	2	**Health:**	Fair
DSH (cm):	8 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***0.96***
mTPZ (m): ***= TPZ***

Tree ID: 220

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m):	10	**Structure:**	Good
Width (m):	5	**Health:**	Good
DSH (cm):	27 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	> 60
Retained?:	Retained	**Form:**	Good

Retention Value: High
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2*** ***Works priority:*** N/A
NRZ (m): ***3.2*** ***Construction Proximity:*** ***3.24***
mTPZ (m): ***= TPZ***

Tree ID: 221

Genus / species: *Eucalyptus botryoides*
Evergreen Southern Mahogany

Height (m):	18	**Structure:**	Good
Width (m):	5	**Health:**	Good
DSH (cm):	19 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	> 60
Retained?:	Retained	**Form:**	Good

Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***1.7*** ***Works priority:*** N/A
NRZ (m): ***2.3*** ***Construction Proximity:*** ***2.28***
mTPZ (m): ***= TPZ***

Tree ID: 222

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 10
Width (m): 6
DSH (cm): 17 Estimated
Origin: Exotic
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Mature
ULE (years): 30 - 60
Form: Good

SRZ (m): ***1.7*** **Works priority:** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.2***
mTPZ (m): ***= TPZ***

Tree ID: 223

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 10
Width (m): 6
DSH (cm): 15 Estimated
Origin: Exotic
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Mature
ULE (years): 30 - 60
Form: Good

SRZ (m): ***1.6*** **Works priority:** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1***
mTPZ (m): ***= TPZ***

Tree ID: 224

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 5
Width (m): 5
DSH (cm): 37 Measured
Origin: Victorian
Retained?: Retained
Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 5 - 15
Form: Poor

SRZ (m): ***2.3*** **Works priority:** N/A
NRZ (m): ***4.4*** ***Construction Proximity:*** ***2.4***
mTPZ (m): ***= TPZ***

Tree ID: 225

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	4	**Structure:**	Fair
Width (m):	5	**Health:**	Good
DSH (cm):	32 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***3.8*** ***Construction Proximity:*** ***1.8***
mTPZ (m): ***= TPZ***

Tree ID: 226

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	4	**Structure:**	Fair
Width (m):	6	**Health:**	Good
DSH (cm):	54 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.7*** ***Works priority:*** N/A
NRZ (m): ***6.5*** ***Construction Proximity:*** ***3.2***
mTPZ (m): ***= TPZ***

Tree ID: 227

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m):	10	**Structure:**	Fair
Width (m):	9	**Health:**	Good
DSH (cm):	60 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Good

Retention Value: Moderate
Removal / retention reason: Adjoining property.
Amenity value: Moderate
Works Required: N/A.

SRZ (m): ***2.8*** ***Works priority:*** N/A
NRZ (m): ***7.2*** ***Construction Proximity:*** ***1.7***
mTPZ (m): ***= TPZ***

Tree ID: 228

Genus / species: *Agonis flexuosa*

Evergreen West Australian Willow Myrtle

Height (m):	4	**Structure:**	Fair
Width (m):	5	**Health:**	Good
DSH (cm):	25 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Poor

Retention Value: Very low

Removal / retention reason: N/A.

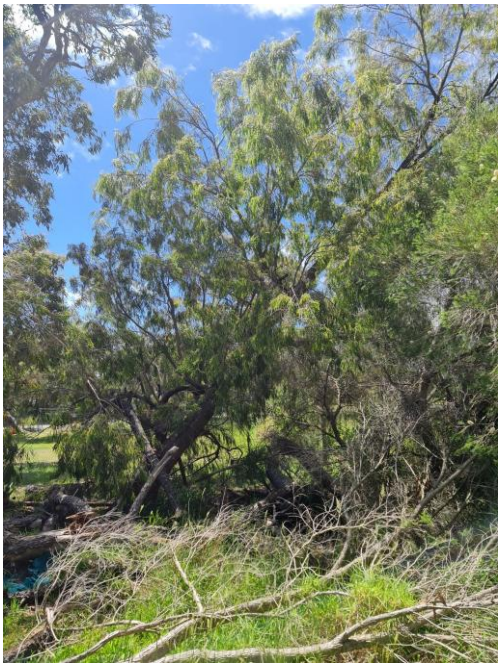
Amenity value: Very low

Works Required: N/A.

SRZ (m): ***1.9*** ***Works priority:*** N/A

NRZ (m): ***3.0*** ***Construction Proximity:*** ***3***

mTPZ (m): ***= TPZ***



Tree ID: 229

Genus / species: *Melaleuca armillaris*

Evergreen Giant Honey Myrtle

Height (m):	7	**Structure:**	Good
Width (m):	4	**Health:**	Good
DSH (cm):	54 Measured	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Good

Retention Value: Low

Removal / retention reason: N/A.

Amenity value: Low

Works Required: N/A.

SRZ (m): ***2.7*** ***Works priority:*** N/A

NRZ (m): ***6.5*** ***Construction Proximity:*** ***6.48***

mTPZ (m): ***= TPZ***

Tree ID: 230

Genus / species: *Agonis flexuosa*

Evergreen West Australian Willow Myrtle

Height (m):	4	**Structure:**	Fair
Width (m):	5	**Health:**	Good
DSH (cm):	30 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Poor

Retention Value: Very low

Removal / retention reason: N/A.

Amenity value: Very low

Works Required: N/A.

SRZ (m): ***2.1*** ***Works priority:*** N/A

NRZ (m): ***3.6*** ***Construction Proximity:*** ***3.6***

mTPZ (m): ***= TPZ***

Tree ID: 231

Genus / species: *Melaleuca styphelioides*
Evergreen Prickly Paperbark

Height (m):	4	**Structure:**	Good
Width (m):	3	**Health:**	Good
DSH (cm):	35 Estimated	**Maturity:**	Mature
Origin:	Australian	**ULE (years):**	30 - 60
Retained?:	Retained	**Form:**	Good

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***4.2*** ***Construction Proximity:*** ***4.2***
mTPZ (m): ***= TPZ***

Tree ID: 232

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	4	**Structure:**	Poor
Width (m):	6	**Health:**	Good
DSH (cm):	40 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***4.8*** ***Construction Proximity:*** ***4.8***
mTPZ (m): ***= TPZ***

Tree ID: 233

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	4	**Structure:**	Poor
Width (m):	6	**Health:**	Good
DSH (cm):	40 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***4.8*** ***Construction Proximity:*** ***4.8***
mTPZ (m): ***= TPZ***

Tree ID: 234

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 4
Width (m): 5
DSH (cm): 40 Estimated
Origin: Victorian
Retained?: Retained
Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

Structure: Poor
Health: Good
Maturity: Mature
ULE (years): 1 - 5
Form: Fair

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***4.8*** ***Construction Proximity:*** ***4.8***
mTPZ (m): ***= TPZ***

Tree ID: 235

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 4
Width (m): 5
DSH (cm): 47 Measured
Origin: Victorian
Retained?: Retained
Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

Structure: Poor
Health: Good
Maturity: Mature
ULE (years): 5 - 15
Form: Fair

SRZ (m): ***2.5*** ***Works priority:*** N/A
NRZ (m): ***5.6*** ***Construction Proximity:*** ***5.3***
mTPZ (m): ***= TPZ***

Tree ID: 236

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m): 4
Width (m): 3
DSH (cm): 20 Estimated
Origin: Victorian
Retained?: Retained
Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

Structure: Fair
Health: Good
Maturity: Mature
ULE (years): 15 - 30
Form: Fair

SRZ (m): ***1.8*** ***Works priority:*** N/A
NRZ (m): ***2.4*** ***Construction Proximity:*** ***2.3***
mTPZ (m): ***= TPZ***

Tree ID: 237

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	3	**Structure:**	Poor
Width (m):	7	**Health:**	Good
DSH (cm):	45 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Poor

Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.5*** ***Works priority:*** N/A
NRZ (m): ***5.4*** ***Construction Proximity:*** ***5.4***
mTPZ (m): ***= TPZ***

Tree ID: 238

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	5	**Structure:**	Poor
Width (m):	5	**Health:**	Good
DSH (cm):	45 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.5*** ***Works priority:*** N/A
NRZ (m): ***5.4*** ***Construction Proximity:*** ***5.4***
mTPZ (m): ***= TPZ***

Tree ID: 239

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m):	4	**Structure:**	Fair
Width (m):	1	**Health:**	Dead
DSH (cm):	53 Measured	**Maturity:**	Over mature
Origin:	Australian	**ULE (years):**	0
Retained?:	Retained	**Form:**	Very poor

Retention Value: Remove.
Removal / retention reason: Health ULE.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.4*** ***Construction Proximity:*** ***3.8***
mTPZ (m): ***= TPZ***

Tree ID: 240

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m): 5
Width (m): 4
DSH (cm): 42 Measured
Origin: Australian
Retained?: Retained
Retention Value:
Removal / retention reason:
Amenity value:
Works Required: N/A.

Structure: Fair
Health: Dead
Maturity: Over mature
ULE (years): 0
Form: Very poor
Remove.
Health ULE.
Very low

SRZ (m): ***2.4*** ***Works priority:*** N/A
NRZ (m): ***5.0*** ***Construction Proximity:*** ***3.8***
mTPZ (m): ***= TPZ***

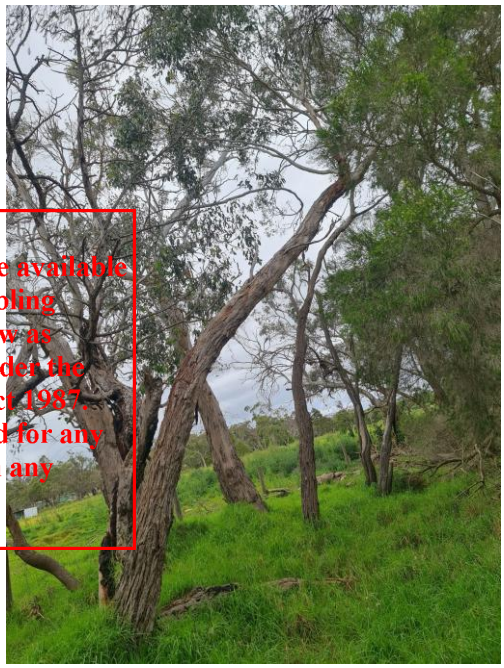
Tree ID: 241

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m): 7
Width (m): 6
DSH (cm): 32 Measured
Origin: Melbourne
Retained?: Retained
Retention Value:
Removal / retention reason:
Amenity value:
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 15 - 30
Form: Fair
Low
N/A.
Low

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***3.8*** ***Construction Proximity:*** ***3.84***
mTPZ (m): ***= TPZ***



Tree ID: 242

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m): 4
Width (m): 2
DSH (cm): 15 Measured
Origin: Australian
Retained?: Retained
Retention Value:
Removal / retention reason:
Amenity value:
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Immature
ULE (years): 30 - 60
Form: Fair
Very low
N/A.
Very low

SRZ (m): ***1.6*** ***Works priority:*** N/A
NRZ (m): ***2.0*** ***Construction Proximity:*** ***1.8***
mTPZ (m): ***= TPZ***

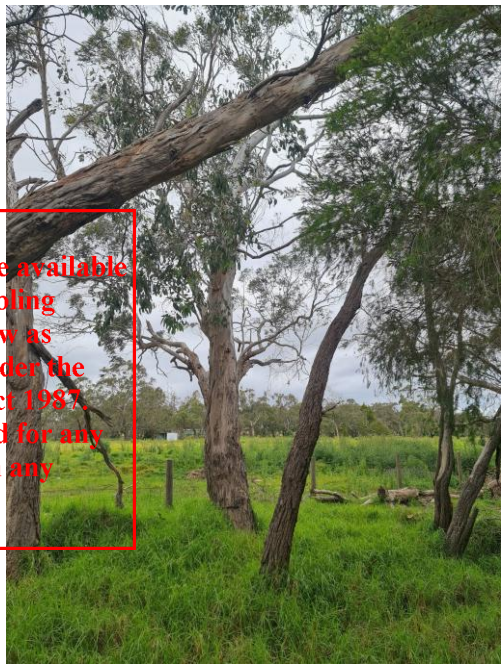
Tree ID: 243

Genus / species: *Eucalyptus sp.*
Evergreen Gum
Height (m): 4
Width (m): 2
DSH (cm): 51 Measured
Origin: Australian
Retained?: Retained
Retention Value:
Removal / retention reason:
Amenity value:
Works Required: N/A.

Structure: Fair
Health: Dead
Maturity: Over mature
ULE (years): 0
Form: Very poor
Remove.
Health ULE.
Very low

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.1*** ***Construction Proximity:*** ***6.1***
mTPZ (m): ***= TPZ***

Tree ID: 244



Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum
Height (m): 10
Width (m): 6
DSH (cm): 50 Measured
Origin: Melbourne
Retained?: Retained
Retention Value:
Removal / retention reason:
Amenity value:
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 15 - 30
Form: Fair
Moderate
N/A.
Moderate

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.0*** ***Construction Proximity:*** ***5.6***
mTPZ (m): ***= TPZ***

Tree ID: 245

Genus / species: *Eucalyptus sp.*
Evergreen Gum
Height (m): 12
Width (m): 6
DSH (cm): 32 Measured
Origin: Australian
Retained?: Retained
Retention Value:
Removal / retention reason:
Amenity value:
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 5 - 15
Form: Fair
Low
N/A.
Low

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***3.8*** ***Construction Proximity:*** ***3.84***
mTPZ (m): ***= TPZ***

Tree ID: 246

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m): 8
Width (m): 6
DSH (cm): 53 Measured
Origin: Melbourne
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 15 - 30
Form: Fair

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.4*** ***Construction Proximity:*** ***6.3***
mTPZ (m): ***= TPZ***

Tree ID: 247

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m): 8
Width (m): 4
DSH (cm): 38 Measured
Origin: Melbourne
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 15 - 30
Form: Fair

SRZ (m): ***2.3*** ***Works priority:*** N/A
NRZ (m): ***4.6*** ***Construction Proximity:*** ***4.56***
mTPZ (m): ***= TPZ***

Tree ID: 248

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m): 9
Width (m): 6
DSH (cm): 63 Measured
Origin: Melbourne
Retained?: Retained
Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

Structure: Fair
Health: Fair
Maturity: Mature
ULE (years): 15 - 30
Form: Fair

SRZ (m): ***2.8*** ***Works priority:*** N/A
NRZ (m): ***7.6*** ***Construction Proximity:*** ***7***
mTPZ (m): ***= TPZ***

Tree ID: 249

Genus / species: *Corymbia maculata*
Evergreen Spotted Gum

Height (m): 4
Width (m): 7
DSH (cm): 26 Measured
Origin: Victorian
Retained?: Retained
Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Very low
Works Required: N/A.

Structure: Poor
Health: Good
Maturity: Mature
ULE (years): 5 - 15
Form: Fair

SRZ (m): ***2*** ***Works priority:*** N/A
NRZ (m): ***3.1*** ***Construction Proximity:*** ***3.12***
mTPZ (m): ***= TPZ***

Tree ID: 250

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m): 5
Width (m): 5
DSH (cm): 45 Estimated
Origin: Australian
Retained?: Retained
Retention Value: Remove.
Removal / retention reason: Structure ULE.
Amenity value: Low
Works Required: N/A.

Structure: Poor
Health: Fair
Maturity: Mature
ULE (years): 5 - 15
Form: Fair

SRZ (m): ***2.5*** ***Works priority:*** N/A
NRZ (m): ***5.4*** ***Construction Proximity:*** ***5.4***
mTPZ (m): ***= TPZ***

Tree ID: 251

Genus / species: *Eucalyptus ovata*
Evergreen Swamp Gum

Height (m): 12
Width (m): 10
DSH (cm): 50 Measured
Origin: Melbourne
Retained?: Removed
Retention Value: Moderate
Removal / retention reason: N/A.
Amenity value: Moderate
Works Required: N/A.

Structure: Good
Health: Fair
Maturity: Mature
ULE (years): 30 - 60
Form: Good

SRZ (m): ***2.6*** ***Works priority:*** N/A
NRZ (m): ***6.0*** ***Construction Proximity:*** ***6***
mTPZ (m): ***= TPZ***

Tree ID: 252

Genus / species: *Eucalyptus sp.*
Evergreen Gum

Height (m): 9
Width (m): 9
DSH (cm): 58 Measured
Origin: Australian
Retained?: Retained
Retention Value: Remove.
Removal / retention reason: Health ULE.
Amenity value: Very low
Works Required: N/A.

Structure: Poor
Health: Dead
Maturity: Over mature
ULE (years): 0
Form: Poor

SRZ (m): ***2.7*** ***Works priority:*** N/A
NRZ (m): ***7.0*** ***Construction Proximity:*** ***2.7***
mTPZ (m): ***= TPZ***

Tree ID: 253

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 16
Width (m): 12
DSH (cm): 70 Estimated
Origin: Exotic
Retained?: Retained
Retention Value: High
Removal / retention reason: Adjoining property.
Amenity value: High
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Mature
ULE (years): 30 - 60
Form: Good

SRZ (m): ***2.9*** ***Works priority:*** N/A
NRZ (m): ***8.4*** ***Construction Proximity:*** ***0.6***
mTPZ (m): ***= TPZ***

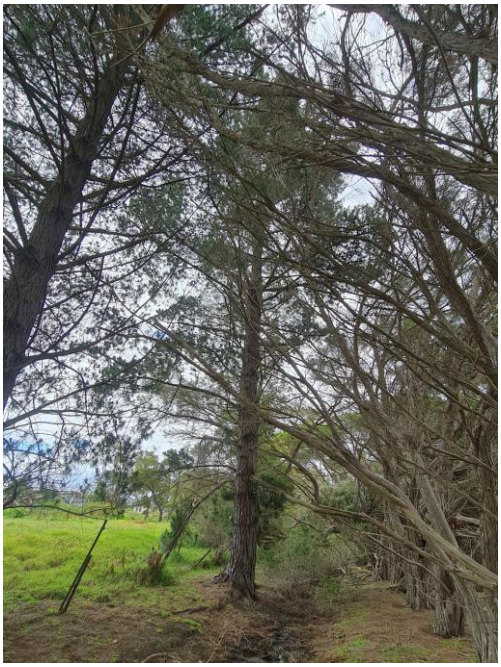
Tree ID: 254

Genus / species: *Pinus radiata*
Evergreen Monterey Pine

Height (m): 16
Width (m): 11
DSH (cm): 65 Measured
Origin: Exotic
Retained?: Retained
Retention Value: High
Removal / retention reason: N/A.
Amenity value: High
Works Required: N/A.

Structure: Good
Health: Good
Maturity: Mature
ULE (years): 30 - 60
Form: Good

SRZ (m): ***2.9*** ***Works priority:*** N/A
NRZ (m): ***7.8*** ***Construction Proximity:*** ***2***
mTPZ (m): ***= TPZ***



Tree ID: 255

Genus / species: *Acacia dealbata*
Evergreen Silver Wattle

Height (m):	8	**Structure:**	Fair
Width (m):	6	**Health:**	Fair
DSH (cm):	35 Estimated	**Maturity:**	Mature
Origin:	Melbourne	**ULE (years):**	15 - 30
Retained?:	Retained	**Form:**	Fair

Retention Value: Low
Removal / retention reason: N/A.
Amenity value: Low
Works Required: N/A.

SRZ (m): ***2.2*** ***Works priority:*** N/A
NRZ (m): ***4.2*** ***Construction Proximity:*** ***1.4***
mTPZ (m): ***= TPZ***

Tree ID: 256

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	5	**Structure:**	Poor
Width (m):	5	**Health:**	Good
DSH (cm):	45 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.5*** ***Works priority:*** N/A
NRZ (m): ***5.4*** ***Construction Proximity:*** ***5.4***
mTPZ (m): ***= TPZ***

Tree ID: 257

Genus / species: *Melaleuca armillaris*
Evergreen Giant Honey Myrtle

Height (m):	4	**Structure:**	Fair
Width (m):	4	**Health:**	Good
DSH (cm):	45 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low
Removal / retention reason: N/A.
Amenity value: Very low
Works Required: N/A.

SRZ (m): ***2.5*** ***Works priority:*** N/A
NRZ (m): ***5.4*** ***Construction Proximity:*** ***1.2***
mTPZ (m): ***= TPZ***

Tree ID: **258**

Genus / species: *Melaleuca armillaris*

Evergreen Giant Honey Myrtle

Height (m):	5	**Structure:**	Fair
Width (m):	5	**Health:**	Good
DSH (cm):	50 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Retained	**Form:**	Fair

Retention Value: Very low

Removal / retention reason: N/A.

Amenity value: Very low

Works Required: N/A.

SRZ (m):	***2.6***	**Works priority:**	N/A
NRZ (m):	***6.0***	***Construction Proximity:***	***2***
mTPZ (m):	***= TPZ***		

Tree ID: **259**

Genus / species: *Melaleuca armillaris*

Evergreen Giant Honey Myrtle

Height (m):	5	**Structure:**	Fair
Width (m):	5	**Health:**	Good
DSH (cm):	35 Estimated	**Maturity:**	Mature
Origin:	Victorian	**ULE (years):**	5 - 15
Retained?:	Removed	**Form:**	Fair

Retention Value: Very low

Removal / retention reason: N/A.

Amenity value: Very low

Works Required: N/A.

SRZ (m):	***2.2***	**Works priority:**	N/A
NRZ (m):	***4.2***	***Construction Proximity:***	***4.2***
mTPZ (m):	***= TPZ***		

27. Appendix 3 – Arboricultural information

The following sections are presented to provide an introduction to the process of tree root system protection. A trees root system is the critical element to be protected during the development process and if the trees roots are adequately protected then the rest of the tree will generally survive without significant injury.

27.1. Root plate estimation

One of the primary purposes of this report is to estimate the impact of the development on the trees on this site. This is mainly achieved by estimating the extent of the root plate area of the trees that are proposed to be retained and the proportion of this area that is likely to be excised or affected during the construction process.

In this report two elements of the tree root area are described. These are:

27.2. Structural Root Zone

This is an estimate of the radius that is likely to encompass the major scaffold roots of the tree. These roots are critical to anchoring the tree and damage to these roots will increase the risk of entire tree failure (i.e. uprooting). This radius is based on AS 4970-2009.

27.3. Notional Root Zone

This is an estimate of the radius that is likely to encompass enough of the smaller absorbing roots to allow the tree to obtain sufficient nutrients and water to allow it to survive in the long term. This is radius is based on AS 4970-2009 and is based on the size of the tree.

Estimation of the likely root plate radius for both methods are based on the DBH (Diameter at Breast Height) of each tree. This is usually measured but where the tree is inaccessible or has numerous trunks a visual estimation may be used. Whether the DBH is estimated or measured is noted within the ”Tree Data” section of the report.

The two elements of each trees’ root zone is transposed over the site survey and building footprint and the degree of root injury is calculated from this.

27.4. Tree rooting patterns

Contrary to common belief, trees usually have a broad flat plate of roots that may extend 1.5 – 3 times the radius of the canopy (Harris, Matheny & Clark, 1999; Coder, 1996; Hitchmough, 1994). Relatively few trees have deep roots and Harris, Matheny and Clark (2004) note that most tree roots will be found in the top 1.0 metre of the soil profile.

While the models used to approximate the size of tree root plates assume a uniformly radial root system, in highly disturbed urban soils root systems often develop in a highly asymmetric manner (Matheny & Clarke, 2004). This may require the modification of the models used where it is likely that the root system is asymmetric.

27.5. Construction impacts

Construction in the vicinity of trees can have several negative impacts on their health, longevity and structural stability. Harris, Matheny and Clark (2004) note that some level of tree root injury or root zone change is almost inevitable during construction around trees and maintain that the goal of tree preservation is to reduce the injury or change to a level that will enable the long term preservation of the retained trees.

Negative impacts can include:

- Root severance from trenching and grading activities. Damage to the transport and absorbing root system may deprive the tree of the ability to absorb nutrients and water and damage to the structural scaffold roots that support the tree may result in instability and uprooting. Depending on the percentage of the root plate affected and proximity to the tree, the affects can range from minor degradation of health through to total root plate failure (i.e. uprooting).
- Compaction and root injury. Most trees require a well aerated and friable soil to allow normal physiological processes to occur and to allow root growth. Soil compaction from pedestrian or vehicular traffic can result in direct injury to the roots, indirect injury through soil drainage changes, reduced soil aeration or decreased soil penetrability. If severe enough soil compaction can lead to a rapid decline in many tree species and may eventually result in instability and uprooting.
- Changes in drainage patterns. Changes in drainage patterns may result from hard surfacing, trenching, land shaping and other construction activities. These can result in either drought stress or waterlogging, both of which can cause a rapid decline in trees and may result in instability and uprooting.

28. Appendix 4 - AS 4970 -2025

This report generally conforms to *AS 4970 – 2025 Protection of Trees on Development Sites* except in the following areas.

1. AS 4970 suggests that the project arborist should verify the accuracy of feature survey for the subject site.
    a. This is generally not feasible and the feature survey is taken as being an accurate representation of the features of the site.
    b. However, if trees are found on the site that are not represented in the feature survey, then these trees will be added to the report plans based on a visual estimation of their location.
        i. Accordingly, the location of these trees may not be sufficiently accurate for the purposes of the report.
        ii. The location of these trees should verified by a qualified surveyor where appropriate.
    c. If trees are found to be incorrectly located on the survey drawings then the location of these trees will be adjusted to more closely reflect the site location of the tree/s.
2. The Notional Root Zone (NRZ) for any tree might be adjusted where existing structures or land forms are likely to have cause the development of an asymmetrical tree root system.

a. Where this is the case, the NRZ may be expanded in other areas to compensate for the area of the standard NRZ that is occupied by the cause of the asymmetry.

29. Appendix 5 - Explanation of terms

The assessment of Health, Structure, Condition, U.L.E. (Useful Life Expectancy), Origin, Maturity, Form and Retention value are based on the following definitions. In the case of health and structure these definitions encompass only the more common indicators for these assessments. Other indicators not included in these definitions may lead to the ascribing of a particular health or structure category.

29.1. Origin

The notation of "Origin" is based on the following categories.

1. Category	Description
2. **Melbourne**	Native to the greater Melbourne metropolitan area as defined by Flora of Melbourne (S. G. A. P. M., 1991).
3. **Victorian**	Native to Victoria but not the greater Melbourne Metropolitan area.
4. **Australian**	Native to Australia but not Victoria.
5. **Exotic**	Not native to Australia.

29.2. Maturity

The notation of "Maturity" is based on the following categories.

1. Category	Description
2. **Immature**	Less than 20% of the life expectancy for the species within the geographical area.
3. **Mature**	20 – 80% of the life expectancy for the species within the geographical area.
4. **Over mature**	> 80% of the life expectancy for the species within the geographical area.

29.3. Works required

The works required listed in this report are of a general nature only and should be reviewed following the completion of any works on the site.

Where a tree is recommended for removal (Recommendation) it is not listed in the Works required section of the report.

29.4. Priority

The priority accorded particular works is based on a projected increased site usage following the completion of a development on the site. The priority is of a general nature only and should be reviewed following the completion of any works on the site.

“Priority” is based on the following categories.

Category	Description
1. N/A.	No tree works are required
2. Very low	Tree works are optional and could be performed at any time.
3. Low	Works should be performed within five years.
4. Moderate	Works should be performed within 3 years.
5. High	Works should be performed within 12 months.
6. Urgent	Works should be performed immediately.

29.5. Retention value (RV) explanation

The Retention value ascribed to each tree in this report is not definitive and should be used as a guide only. Many factors influence the comparative value of a tree, and a number of these factors are outside the scope of arboricultural assessment. These factors cannot therefore be addressed in a single rating system.

Retention value is comprised of two parts. These are the Amenity Value of the tree rated as Very Low to Very high and the Useful Life Expectancy (ULE) rating of the tree.

The Amenity Value of the tree relates to the contribution of the tree to the aesthetic amenity of the area. The primary determinants of amenity value are tree health, size and form. Amenity value does not consider tree structure. In the context of Retention Value structure is considered in the ULE.

The Amenity Value is then modified by the ULE of the tree with short ULE values reducing the RV of the tree and long ULE values increasing the RV of the tree.

Trees that are listed on a register of heritage or significant trees are not accommodated within this rating system as these values are often independent of the arboricultural attributes of the tree. Heritage and significant trees may be ascribed a very low retention value despite their listing on any register. Where known, any heritage or significant tree register listing it will be noted in the report.

RV is assessed on each tree as a single entity. The value of a group of trees is not considered in this context and each tree within the group is assessed as an individual specimen.

29.6. Amenity value

Amenity value is based on the following categories and is ascribed an Amenity Value Value (AVV) ranging from 2 - 10.

Category	Example	AVV
1. Very high	Generally, a very large tree that exhibits excellent health and/or form or a tree that is listed on a heritage or significant tree register and taller than 25 metres tall.	10
2. High	Generally, a large tree that exhibits good health and/or form and between 15 and 25 metres tall.	8
3. Medium	Generally, a medium tree that exhibits good health and/or form and between 10 - 15 metres tall. May be a large tree that exhibits fair health and/or form.	6
4. Low	Generally, a small tree that exhibits good health and/or form and between 5 - 10 metres tall. May be a large or medium tree that exhibits fair or poor health and/or form..	4
5. Very low	Generally, a small tree that exhibits poor health and/or form. May be a large or medium tree that exhibits poor, or worse, health and/or form.	2

29.7. ULE

U.L.E. is based on the following categories each of which have a modifier (ULEM) ranging from 0 – 12.

Category	Example	ULEM
1. 0	The tree is dead or almost dead or constitutes an immediate and unacceptable risk of harm.	0
2. 1 – 5	The tree is unlikely to provide useful amenity for longer than 5 years. The tree is in serious decline, poses an unacceptable risk of harm and/or requires a level of maintenance disproportionate with its value.	4
3. 5 – 15	The tree is likely to provide useful amenity for between 5 and 15 years. The tree may be in serious decline, be a very short lived species and/or require excessively high levels of maintenance.	7
4. 15 – 30	The tree is likely to provide useful amenity for between 15 and 30 years. The tree may be in moderate decline and/or a short lived species.	10
5. 30 – 60	The tree is likely to provide useful amenity for between 30 and 60 years. The tree may be in fair to good condition, have a moderate life-span, present a low to moderate level of hazard and/or require moderate levels of maintenance.	11
6. > 60	The tree is likely to provide useful amenity for greater than 60 years. The tree may be in good to excellent condition, a long lived species, present a low level of hazard and/or require low levels of maintenance.	12

29.8. Retention value

Retention value is then derived from the multiplication of AVV by ULEM and the resulting score is categorised as Very high to Very low.

Retention value is only intended to guide arboricultural actions within the proposed report tree population and is not definitive in any way.

Category	Example	RV value
1. Very high	Every effort should be made to preserve trees in this category	96 - 120
2. High	These trees should be retained if at all possible	72 - 95
3. Moderate	These trees should be retained if they do not overly constrain development on the site.	48 - 71
4. Low	These trees should not create a material constraint on development of the site. These trees should be removed where they conflict with development of the site.	24 - 47
5. Very low	Generally, a small tree that exhibits poor health and/or form. May be a large or medium tree that exhibits poor, or worse, health and/or form. These trees should generally be removed.	1 – 23
6. Remove	These trees are not suitable for retention within the site and are recommended to be removed.	0

29.9. Health

Pertains to the health and vigour of the tree.

The notation of “Health” is based on the following categories.

Category	Example
1. Good	Crown full, with good foliage density. Foliage is entire with average colour, minimal or no pathogen damage. Above average growth indicators such as extension growth, leaf size and canopy density. Little or no canopy die-back. Generally no dead wood on the perimeter of the canopy. Good wound wood development. **Tree exhibits above average health and no works are required.**
2. Fair	Tree may have more than 30% dead wood, or may have minor canopy dieback. Foliage density may be slightly below average for the species. Foliage colour may be slightly lower than average and some discolouration may be present. Typical growth indicators, e.g. extension growth, leaf size, canopy density for species in location. Average wound wood development. **The tree exhibits below average health and remedial works may be employed to improve health.**
3. Poor	Tree may have more than 30% dead wood and canopy die back may be present. Leaves may be discoloured and/or distorted, often small, and excessive epicormic growth may be present. Pathogens and/or stress agents may be present that could lead, or are leading to, the decline of tree. Poor wound wood development. **The tree exhibits low health and remedial works or removal may be required.**
4. Very poor	The tree has more than 30% dead wood. Extensive canopy die back is present. Canopy is very sparse. Pathogens and/or stress agents are present that are leading to the decline of the tree. Very poor wound wood development. **The tree exhibits very poor health and remedial works or removal are required.**
5. Dead	**Tree is dead and generally should be removed.**

29.10.Structure

Pertains to the physical structure of the tree including the main scaffold branches and roots. Structure includes those attributes that may influence the probability of major trunk, root or limb failure.

The notation of “Structure” is based on the following categories.

Category	Example
1. Good	The tree has a well-defined and balanced crown. The tree is exhibits generally defect free scaffold branches, trunk/s and root plate. The tree is very unlikely to suffer root plate, trunk/s or branch failure under normal conditions. **The tree is considered a good example of the species.**
2. Fair	The tree has some minor structural defects of the scaffold branches, trunk or root plate. **These defects are not likely to result in catastrophic root plate, trunk or branch failure although some branch failure may occur under normal conditions.**
3. Poor	The tree has significant defects within the scaffold branches, trunk or root plate. **These defects may predispose the tree to major trunk or branch failure.**
4. Very poor	The tree has very significant defects within the scaffold branches, trunk or root plate. **These defects are likely to predispose the tree to root plate, trunk or scaffold limb failure.**

29.11.Form

The notation of “Form” pertains to the aesthetic qualities of the trees live canopy. Generally good form is indicative of a symmetrical, well-balanced canopy although this is dependent on the particular species. Some species naturally develop an asymmetric canopy and in this case a highly irregular canopy might be described as good.

The form of a tree is considered assuming that the tree stands in isolation from any surrounding trees. This may mean that a group of trees that exhibit good form as a group, may be described as having poor form as individuals.

The notation of “Form” is based on the following categories.

Category	Example
1. Very good	An outstanding specimen of that species. Generally, a very evenly balanced and symmetrical canopy with no deformation. If the development of that species is naturally irregular then an outstanding specimen of that species.
2. Good	A good specimen of that species. Generally, a well balanced and symmetrical canopy with minor deformation. If the development of that species is naturally irregular then a good specimen of that species.
3. Fair	An average specimen of that species. Generally, a balanced canopy with some minor to moderate asymmetry. If the development of that species is naturally irregular then an average specimen of that species.
4. Poor	A below average specimen of that species. Generally, a moderate to high degree of asymmetry. If the development of that species is naturally irregular then a poor specimen of that species.
5. Very poor	A very poor specimen of that species. Generally, a high to extreme degree of asymmetry. If the development of that species is naturally irregular then a very poor specimen of that species.

30. Glossary / notes

Diameter at Standard Height (DSH)	Is the diameter of the tree trunk at approximately 1.4 meters above ground level and is used to calculate the Notional Root Zone (NRZ). Where a trunk is divided at or near 1.4 meters above ground the DSH is generally measured at the narrowest point of the trunk between ground level and 1.4 meters. Alternatively, where a higher level of accuracy is required with multi stemmed trees, DSH may be calculated from the combined cross-sectional area of all trunks. The DSH of all accessible trees is measured unless otherwise stated in the Tree Data section of this report. The DSH of trees on adjoining properties is measured where access can be readily gained to the property, otherwise it is estimated.
Notional Root Zone (NRZ)	Is based on AS 4970-2025 *Protection of trees on development sites* and defines the soil volume that is likely to encompass enough of the trees absorbing root system to ensure the long term survival of the tree. NRZ is a radius calculated as 12 x DSH in metres. NRZ encroachments of up to 20% of NRZ surface area or more may be permissible depending on several factors and the encroachment area should generally be compensated with addition and contiguous soil volume.
Tree Protection Zone (TPZ)	TPZ defines the location and type of tree protection that is specified in the Tree Protection Plan (TPP) and / or Tree Protection Specification (TPS). This will generally include Tree Protection Fencing (TPF) and / or Ground Protection (GP). TPZ extension to protect tree canopy may be shown on the TPP and specified in the TPS as required.
Structural Root Zone (SRZ)	Is based on AS 4970-2025 *Protection of trees on development sites* and defines the likely spread of the trees scaffold root system. These roots are the primary anchoring roots for the tree and damage to these roots may render the tree liable to uprooting. SRZ is based on measurement of the trunk above the root flair (AS 4970). However, in this report SRZ may be based on the measured or estimated DSH and there should be taken as an estimate only. Additional measurement may be required if construction near the SRZ is expected to occur.
Diameter above Buttress (DaB)	Diameter of the trunk or trunks above root flare and is used to calculate the SRZ for significant trees. This is generally the diameter of the trunk immediately above the root flare at or near ground level. DaB is generally only measured for significant trees and for smaller or otherwise low retention value trees DSH + 5% is used to calculate SRZ.
Measured	Indicates whether the DSH has been measured or estimated. DSH may be estimated for small low value multi stem trees or trees that are inaccessible.

Retained?	Indicates whether the tree is shown as being removed or retained on the plans provided. This is generally derived from the site plans provided but tree removal or retention information might be communicated by other means.
Recommendation reason	Pertains to the reason that removal of any tree is recommended by the author. Generally, this will be “Health / ULE” or “Structure / ULE”, indicating that the tree is dying, dead or structurally unsound. The Recommendation reason for trees on adjoining properties or road reserves is listed as “Road reserve” or “Adjoining property” and these trees are listed in the summary reports as being “Off site”.
Tree height & width	Tree height is generally measured to the nearest full metre for moderate, high and very high value trees using an infrared range finder / clinometer. The height of low and very low value trees is usually estimated. Canopy width is estimated unless otherwise stated.
Genus / species	The identification of trees is based on accessible visual characteristics and given that key identifying features are often not available at the time of assessment, the accuracy of identification is not guaranteed. Where the species of any tree is not known, **sp.** is used.

31. Practice Note VCAT 2 — Expert Evidence

31.1. Name & address of consultant

David McLean of R. Greenwood Consulting Pty Ltd, 172 Ridge Road, Mt Dandenong Vic 3767.

31.2. Qualifications & experience

David McLean has the following qualifications and experience:

1. Diploma of Arboriculture.
2. Certificate III in Arboriculture.

31.3. Area of expertise

David McLean provides specialist technical advice in the field of arboriculture. This includes the provision of technical expertise relating to problem diagnosis, management programs, tree appraisal and valuation and the relationship between trees and the built environment.

31.4. Expertise to report

David McLean has, by training, education, experience and research, considerable knowledge relating to the care, maintenance and management of trees in a wide variety of contexts.

Significant areas of operation and expertise include the provision of tree and built structure conflict reports, hazard assessment, tree condition appraisal and broad scale tree inventories.

Considerable effort is expended in research to remain current with the latest advances in all areas relating to tree care.

31.5. Declaration

“I have made all the inquiries that I believe are desirable and appropriate and that no matters of significance which I regard as relevant have to my knowledge been withheld from the Tribunal.”

32. Assumptions & limiting conditions

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9. Unless expressly stated otherwise:
   9.1. The information in this report covers only those items which were examined and reflects the condition of those items at the time of the inspection.
   9.2. Our inspection is limited to visual examination of accessible components without dissection, excavation or probing. There is no warranty or guarantee, express or implied, that even if they were not present during our inspection, problems or defects in plants or property examined may not arise in the future.
10. This agreement supersedes all prior discussions and representations between Greenwood Consulting and the client on the subject and is the entire agreement and understanding between us.

Yours sincerely,

David McLean
Diploma of Arboriculture
Certificate III in Arboriculture