Birds Tree Consultancy

Consulting Arborist AQF5 • Expert Witness • Environmental Arboriculture • Resistograph Testing

ARBORICULTURAL DEVELOPMENT IMPACT ASSESSMENT REPORT

Concord High School NSW

REVISION C

14 June 2022

Prepared for
Schools Infrastructure

Prepared by

Birds Tree Consultancy
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Executive Summary

This Arboricultural Development Impact Assessment Report has been commissioned by Schools Infrastructure to report on trees within the site of Concord High School NSW. The subject trees are located within or adjacent to the boundaries of this site. This site is currently an existing High School that is proposed for redevelopment involving the construction of new school buildings, stormwater, car parking and associated landscaping. This report has been commissioned to outline the health, condition and stability of these trees as well as their viability for retention within the context of the proposed development. The scope of this report includes all trees within areas that may be impacted by the proposed development.

Trees 80, 128, 154 and 185 have evidence of decay within the trunk. Once the decay or cavity exceeds 60% of the tree diameter, the tree is at an increased risk of failure (Mattheck & Breloer, 1994, page 185). If these trees are proposed to be retained within the context of the proposed development, we recommend that a Risk Assessment including a Resistograph Test be carried out to determine the viability of this tree to be retained.

Tree 169 is dead with no visible fauna habitat. This tree is recommended for removal.

Trees 158, 162 and 163 are in poor and declining health with significant apical dieback and extensive deadwood. These trees have low retention value.

The Tree Protection Zones (TPZ) of Trees 7, 8, 11, 12, 13, 14, 15, 16, 17, 21, 22, 29, 35, 94, 95, 96, 97, 98, 100, 101, 102, 103, 104, 105, 114, 116, 120, 122, 132, 133, 144, 145, 146, 147, 148, 149, 150, 151, 152, 173, 174, 175, 185, 186, 187, 188, 189, 190, and 191 are encroached by the proposed construction, civil, stormwater and required earthworks by a major encroachment as defined by *AS4970-2009 Protection of Trees on Development Sites.* These trees will not be viable to be retained and will be required to be removed due to the proposed development.

The TPZ of Trees 123, 128, 130 and 131 are encroached by slightly greater than a minor encroachment. Based on consideration under Clause 3.3.4 of *AS4970-2009* of these species' tolerance to root disturbance, these trees will remain viable to be retained. This assessment is based on all excavation for the proposed swale drain to be carried out by non-destructive excavation by means of manual excavation, air spade or vacuum truck operating at less than 1000 Psi under the supervision and direction of the Project Arborist. No roots with a diameter of 20mm or greater are to be damaged within the swale excavation.

The viability of Trees 117 and 118 is based on consideration of the barrier to root development of the existing car park surface and base course in accordance with clause 3.3.4 of *AS4970-2009.* This assessment is conditional on the final car park surface matching existing levels including the existing base course and no roots being damaged as a result of the car park resurfacing. All excavation, demolition of existing surface and base course within the TPZ is to be carried out under the direction and supervision of the Project Arborist. All excavation within the TPZ is to be carried out using nondestructive methods such as manual excavation or vacuum truck operating at less than 1000Psi.

All other trees are viable to be retained and are to be protected as defined below.

Recommendations for tree retention or removal are summarised as follows:

Tree no.	Species	Recommendations	Comments
1.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
2.	*Melaleuca salicina*	Retain	Viable to be retained and protected in accordance with 8.0.
3.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
4.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
5.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.
6.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
7.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to the proposed development.
8.	*Eucalyptus microcorys*	Remove	Not viable to be retained due to the proposed development.
9.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
10.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.
11.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.
12.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.
13.	*Melaleuca quinquenervia*	Remove	Not viable to be retained due to the proposed development.
14.	*Melaleuca quinquenervia*	Remove	Not viable to be retained due to the proposed development.
15.	*Melaleuca quinquenervia*	Remove	Not viable to be retained due to the proposed development.
16.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.
17.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to the proposed development.
18.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
19.	*Acacia falcata*	Retain	Viable to be retained and protected in accordance with 8.0.

20.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.
21.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to the proposed development.
22.	*Eucalyptus crebra*	Remove	Not viable to be retained due to the proposed development.
23.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
24.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.
25.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
26.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
27.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
28.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.
29.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to the proposed development.
30.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.
31.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.
32.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
33.	*Melaleuca quinquenervia*	Retain	Viable to be retained and protected in accordance with 8.0.
34.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.
35.	*Eucalyptus moluccana*	Remove	Not viable to be retained due to the proposed development.
36.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
37.	*Eucalyptus moluccana*	Retain	Viable to be retained and protected in accordance with 8.0.
38.	*Eucalyptus moluccana*	Retain	Viable to be retained and protected in accordance with 8.0.
39.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
40.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
41.	*Eucalyptus paniculata*	Retain	Viable to be retained and protected in accordance with 8.0.

42.	*Eucalyptus spp.*	Retain	Viable to be retained and protected in accordance with 8.0.
43.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
44.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
45.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
46.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
47.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
48.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
49.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
50.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
51.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.
52.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
53.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
54.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
55.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
56.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
57.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
58.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.
59.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
60.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
61.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
62.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
63.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.

64.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.
65.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
66.	*Melaleuca quinquenervia*	Retain	Viable to be retained and protected in accordance with 8.0.
67.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.
68.	*Jacaranda mimosifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
69.	*Brachychiton acerifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
70.	*Eucalyptus scoparia*	Retain	Viable to be retained and protected in accordance with 8.0.
71.	*Brachychiton acerifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
72.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
73.	*Melaleuca styphelioides*	Retain	Viable to be retained and protected in accordance with 8.0.
74.	*Melaleuca styphelioides*	Retain	Viable to be retained and protected in accordance with 8.0.
75.	*Leptospermum petersonii*	Retain	Viable to be retained and protected in accordance with 8.0.
76.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.
77.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
78.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
79.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
80.	*Cinnamomum camphora*	Recommend Risk Assessment/ Resistograph Testing	Some apical dieback. Evidence of decay in high retention value tree. Large cavity at base of tree visibly greater than 60%. Recommend Resistograph testing to determine viability of retention. Viable to be retained and protected in accordance with 8.0.
81.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
82.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.

83.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.
84.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
85.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
86.	*Callistemon viminalis*	Retain	Viable to be retained and protected in accordance with 8.0.
87.	*Ulmus parvifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
88.	*Acmena smithii*	Retain	Viable to be retained and protected in accordance with 8.0.
89.	*Acacia decurrens*	Retain	Viable to be retained and protected in accordance with 8.0.
90.	*Eucalyptus punctata*	Retain	Viable to be retained and protected in accordance with 8.0.
91.	*Quercus robur*	Retain	Viable to be retained and protected in accordance with 8.0.
92.	*Liquidambar styraciflua*	Retain	Viable to be retained and protected in accordance with 8.0.
93.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
94.	*Toona ciliata*	Remove	Not viable to be retained due to the proposed development.
95.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.
96.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.
97.	*Eucalyptus punctata*	Remove	Not viable to be retained due to the proposed development.
98.	*Syncarpia glomulifera*	Remove	Not viable to be retained due to the proposed development.
99.	*Ficus rubiginosa*	Retain	Viable to be retained and protected in accordance with 8.0.
100.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.
101.	*Podocarpus elatus*	Remove	Not viable to be retained due to the proposed development.
102.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.
103.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.
104.	*Fraxinus griffithii*	Remove	Not viable to be retained due to the proposed development.

105.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.
106.	*Syncarpia glomulifera*	Retain	Viable to be retained and protected in accordance with 8.0.
107.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.
108.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.
109.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.
110.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.
111.	*Melaleuca bracteata*	Retain	Viable to be retained and protected in accordance with 8.0.
112.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.
113.	*Eucalyptus punctata*	Retain	Viable to be retained and protected in accordance with 8.0.
114.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.
115.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
116.	*Angophora floribunda*	Remove	Not viable to be retained due to the proposed development.
117.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
118.	*Eucalyptus punctata*	Retain	Viable to be retained and protected in accordance with 8.0.
119.	*Eucalyptus punctata*	Retain	Viable to be retained and protected in accordance with 8.0.
120.	*Eucalyptus punctata*	Remove	Not viable to be retained due to the proposed development.
121.	*Podocarpus elatus*	Retain	Viable to be retained and protected in accordance with 8.0.
122.	*Eucalyptus microcorys*	Remove	Not viable to be retained due to the proposed development.
123.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.
124.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.
125.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.
126.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.

127.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.
128.	*Ficus microcarpa*	Retain Recommend Risk Assessment/ Resistograph Testing	Viable to be retained and protected in accordance with 8.0. Evidence of decay in high retention value tree. Recommend Resistograph testing to determine viability of retention. Not viable to be retained due to development.
129.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.
130.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.
131.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.
132.	*Citrus spp.*	Remove	Not viable to be retained due to the proposed development.
133.	*Citrus spp.*	Remove	Not viable to be retained due to the proposed development.
134.	*Sapium sebiferum*	Retain	Viable to be retained and protected in accordance with 8.0.
135.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
136.	*Melaleuca quinquenervia*	Retain	Viable to be retained and protected in accordance with 8.0.
137.	*Callistemon viminalis*	Retain	Viable to be retained and protected in accordance with 8.0.
138.	*Callistemon viminalis*	Retain	Viable to be retained and protected in accordance with 8.0.
139.	*Banksia integrifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
140.	*Ulmus parvifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
141.	*Ulmus parvifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
142.	*Jacaranda mimosifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
143.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
144.	*Corymbia maculata*	Remove	Not viable to be retained due to the proposed development.
145.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.
146.	*Melaleuca styphelioides*	Remove	Not viable to be retained due to the proposed development.

147.	*Casuarina spp*	Remove	Not viable to be retained due to the proposed development.
148.	*Melaleuca styphelioides*	Remove	Not viable to be retained due to the proposed development.
149.	*Corymbia gummifera*	Remove	Not viable to be retained due to the proposed development.
150.	*Melaleuca styphelioides*	Remove	Not viable to be retained due to the proposed development.
151.	*Corymbia gummifera*	Remove	Not viable to be retained due to the proposed development.
152.	*Melaleuca styphelioides*	Remove	Not viable to be retained due to the proposed development.
153.	*Corymbia gummifera*	Retain	Viable to be retained and protected in accordance with 8.0.
154.	*Corymbia gummifera*	Risk Assessment	Evidence of decay. Viable to be retained and protected in accordance with 8.0.
155.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in accordance with 8.0.
156.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
157.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
158.	*Acacia longifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
159.	*Eucalyptus robusta*	Retain	Viable to be retained and protected in accordance with 8.0.
160.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
161.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
162.	*Eucalyptus robusta*	Retain	Viable to be retained and protected in accordance with 8.0.
163.	*Eucalyptus robusta*	Retain	Viable to be retained and protected in accordance with 8.0.
164.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in accordance with 8.0.
165.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
166.	*Casuarina spp*	Retain	Viable to be retained and protected in accordance with 8.0.
167.	*Eucalyptus robusta*	TRAQ Level 2 Risk Assessment	Evidence of a bark inclusion in primary junction. Viable to be retained and protected in accordance with 8.0.

168.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
169.	*Dead tree*	Remove	No habitat.
170.	*Melaleuca styphelioides*	Retain	Viable to be retained and protected in accordance with 8.0.
171.	*Lophostemon confertus*	Retain	Viable to be retained and protected in accordance with 8.0.
172.	*Syncarpia glomulifera*	Retain	Viable to be retained and protected in accordance with 8.0.
173.	*Eucalyptus robusta*	Remove	Not viable to be retained due to the proposed development.
174.	*Eucalyptus robusta*	Remove	Not viable to be retained due to the proposed development.
175.	*Eucalyptus robusta*	Remove	Not viable to be retained due to the proposed development.
176.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.
177.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
178.	*Casuarina spp*	Retain	Viable to be retained and protected in accordance with 8.0.
179.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
180.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.
181.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in accordance with 8.0.
182.	*Melaleuca linariifolia*	Retain	Viable to be retained and protected in accordance with 8.0.
183.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in accordance with 8.0.
184.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in accordance with 8.0.
185.	*Eucalyptus saligna*	Risk Assessment	Decay present in primary junction in leaning trunk overhanging car park. Not viable to be retained.
186.	*Melia azedarach*	Remove	Not viable to be retained due to the proposed development.
187.	*Casuarina spp*	Remove	Not viable to be retained due to the proposed development.
188.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.
189.	*Melia azedarach*	Remove	Not viable to be retained due to the proposed development.

190.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to the proposed development.
191.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.
192.	*Cinnamomum camphora*	Retain	Viable to be retained and protected in accordance with 8.0.
193.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.
194.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.

Contents

1.0 Scope of Works

This Preliminary Arboricultural Assessment Report has been commissioned by Schools Infrastructure to report on trees within the site of Concord High School Stanley Street Concord NSW. It has been commissioned to outline the health, condition and stability of these trees as well as their viability for retention within the context of the proposed development. The scope of this report includes all trees within areas that may be impacted by the proposed development.

On the 8th of June 2022, Glenn Bird of Birds Tree Consultancy attended site and inspected the subject trees from the ground. There was no aerial inspection carried out. A Visual Tree Assessment was undertaken in accordance with Visual Tree Assessment (VTA) guidelines (Mattheck and Breloer, 1994). Tree heights were measured using a Nikon Forestry 550 Heightmeter.

This Revision B has been updated to include Trees 192, 193, 194 for assessment for the proposed car park extension. These trees were inspected by Glenn Bird on 27th April 2023.

2.0 Site Analysis

2.1 Site

The subject site is Concord High School, Stanley Street Concord NSW. The subject trees are located within or adjacent to the boundaries of this site. This site is currently an existing High School that is proposed for redevelopment involving the construction of new school buildings, stormwater, car parking and associated landscaping.

2.2 Documentation

This Development Impact Assessment Report has been compiled based on the following documentation provided:

1. Craig and Rhodes Survey Dated 20/05/2022.
2. JDH Proposed Site Plan CHS-JDH-0013-ZZ-XX-DR-A-S3 Rev P18 Dated 14/06/2023.
3. Woolacotts Civil Works Plan C101 P2 dated 30/03/2023.
4. Woolacotts Civil Works Plan C102 P2 dated 30/03/2023.
5. Woolacotts Civil Works Plan C103 P2 dated 30/03/2023.
6. Woolacotts Cut and Fill Plan C301 P2 dated 03/04/2023.
7. Space Landscape Designs Landscape Site Plan L-01 Rev D dated 05/04/2023.
8. PTC Stanley Street Carpark – REV P2 dated 15/05/2023.

2.3 Topography

Refer to survey drawing for details of levels.

2.4 Identification

Trees are as identified in the attached inspection forms in Appendix C and shown in Tree location Plan A01 in Appendix D.

2.5 Soils

Soil material and horizons were not tested for this report.

3.0 Existing Trees

The following trees were inspected from the ground and the following items identified. Please refer also to the attached inspection data in Appendix C.

3.1. Tree 1. *Casuarina cunninghamiana*

This mature tree is approximately 25m tall with a canopy spread of 8m. It has a single trunk with a diameter at breast height (DBH) of 505mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.2. Tree 2. *Melaleuca salicina*

This mature tree is approximately 10m tall with a canopy spread of 5m. It has twin co-dominant trunks from the base with an aggregate DBH of 280mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.3. Tree 3. *Casuarina cunninghamiana*

This mature tree is approximately 21m tall with a canopy spread of 9m. It has a single trunk with a DBH of 335mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.4. Tree 4. *Casuarina cunninghamiana*

This mature tree is approximately 21m tall with a canopy spread of 8m. It has a single trunk with a DBH of 30mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.5. Tree 5. *Eucalyptus microcorys*

This mature tree is approximately 22m tall with a canopy spread of 12m. It has a single trunk with a DBH of 520mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.6. Tree 6. *Casuarina cunninghamiana*

This mature tree is approximately 18m tall with a canopy spread of 8m. It has a single trunk with a DBH of 275mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.7. Tree 7. *Casuarina cunninghamiana*

This mature tree is approximately 17m tall with a canopy spread of 7m. It has a single trunk with a DBH of 300mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.8. Tree 8. *Eucalyptus microcorys*

This mature tree is approximately 22m tall with a canopy spread of 12m. It has a single trunk with a DBH of 580mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.9. Tree 9. *Casuarina cunninghamiana*

This mature tree is approximately 26m tall with a canopy spread of 12m. It has a single trunk with a DBH of 450mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.10. Tree 10. *Eucalyptus crebra*

This mature tree is approximately 22m tall with a canopy spread of 13m. It has a single trunk with a DBH of 500mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.11. Tree 11. *Eucalyptus tereticornis*

This mature tree is approximately 26m tall with a canopy spread of 8m. It has a single trunk with a DBH of 360mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.12. Tree 12. *Eucalyptus tereticornis*

This mature tree is approximately 21m tall with a canopy spread of 9m. It has a single trunk with a DBH of 350mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.13. Tree 13. *Melaleuca quinquenervia*

This mature tree is approximately 17m tall with a canopy spread of 12m. It has multiple (3) co-dominant trunks from the base with an aggregate DBH of 670mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.14. Tree 14. *Melaleuca quinquenervia*

This mature tree is approximately 18m tall with a canopy spread of 9m. It has a single trunk with a DBH of 620mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.15. Tree 15. *Melaleuca quinquenervia*

This mature tree is approximately 17m tall with a canopy spread of 8m. It has a single trunk with a DBH of 510mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.16. Tree 16. *Eucalyptus tereticornis*

This mature tree is approximately 18m tall with a canopy spread of 9m. It has a single trunk with a DBH of 340mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.17. Tree 17. *Casuarina cunninghamiana*

This mature tree is approximately 19m tall with a canopy spread of 6m. It has a single trunk with a DBH of 400mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.18. Tree 18. *Eucalyptus tereticornis*

This mature tree is approximately 23m tall with a canopy spread of 13m. It has a single trunk with a DBH of 690mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.19. Tree 19. *Acacia falcata*

This mature tree is approximately 9m tall with a canopy spread of 3m. It has a single trunk with a DBH of 110mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.20. Tree 20. *Eucalyptus crebra*

This mature tree is approximately 22m tall with a canopy spread of 18m. It has a single trunk with a DBH of 280mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.21. Tree 21. *Casuarina cunninghamiana*

This mature tree is approximately 18m tall with a canopy spread of 5m. It has a single trunk with a DBH of 150mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.22. Tree 22. *Eucalyptus crebra*

This mature tree is approximately 15m tall with a canopy spread of 6m. It has a single trunk with a DBH of 210mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.23. Tree 23. *Casuarina cunninghamiana*

This mature tree is approximately 20m tall with a canopy spread of 6m. It has a single trunk with a DBH of 220mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.24. Tree 24. *Eucalyptus crebra*

This mature tree is approximately 15m tall with a canopy spread of 8m. It has a single trunk with a DBH of 210mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.25. Tree 25. *Eucalyptus tereticornis*

This mature tree is approximately 14m tall with a canopy spread of 8m. It has a single trunk with a DBH of 220mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.26. Tree 26. *Eucalyptus tereticornis*

This mature tree is approximately 18m tall with a canopy spread of 6m. It has a single trunk with a DBH of 230mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.27. Tree 27. *Casuarina cunninghamiana*

This mature tree is approximately 17m tall with a canopy spread of 8m. It has a single trunk with a DBH of 190mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.28. Tree 28. *Eucalyptus crebra*

This mature tree is approximately 16m tall with a canopy spread of 6m. It has a single trunk with a DBH of 140mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.29. Tree 29. *Casuarina cunninghamiana*

This mature tree is approximately 16m tall with a canopy spread of 8m. It has a single trunk with a DBH of 220mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.30. Tree 30. *Eucalyptus crebra*

This mature tree is approximately m tall with a canopy spread of m. It has a single trunk with a DBH of mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.31. Tree 31. *Eucalyptus crebra*

This mature tree is approximately 14m tall with a canopy spread of 6m. It has a single trunk with a DBH of 130mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.32. Tree 32. *Casuarina cunninghamiana*

This mature tree is approximately 17m tall with a canopy spread of 8m. It has a single trunk with a DBH of 220mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.33. Tree 33. *Melaleuca quinquenervia*

This mature tree is approximately 12m tall with a canopy spread of 6m. It has a single trunk with a DBH of 140mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.34. Tree 34. *Eucalyptus crebra*

This mature tree is approximately 18m tall with a canopy spread of 12m. It has a single trunk with a DBH of 350mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.35. Tree 35. *Eucalyptus moluccana*

This mature tree is approximately 17m tall with a canopy spread of 8m. It has a single trunk with a DBH of 230mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.36. Tree 36. *Eucalyptus tereticornis*

This mature tree is approximately 12m tall with a canopy spread of 6m. It has a single trunk with a DBH of 205mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.37. Tree 37. *Eucalyptus moluccana*

This mature tree is approximately 18m tall with a canopy spread of 12m. It has a single trunk with a DBH of 290mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.38. Tree 38. *Eucalyptus moluccana*

This mature tree is approximately 11m tall with a canopy spread of 4m. It has a single trunk with a DBH of 145mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.39. Tree 39. *Eucalyptus tereticornis*

This mature tree is approximately 16m tall with a canopy spread of 8m. It has twin co-dominant trunks from 1m above the base with an aggregate DBH of 425mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.40. Tree 40. *Casuarina cunninghamiana*

This mature tree is approximately 19m tall with a canopy spread of 5m. It has a single trunk with a DBH of 230mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.41. Tree 41. *Eucalyptus paniculata*

This mature tree is approximately 21m tall with a canopy spread of 11m. It has a single trunk with a DBH of 330mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.42. Tree 42. *Eucalyptus spp.*

This mature tree is approximately 19m tall with a canopy spread of 9m. It has a single trunk with a DBH of 360mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.43. Tree 43. *Casuarina cunninghamiana*

This mature tree is approximately 10m tall with a canopy spread of 7m. It has a single trunk with a DBH of 350mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.44. Tree 44. *Casuarina cunninghamiana*

This mature tree is approximately 11m tall with a canopy spread of 6m. It has twin co-dominant trunks from the base with an aggregate DBH of 340mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.45. Tree 45. *Casuarina cunninghamiana*

This semi-mature tree is approximately 8m tall with a canopy spread of 2m. It has a single trunk with a DBH of 110mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.46. Tree 46. *Casuarina cunninghamiana*

This mature tree is approximately 23m tall with a canopy spread of 9m. It has a single trunk with a DBH of 460mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.47. Tree 47. *Casuarina cunninghamiana*

This mature tree is approximately 24m tall with a canopy spread of 9m. It has a single trunk with a DBH of 460mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.48. Tree 48. *Casuarina cunninghamiana*

This mature tree is approximately 21m tall with a canopy spread of 8m. It has a single trunk with a DBH of 260mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.49. Tree 49. *Casuarina cunninghamiana*

This semi-mature tree is approximately 9m tall with a canopy spread of 4m. It has a single trunk with a DBH of 100mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.50. Tree 50. *Casuarina cunninghamiana*

This mature tree is approximately 20m tall with a canopy spread of 9m. It has a single trunk with a DBH of 360mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.51. Tree 51. *Eucalyptus microcorys*

This mature tree is approximately 22m tall with a canopy spread of 13m. It has a single trunk with a DBH of 540mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.52. Tree 52. *Casuarina cunninghamiana*

This mature tree is approximately 16m tall with a canopy spread of 8m. It has a single trunk with a DBH of 510mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.53. Tree 53. *Casuarina cunninghamiana*

This mature tree is approximately 12m tall with a canopy spread of 5m. It has a single trunk with a DBH of 150mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.54. Tree 54. *Casuarina cunninghamiana*

This mature tree is approximately 16m tall with a canopy spread of 9m. It has twin co-dominant trunks from the base with an aggregate DBH of 440mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.55. Tree 55. *Casuarina cunninghamiana*

This mature tree is approximately 17m tall with a canopy spread of 11m. It has a single trunk with a DBH of 420mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.56. Tree 56. *Casuarina cunninghamiana*

This mature tree is approximately 18m tall with a canopy spread of 12m. It has twin co-dominant trunks from the base with an aggregate DBH of

710mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.57. Tree 57. *Casuarina cunninghamiana*

This mature tree is approximately 18m tall with a canopy spread of 13m. It has a single trunk with a DBH of 450mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.58. Tree 58. *Eucalyptus microcorys*

This mature tree is approximately 18m tall with a canopy spread of 16m. It has a single trunk with a DBH of 700mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.59. Tree 59. *Corymbia maculata*

This mature tree is approximately 21m tall with a canopy spread of 13m. It has a single trunk with a DBH of 500mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.60. Tree 60. *Eucalyptus tereticornis*

This mature tree is approximately 22m tall with a canopy spread of 8m. It has a single trunk with a DBH of 205mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.61. Tree 61. *Eucalyptus tereticornis*

This mature tree is approximately 16m tall with a canopy spread of 5m. It has twin co-dominant trunks from the base with an aggregate DBH of 290mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.62. Tree 62. *Corymbia maculata*

This mature tree is approximately 24m tall with a canopy spread of 14m. It has a single trunk with a DBH of 500mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.63. Tree 63. *Corymbia maculata*

This mature tree is approximately 18m tall with a canopy spread of 7m. It has a single trunk with a DBH of 210mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.64. Tree 64. *Eucalyptus microcorys*

This mature tree is approximately 22m tall with a canopy spread of 19m. It has a single trunk with a DBH of 730mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.65. Tree 65. *Corymbia maculata*

This mature tree is approximately 19m tall with a canopy spread of 7m. It has a single trunk with a DBH of 290mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.66. Tree 66. *Melaleuca quinquenervia*

This mature tree is approximately 12m tall with a canopy spread of 8m. It has a single trunk with a DBH of 440mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.67. Tree 67. *Eucalyptus microcorys*

This mature tree is approximately 24m tall with a canopy spread of 17m. It has a single trunk with a DBH of 890mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.68. Tree 68. *Jacaranda mimosifolia*

This mature tree is approximately 9m tall with a canopy spread of 7m. It has a single trunk with a DBH of 310mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.69. Tree 69. *Brachychiton acerifolia*

This mature tree is approximately 10m tall with a canopy spread of 6m. It has a single trunk with a DBH of 265mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.70. Tree 70. *Eucalyptus scoparia*

This mature tree is approximately 13m tall with a canopy spread of 10m. It has a single trunk with a DBH of 370mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.71. Tree 71. *Brachychiton acerifolia*

This mature tree is approximately 15m tall with a canopy spread of 9m. It has a single trunk with a DBH of 340mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.72. Tree 72. *Eucalyptus tereticornis*

This mature tree is approximately 11m tall with a canopy spread of 7m. It has a single trunk with a DBH of 255mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.73. Tree 73. *Melaleuca styphelioides*

This mature tree is approximately 11m tall with a canopy spread of 11m. It has a single trunk with a DBH of 520mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.74. Tree 74. *Melaleuca styphelioides*

This mature tree is approximately 11m tall with a canopy spread of 10m. It has a single trunk with a DBH of 395mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.75. Tree 75. *Leptospermum petersonii*

This mature tree is approximately 10m tall with a canopy spread of 5m. It has twin co-dominant trunks from 1m above the base with an aggregate DBH of 290mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.76. Tree 76. *Eucalyptus microcorys*

This mature tree is approximately 13m tall with a canopy spread of 8m. It has twin co-dominant trunks from 1m above the base with an aggregate DBH of 320mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.77. Tree 77. *Eucalyptus tereticornis*

This mature tree is approximately 14m tall with a canopy spread of 9m. It has a single trunk with a DBH of 375mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.78. Tree 78. *Casuarina cunninghamiana*

This mature tree is approximately 15m tall with a canopy spread of 9m. It has a single trunk with a DBH of 355mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.79. Tree 79. *Casuarina cunninghamiana*

This mature tree is approximately 18m tall with a canopy spread of 12m. It has a single trunk with a DBH of 470mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.80. Tree 80. *Cinnamomum camphora*

This mature tree is approximately 16m tall with a canopy spread of 18m. It has multiple co-dominant trunks from the base with an aggregate DBH of 925mm. This tree is in fair health and condition with a thinning canopy, moderate deadwood, minimal epicormic growth and some apical dieback. There is evidence of decay in this high retention value tree. Cavity within the trunk visually appears greater than 60% of the cambium. We recommend further investigation by means of Resistograph testing to

determine the viability of retention.

Figure 1 - Cavity within Tree 80

3.81. Tree 81. *Corymbia maculata*

This mature tree is approximately 18m tall with a canopy spread of 9m. It has a single trunk with a DBH of 410mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.82. Tree 82. *Eucalyptus tereticornis*

This semi-mature tree is approximately 9m tall with a canopy spread of 3m. It has a single trunk with a DBH of 280mm. This tree is in good health and condition with minimal deadwood and significant epicormic growth.

3.83. Tree 83. *Casuarina cunninghamiana*

This semi-mature tree is approximately 9m tall with a canopy spread of 2m. It has a single trunk with a DBH of 100mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.84. Tree 84. *Eucalyptus tereticornis*

This mature tree is approximately 10m tall with a canopy spread of 7m. It has a single trunk with a DBH of 160mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.85. Tree 85. *Eucalyptus tereticornis*

This mature tree is approximately 15m tall with a canopy spread of 8m. It has a single trunk with a DBH of 240mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.86. Tree 86. *Callistemon viminalis*

This mature tree is approximately 11m tall with a canopy spread of 8m. It has multiple co-dominant trunks from the base with an aggregate DBH of 360mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.87. Tree 87. *Ulmus parvifolia*

This mature tree is approximately 10m tall with a canopy spread of 12m. It has a single trunk with a DBH of 350mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.88. Tree 88. *Acmena smithii*

This mature tree is approximately 15m tall with a canopy spread of 16m. It has a single trunk with a DBH of 580mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.89. Tree 89. *Acacia decurrens*

This mature tree is approximately 11m tall with a canopy spread of 7m. It has a single trunk with a DBH of 200mm. The canopy is unbalanced to the northeast. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.90. Tree 90. *Eucalyptus punctata*

This semi-mature tree is approximately 13m tall with a canopy spread of 7m. It has a single trunk with a DBH of 205mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.91. Tree 91. *Quercus robur*

This mature tree is approximately 18m tall with a canopy spread of 16m. It has a single trunk with a DBH of 1070mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.92. Tree 92. *Liquidambar styraciflua*

This mature tree is approximately 15m tall with a canopy spread of 7m. It has a single trunk with a DBH of 260mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.93. Tree 93. *Eucalyptus tereticornis*

This mature tree is approximately 19m tall with a canopy spread of 12m. It has a single trunk with a DBH of 590mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.94. Tree 94. *Toona ciliata*

This mature tree is approximately 9m tall with a canopy spread of 7m. It has multiple (3) co-dominant trunks from the base with an aggregate DBH of 295mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.95. Tree 95. *Cinnamomum camphora*

This mature tree is approximately 13m tall with a canopy spread of 14m. It has a single trunk with a DBH of 785mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.96. Tree 96. *Eucalyptus tereticornis*

This mature tree is approximately 19m tall with a canopy spread of 9m. It has a single trunk with a DBH of 410mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.97. Tree 97. *Eucalyptus punctata*

This mature tree is approximately 19m tall with a canopy spread of 8m. It has a single trunk with a DBH of 400mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.98. Tree 98. *Syncarpia glomulifera*

This mature tree is approximately 8m tall with a canopy spread of 4m. It has a single trunk with a DBH of 250mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.99. Tree 99. *Ficus rubiginosa*

This mature tree is approximately 16m tall with a canopy spread of 18m. It has a single trunk with a DBH of 810mm. This tree is in fair health and condition with a thinning canopy, minimal deadwood and epicormic growth.

3.100. Tree 100. *Cinnamomum camphora*

This mature tree is approximately 14m tall with a canopy spread of 10m. It has multiple co-dominant trunks from the base with an aggregate DBH of 630mm. This tree is in fair health and condition with a thinning canopy, moderate deadwood, minimal epicormic growth and some apical dieback.

3.101. Tree 101. *Podocarpus elatus*

This mature tree is approximately 15m tall with a canopy spread of 9m. It has a single trunk with a DBH of 450mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.102. Tree 102. *Cinnamomum camphora*

This mature tree is approximately 12m tall with a canopy spread of 9m. It has twin co-dominant trunks from the base with an aggregate DBH of 410mm. This tree is in fair health and condition with a thinning canopy, minimal deadwood and epicormic growth.

3.103. Tree 103. *Cinnamomum camphora*

This mature tree is approximately 15m tall with a canopy spread of 12m. It has a single trunk with a DBH of 830mm. This tree is in fair health and condition with a thinning canopy, minimal deadwood, epicormic growth and moderate apical dieback.

3.104. Tree 104. *Fraxinus griffithii*

This mature tree is approximately 6m tall with a canopy spread of 5m. It has a single trunk with a DBH of 220mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.105. Tree 105. *Cinnamomum camphora*

This mature tree is approximately 9m tall with a canopy spread of 7m. It has a single trunk with a DBH of 270mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.106. Tree 106. *Syncarpia glomulifera*

This mature tree is approximately 16m tall with a canopy spread of 15m. It has a single trunk with a DBH of 820mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.107. Tree 107. *Acer negundo*

This mature tree is approximately 6m tall with a canopy spread of 6m. It has twin co-dominant trunks from the base with an aggregate DBH of 290mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.108. Tree 108. *Acer negundo*

This mature tree is approximately 6m tall with a canopy spread of 5m. It has twin co-dominant trunks from the base with an aggregate DBH of 320mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.109. Tree 109. *Acer negundo*

This mature tree is approximately 12m tall with a canopy spread of 11m. It has twin co-dominant trunks from the base with an aggregate DBH of 480mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.110. Tree 110. *Acer negundo*

This mature tree is approximately 11m tall with a canopy spread of 9m. It has twin co-dominant trunks from the base with an aggregate DBH of 410mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.111. Tree 111. *Melaleuca bracteata*

This mature tree is approximately 9m tall with a canopy spread of 2m. It has a single trunk with a DBH of 110mm. This tree is in fair health and condition with a thinning canopy, moderate deadwood and minimal epicormic growth.

3.112. Tree 112. *Acer negundo*

This mature tree is approximately 10m tall with a canopy spread of 12m. It has a single trunk with a DBH of 495mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.113. Tree 113. *Eucalyptus punctata*

This mature tree is approximately 6m tall with a canopy spread of 6m. It has multiple co-dominant trunks from the base with an aggregate DBH of 250mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.114. Tree 114. *Eucalyptus tereticornis*

This mature tree is approximately 19m tall with a canopy spread of 14m. It has a single trunk with a DBH of 450mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.115. Tree 115. *Corymbia maculata*

This mature tree is approximately 28m tall with a canopy spread of 14m. It has a single trunk with a DBH of 450mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.116. Tree 116. *Angophora floribunda*

This mature tree is approximately 23m tall with a canopy spread of 14m. It has a single trunk with a DBH of 480mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.117. Tree 117. *Corymbia maculata*

This mature tree is approximately 26m tall with a canopy spread of 12m. It has a single trunk with a DBH of 510mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.118. Tree 118. *Eucalyptus punctata*

This mature tree is approximately 21m tall with a canopy spread of 12m. It has a single trunk with a DBH of 500mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.119. Tree 119. *Eucalyptus punctata*

This mature tree is approximately 21m tall with a canopy spread of 11m. It has a single trunk with a DBH of 410mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.120. Tree 120. *Eucalyptus punctata*

This mature tree is approximately 21m tall with a canopy spread of 12m. It has a single trunk with a DBH of 560mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.121. Tree 121. *Podocarpus elatus*

This mature tree is approximately 10m tall with a canopy spread of 8m. It has multiple co-dominant trunks from the base with an aggregate DBH of 320mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.122. Tree 122. *Eucalyptus microcorys*

This mature tree is approximately 24m tall with a canopy spread of 16m. It has a single trunk with a DBH of 950mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.123. Tree 123. *Ficus microcarpa*

This mature tree is approximately 17m tall with a canopy spread of 17m. It has a single trunk with a DBH of 790mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.124. Tree 124. *Ficus microcarpa*

This mature tree is approximately 17m tall with a canopy spread of 17m. It has a single trunk with a DBH of 590mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.125. Tree 125. *Ficus microcarpa*

This mature tree is approximately 18m tall with a canopy spread of 19m. It has a single trunk with a DBH of 780mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.126. Tree 126. *Ficus microcarpa*

This mature tree is approximately 18m tall with a canopy spread of 18m. It has a single trunk with a DBH of 820mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.127. Tree 127. *Ficus microcarpa*

This mature tree is approximately 18m tall with a canopy spread of 17m. It has a single trunk with a DBH of 800mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.128. Tree 128. *Ficus microcarpa*

This mature tree is approximately 18m tall with a canopy spread of 19m. It has a single trunk with a DBH of 1320mm. This tree is in good health and condition with minimal deadwood and epicormic growth. There is evidence of decay in this high retention value tree. We recommend further investigation by means of Resistograph testing to determine viability of retention.

3.129. Tree 129. *Ficus microcarpa*

This mature tree is approximately 18m tall with a canopy spread of 17m. It has a single trunk with a DBH of 820mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.130. Tree 130. *Ficus microcarpa*

This mature tree is approximately 18m tall with a canopy spread of 20m. It has a single trunk with a DBH of 1300mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.131. Tree 131. *Ficus microcarpa*

This mature tree is approximately 18m tall with a canopy spread of 22m. It has a single trunk with a DBH of 1340mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.132. Tree 132. *Citrus spp.*

This mature tree is approximately 5m tall with a canopy spread of 2m. It has twin co-dominant trunks from the base with an aggregate diameter at breast height (DBH) of 120mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.133. Tree 133. *Citrus spp.*

This mature tree is approximately 4.5m tall with a canopy spread of 2m. It has a single trunk with a DBH of 120mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.134. Tree 134. *Sapium sebiferum*

This mature tree is approximately 10m tall with a canopy spread of 4m. It has a single trunk with a DBH of 300mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.135. Tree 135. *Eucalyptus tereticornis*

This mature tree is approximately 21m tall with a canopy spread of 10m. It has a single trunk with a DBH of 600mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.136. Tree 136. *Melaleuca quinquenervia*

This mature tree is approximately 17m tall with a canopy spread of 5m. It has a single trunk with a DBH of 420mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.137. Tree 137. *Callistemon viminalis*

This mature tree is approximately 4m tall with a canopy spread of 7m. It has a single trunk with a DBH of 260mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.138. Tree 138. *Callistemon viminalis*

This mature tree is approximately 4m tall with a canopy spread of 6m. It has a single trunk with a DBH of 230mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.139. Tree 139. *Banksia integrifolia*

This mature tree is approximately 9m tall with a canopy spread of 5m. It has a single trunk with a DBH of 300mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.140. Tree 140. *Ulmus parvifolia*

This mature tree is approximately 12m tall with a canopy spread of 14m. It has a single trunk with a DBH of 400mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.141. Tree 141. *Ulmus parvifolia*

This mature tree is approximately 9m tall with a canopy spread of 10m. It has a single trunk with a DBH of 300mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.142. Tree 142. *Jacaranda mimosifolia*

This mature tree is approximately 14m tall with a canopy spread of 14m. It has a single trunk with a DBH of 640mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.143. Tree 143. *Eucalyptus tereticornis*

This semi-mature tree is approximately 11m tall with a canopy spread of 5m. It has a single trunk with a DBH of 140mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.144. Tree 144. *Corymbia maculata*

This mature tree is approximately 21m tall with a canopy spread of 12m. It has a single trunk with a DBH of 480mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.145. Tree 145. *Eucalyptus tereticornis*

This semi-mature tree is approximately 9m tall with a canopy spread of 4m. It has a single trunk with a DBH of 200mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.146. Tree 146. *Melaleuca styphelioides*

This semi-mature tree is approximately 10m tall with a canopy spread of 7m. It has a single trunk with a DBH of 190mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.147. Tree 147. *Casuarina spp*

This mature tree is approximately 20m tall with a canopy spread of 9m. It has a single trunk with a DBH of 320mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.148. Tree 148. *Melaleuca styphelioides*

This semi-mature tree is approximately 7m tall with a canopy spread of 5m. It has a single trunk with a DBH of 140mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.149. Tree 149. *Corymbia gummifera*

This mature tree is approximately 17m tall with a canopy spread of 9m. It has a single trunk with a DBH of 270mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.150. Tree 150. *Melaleuca styphelioides*

This mature tree is approximately 9m tall with a canopy spread of 6m. It has a single trunk with a DBH of 190mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.151. Tree 151. *Corymbia gummifera*

This mature tree is approximately 17m tall with a canopy spread of 9m. It has twin co-dominant trunks from the base with an aggregate DBH of 240mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.152. Tree 152. *Melaleuca styphelioides*

This mature tree is approximately 10m tall with a canopy spread of 190m. It has a single trunk with a DBH of 320mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.153. Tree 153. *Corymbia gummifera*

This mature tree is approximately 18m tall with a canopy spread of 7m. It has a single trunk with a DBH of 290mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.154. Tree 154. *Corymbia gummifera*

This semi-mature tree is approximately 15m tall with a canopy spread of 7m. It has a single trunk with a DBH of 290mm. This tree is in good health and condition with minimal deadwood and epicormic growth. There is a significant wound in the trunk extending through the cambium with evidence of decay present. We recommend a TRAQ Level 3 Risk Assessment for this tree if this tree is proposed to be retained.

Figure 2 - Wound and decay present in Tree 154

3.155. Tree 155. *Eucalyptus saligna*

This semi-mature tree is approximately 23m tall with a canopy spread of 12m. It has a single trunk with a DBH of 420mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.156. Tree 156. *Eucalyptus tereticornis*

This semi-mature tree is approximately 16m tall with a canopy spread of 5m. It has a single trunk with a DBH of 210mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.157. Tree 157. *Corymbia maculata*

This mature tree is approximately 22m tall with a canopy spread of 12m. It has a single trunk with a DBH of 450mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.158. Tree 158. *Acacia longifolia*

This mature tree is approximately 10m tall with a canopy spread of 2m. It has a single trunk with a DBH of 120mm. This tree is in poor health and condition with a sparse canopy, minimal deadwood, moderate epicormic growth and significant apical dieback.

3.159. Tree 159. *Eucalyptus robusta*

This mature tree is approximately 17m tall with a canopy spread of 8m. It has twin co-dominant trunks from the base with an aggregate DBH of 330mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.160. Tree 160. *Eucalyptus tereticornis*

This mature tree is approximately 16m tall with a canopy spread of 4m. It has a single trunk with a DBH of 200mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.161. Tree 161. *Eucalyptus tereticornis*

This mature tree is approximately 17m tall with a canopy spread of 5m. It has a single trunk with a DBH of 180mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.162. Tree 162. *Eucalyptus robusta*

This mature tree is approximately 10m tall with a canopy spread of 5m. It has a single trunk with a DBH of 190mm. This tree is in poor health and condition with a sparse canopy, minimal deadwood and significant epicormic growth.

3.163. Tree 163. *Eucalyptus robusta*

This mature tree is approximately 10m tall with a canopy spread of 3m. It has a single trunk with a DBH of 120mm. This tree is in poor health and condition with a sparse canopy, minimal deadwood and significant epicormic growth.

3.164. Tree 164. *Eucalyptus saligna*

This mature tree is approximately 22m tall with a canopy spread of 8m. It has a single trunk with a DBH of 320mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.165. Tree 165. *Corymbia maculata*

This mature tree is approximately 22m tall with a canopy spread of 14m. It has a single trunk with a DBH of 510mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.166. Tree 166. *Casuarina spp*

This mature tree is approximately 20m tall with a canopy spread of 8m. It has a single trunk with a DBH of 350mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.167. Tree 167. *Eucalyptus robusta*

This mature tree is approximately 22m tall with a canopy spread of 9m. It has twin co-dominant trunks from 1.5m above the base with a DBH of 510mm. This tree is in good health and condition with minimal deadwood and epicormic growth. There is evidence of bark inclusion in primary junction. A TRAQ Level 2 Risk Assessment is recommended for this tree to determine viability for retention.

3.168. Tree 168. *Corymbia maculata*

This mature tree is approximately 24m tall with a canopy spread of 12m. It has a single trunk with a DBH of 340mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.169. Tree 169. *Dead tree*

This is a dead tree with no visible or apparent habitat and is recommended for removal.

3.170. Tree 170. *Melaleuca styphelioides*

This mature tree is approximately 14m tall with a canopy spread of 6m. It has a single trunk with a DBH of 200mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.171. Tree 171. *Lophostemon confertus*

This mature tree is approximately 15m tall with a canopy spread of 5m. It has a single trunk with a DBH of 250mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.172. Tree 172. *Syncarpia glomulifera*

This mature tree is approximately 9m tall with a canopy spread of 3m. It has twin co-dominant trunks from the base with an aggregate DBH of 200mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.173. Tree 173. *Eucalyptus robusta*

This mature tree is approximately 14m tall with a canopy spread of 8m. It has a single trunk with a DBH of 210mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.174. Tree 174. *Eucalyptus robusta*

This mature tree is approximately 14m tall with a canopy spread of 6m. It has a single trunk with a DBH of 230mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.175. Tree 175. *Eucalyptus robusta*

This semi-mature tree is approximately 6m tall with a canopy spread of 3m. It has a single trunk with a DBH of 140mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.176. Tree 176. *Eucalyptus microcorys*

This mature tree is approximately 20m tall with a canopy spread of 16m. It has a single trunk with a DBH of 600mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.177. Tree 177. *Eucalyptus tereticornis*

This mature tree is approximately 18m tall with a canopy spread of 9m. It has a single trunk with a DBH of 250mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.178. Tree 178. *Casuarina spp*

This mature tree is approximately 19m tall with a canopy spread of 8m. It has a single trunk with a DBH of 580mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.179. Tree 179. *Eucalyptus tereticornis*

This mature tree is approximately 8m tall with a canopy spread of 6m. It has a single trunk with a DBH of 190mm. This tree is in fair health and condition with minimal deadwood and epicormic growth.

3.180. Tree 180. *Eucalyptus tereticornis*

This mature tree is approximately 8m tall with a canopy spread of 6m. It has a single trunk with a DBH of 320mm. This tree is in fair health and condition with minimal deadwood and epicormic growth.

3.181. Tree 181. *Eucalyptus saligna*

This mature tree is approximately 29m tall with a canopy spread of 16m. It has a single trunk with a DBH of 850mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.182. Tree 182. *Melaleuca linariifolia*

This mature tree is approximately 7m tall with a canopy spread of 7m. It has a single trunk with a DBH of 420mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.183. Tree 183. *Eucalyptus saligna*

This mature tree is approximately 17m tall with a canopy spread of 10m. It has multiple (3) co-dominant trunks from the base with an aggregate DBH of 470mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.184. Tree 184. *Eucalyptus saligna*

This mature tree is approximately 12m tall with a canopy spread of 8m. It has a single trunk with a DBH of 450mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.185. Tree 185. *Eucalyptus saligna*

This mature tree is approximately 26m tall with a canopy spread of 14m. It has twin co-dominant trunks from 1.5m above the base with a DBH of 880mm. This tree is in good health and condition with minimal deadwood and epicormic growth. There is evidence of decay present in the primary junction. There is also a wound with damage to the cambium. We recommend a TRAQ Level 3 Risk Assessment for this tree if this tree is proposed to be retained.

3.186. Tree 186. *Melia azedarach*

This mature tree is approximately 10m tall with a canopy spread of 6m. It has a single trunk with a DBH of 315mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.187. Tree 187. *Casuarina spp*

This mature tree is approximately 12m tall with a canopy spread of 8m. It has a single trunk with a DBH of 510mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.188. Tree 188. *Eucalyptus tereticornis*

This mature tree is approximately 13m tall with a canopy spread of 9m. It has a single trunk with a DBH of 360mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.189. Tree 189. *Melia azedarach*

This mature tree is approximately 8m tall with a canopy spread of 6m. It has a single trunk with a DBH of 190mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.190. Tree 190. *Casuarina cunninghamiana*

This mature tree is approximately 15m tall with a canopy spread of 8m. It has a single trunk with a DBH of 380mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.191. Tree 191. *Eucalyptus tereticornis*

This mature tree is approximately 19m tall with a canopy spread of 18m. It has a single trunk with a DBH of 1030mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.192. Tree 192. *Cinnamomum camphora*

This mature tree is approximately 25m tall with a canopy spread of 16m. It has a single trunk with a DBH of 1330mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.193. Tree 193. *Corymbia maculata*

This mature tree is approximately 20m tall with a canopy spread of 8m. It has a single trunk with a DBH of 400mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

3.194. Tree 194. *Corymbia maculata*

This mature tree is approximately 17m tall with a canopy spread of 5m. It has a single trunk with a DBH of 200mm. This tree is in good health and condition with minimal deadwood and epicormic growth.

4.0 Landscape Significance of Trees

4.1 Landscape Significance

The significance of a tree within the landscape is a factor of the health and condition of the tree, vitality, the form of the tree, environmental, cultural, amenity and heritage value.

4.2 Methodology of Determining Landscape Significance

For the purpose of this report, the Significance of a Tree, Assessment Rating System (STARS) as developed by the Institute of Australian Consulting Arborists (IACA) has been implemented. Please refer to Appendix A for greater detail of this assessment system. This system defines Landscape Significance for individual trees as High, Medium or Low Significance.

4.3 Landscape Significance of Subject Trees

Based on our assessment of the subject trees and implementation of the IACA Significance of a Tree, Assessment Rating System, the Landscape Significance of the Subject Trees was determined as shown in Table 1.

Tree no.	Species	Landscape Significance
1.	*Casuarina cunninghamiana*	Medium
2.	*Melaleuca salicina*	Medium
3.	*Casuarina cunninghamiana*	Medium
4.	*Casuarina cunninghamiana*	Medium
5.	*Eucalyptus microcorys*	Medium
6.	*Casuarina cunninghamiana*	Medium
7.	*Casuarina cunninghamiana*	Medium
8.	*Eucalyptus microcorys*	Medium
9.	*Casuarina cunninghamiana*	Medium
10.	*Eucalyptus crebra*	Medium
11.	*Eucalyptus tereticornis*	High
12.	*Eucalyptus tereticornis*	High
13.	*Melaleuca quinquenervia*	High
14.	*Melaleuca quinquenervia*	High
15.	*Melaleuca quinquenervia*	High
16.	*Eucalyptus tereticornis*	High
17.	*Casuarina cunninghamiana*	Medium
18.	*Eucalyptus tereticornis*	High
19.	*Acacia falcata*	Medium
20.	*Eucalyptus crebra*	High
21.	*Casuarina cunninghamiana*	Medium
22.	*Eucalyptus crebra*	High
23.	*Casuarina cunninghamiana*	Medium
24.	*Eucalyptus crebra*	High
25.	*Eucalyptus tereticornis*	High

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26.	*Eucalyptus tereticornis*	High
27.	*Casuarina cunninghamiana*	Medium
28.	*Eucalyptus crebra*	High
29.	*Casuarina cunninghamiana*	Medium
30.	*Eucalyptus crebra*	High
31.	*Eucalyptus crebra*	High
32.	*Casuarina cunninghamiana*	Medium
33.	*Melaleuca quinquenervia*	High
34.	*Eucalyptus crebra*	High
35.	*Eucalyptus moluccana*	High
36.	*Eucalyptus tereticornis*	High
37.	*Eucalyptus moluccana*	High
38.	*Eucalyptus moluccana*	High
39.	*Eucalyptus tereticornis*	High
40.	*Casuarina cunninghamiana*	Medium
41.	*Eucalyptus paniculata*	Medium
42.	*Eucalyptus spp.*	Medium
43.	*Casuarina cunninghamiana*	Medium
44.	*Casuarina cunninghamiana*	Medium
45.	*Casuarina cunninghamiana*	Medium
46.	*Casuarina cunninghamiana*	Medium
47.	*Casuarina cunninghamiana*	Medium
48.	*Casuarina cunninghamiana*	Medium
49.	*Casuarina cunninghamiana*	Medium
50.	*Casuarina cunninghamiana*	Medium
51.	*Eucalyptus microcorys*	Medium
52.	*Casuarina cunninghamiana*	Medium
53.	*Casuarina cunninghamiana*	Medium
54.	*Casuarina cunninghamiana*	Medium
55.	*Casuarina cunninghamiana*	Medium
56.	*Casuarina cunninghamiana*	Medium
57.	*Casuarina cunninghamiana*	Medium
58.	*Eucalyptus microcorys*	Medium
59.	*Corymbia maculata*	Medium
60.	*Eucalyptus tereticornis*	High
61.	*Eucalyptus tereticornis*	High
62.	*Corymbia maculata*	Medium
63.	*Corymbia maculata*	Medium
64.	*Eucalyptus microcorys*	Medium
65.	*Corymbia maculata*	Medium
66.	*Melaleuca quinquenervia*	Medium
67.	*Eucalyptus microcorys*	Medium
68.	*Jacaranda mimosifolia*	Medium
69.	*Brachychiton acerifolia*	Medium

70.	*Eucalyptus scoparia*	Medium
71.	*Brachychiton acerifolia*	Medium
72.	*Eucalyptus tereticornis*	High
73.	*Melaleuca styphelioides*	High
74.	*Melaleuca styphelioides*	High
75.	*Leptospermum petersonii*	Medium
76.	*Eucalyptus microcorys*	Medium
77.	*Eucalyptus tereticornis*	High
78.	*Casuarina cunninghamiana*	Medium
79.	*Casuarina cunninghamiana*	Medium
80.	*Cinnamomum camphora*	Medium
81.	*Corymbia maculata*	Medium
82.	*Eucalyptus tereticornis*	High
83.	*Casuarina cunninghamiana*	Medium
84.	*Eucalyptus tereticornis*	High
85.	*Eucalyptus tereticornis*	High
86.	*Callistemon viminalis*	Medium
87.	*Ulmus parvifolia*	Medium
88.	*Acmena smithii*	Medium
89.	*Acacia decurrens*	Medium
90.	*Eucalyptus punctata*	High
91.	*Quercus robur*	Medium
92.	*Liquidambar styraciflua*	Medium
93.	*Eucalyptus tereticornis*	High
94.	*Toona ciliata*	Medium
95.	*Cinnamomum camphora*	Medium
96.	*Eucalyptus tereticornis*	High
97.	*Eucalyptus punctata*	High
98.	*Syncarpia glomulifera*	High
99.	*Ficus rubiginosa*	High
100.	*Cinnamomum camphora*	Medium
101.	*Podocarpus elatus*	Medium
102.	*Cinnamomum camphora*	Medium
103.	*Cinnamomum camphora*	Medium
104.	*Fraxinus griffithii*	Medium
105.	*Cinnamomum camphora*	Medium
106.	*Syncarpia glomulifera*	High
107.	*Acer negundo*	Medium
108.	*Acer negundo*	Medium
109.	*Acer negundo*	Medium
110.	*Acer negundo*	Medium
111.	*Melaleuca bracteata*	Medium
112.	*Acer negundo*	Medium
113.	*Eucalyptus punctata*	High

114.	*Eucalyptus tereticornis*	High
115.	*Corymbia maculata*	High
116.	*Angophora floribunda*	High
117.	*Corymbia maculata*	High
118.	*Eucalyptus punctata*	High
119.	*Eucalyptus punctata*	High
120.	*Eucalyptus punctata*	High
121.	*Podocarpus elatus*	Medium
122.	*Eucalyptus microcorys*	High
123.	*Ficus microcarpa*	High
124.	*Ficus microcarpa*	High
125.	*Ficus microcarpa*	High
126.	*Ficus microcarpa*	High
127.	*Ficus microcarpa*	High
128.	*Ficus microcarpa*	High
129.	*Ficus microcarpa*	High
130.	*Ficus microcarpa*	High
131.	*Ficus microcarpa*	High
132.	*Citrus spp.*	Low
133.	*Citrus spp.*	Low
134.	*Sapium sebiferum*	Medium
135.	*Eucalyptus tereticornis*	High
136.	*Melaleuca quinquenervia*	Medium
137.	*Callistemon viminalis*	Medium
138.	*Callistemon viminalis*	Medium
139.	*Banksia integrifolia*	Medium
140.	*Ulmus parvifolia*	Medium
141.	*Ulmus parvifolia*	Medium
142.	*Jacaranda mimosifolia*	Medium
143.	*Eucalyptus tereticornis*	High
144.	*Corymbia maculata*	Medium
145.	*Eucalyptus tereticornis*	High
146.	*Melaleuca styphelioides*	High
147.	*Casuarina spp*	Medium
148.	*Melaleuca styphelioides*	High
149.	*Corymbia gummifera*	High
150.	*Melaleuca styphelioides*	High
151.	*Corymbia gummifera*	High
152.	*Melaleuca styphelioides*	High
153.	*Corymbia gummifera*	High
154.	*Corymbia gummifera*	High
155.	*Eucalyptus saligna*	High
156.	*Eucalyptus tereticornis*	High
157.	*Corymbia maculata*	Medium

158.	*Acacia longifolia*	Low
159.	*Eucalyptus robusta*	Medium
160.	*Eucalyptus tereticornis*	High
161.	*Eucalyptus tereticornis*	High
162.	*Eucalyptus robusta*	Low
163.	*Eucalyptus robusta*	Low
164.	*Eucalyptus saligna*	High
165.	*Corymbia maculata*	Medium
166.	*Casuarina spp*	Medium
167.	*Eucalyptus robusta*	Medium
168.	*Corymbia maculata*	Medium
169.	*Dead tree*	Low
170.	*Melaleuca styphelioides*	High
171.	*Lophostemon confertus*	Medium
172.	*Syncarpia glomulifera*	High
173.	*Eucalyptus robusta*	Medium
174.	*Eucalyptus robusta*	Medium
175.	*Eucalyptus robusta*	Medium
176.	*Eucalyptus microcorys*	Medium
177.	*Eucalyptus tereticornis*	High
178.	*Casuarina spp*	Medium
179.	*Eucalyptus tereticornis*	High
180.	*Eucalyptus tereticornis*	High
181.	*Eucalyptus saligna*	High
182.	*Melaleuca linariifolia*	High
183.	*Eucalyptus saligna*	High
184.	*Eucalyptus saligna*	High
185.	*Eucalyptus saligna*	High
186.	*Melia azedarach*	Medium
187.	*Casuarina spp*	Medium
188.	*Eucalyptus tereticornis*	Medium
189.	*Melia azedarach*	Medium
190.	*Casuarina cunninghamiana*	Medium
191.	*Eucalyptus tereticornis*	High
192.	*Cinnamomum camphora*	Medium
193.	*Corymbia maculata*	Medium
194.	*Corymbia maculata*	Medium

Table 1 - Landscape Significance

5.0 Subject Tree Retention Value

5.1 Tree Retention Value Methodology

For the purpose of this report, the Tree Retention Values have been assessed by incorporating Landscape Significance Values as determined in 4.0 with the Useful Life Expectancy of the subject trees and assessing the retention values based on the Tree Retention Value Priority Matrix as developed by the Institute of Australian Consulting Arborists (IACA). Please refer to Appendix B for greater detail on this Tree Retention Value Priority Matrix. This matrix defines Landscape Significance for individual trees as High, Medium or Low Retention Value as well as Priority for Removal.

5.2 Retention Value of Subject Trees

Based on our assessment of the subject trees and implementation of the IACA Tree Retention Value Priority Matrix, the Retention Values of the Subject Trees were determined as shown in Table 2.

Tree no.	Species	Retention Value
1.	*Casuarina cunninghamiana*	Medium
2.	*Melaleuca salicina*	Medium
3.	*Casuarina cunninghamiana*	Medium
4.	*Casuarina cunninghamiana*	Medium
5.	*Eucalyptus microcorys*	Medium
6.	*Casuarina cunninghamiana*	Medium
7.	*Casuarina cunninghamiana*	Medium
8.	*Eucalyptus microcorys*	Medium
9.	*Casuarina cunninghamiana*	Medium
10.	*Eucalyptus crebra*	Medium
11.	*Eucalyptus tereticornis*	High
12.	*Eucalyptus tereticornis*	High
13.	*Melaleuca quinquenervia*	High
14.	*Melaleuca quinquenervia*	High
15.	*Melaleuca quinquenervia*	High
16.	*Eucalyptus tereticornis*	High
17.	*Casuarina cunninghamiana*	Medium
18.	*Eucalyptus tereticornis*	High
19.	*Acacia falcata*	Medium
20.	*Eucalyptus crebra*	High
21.	*Casuarina cunninghamiana*	Medium
22.	*Eucalyptus crebra*	High
23.	*Casuarina cunninghamiana*	Medium
24.	*Eucalyptus crebra*	High
25.	*Eucalyptus tereticornis*	High
26.	*Eucalyptus tereticornis*	High
27.	*Casuarina cunninghamiana*	Medium

28.	*Eucalyptus crebra*	High
29.	*Casuarina cunninghamiana*	Medium
30.	*Eucalyptus crebra*	High
31.	*Eucalyptus crebra*	High
32.	*Casuarina cunninghamiana*	Medium
33.	*Melaleuca quinquenervia*	High
34.	*Eucalyptus crebra*	High
35.	*Eucalyptus moluccana*	High
36.	*Eucalyptus tereticornis*	High
37.	*Eucalyptus moluccana*	High
38.	*Eucalyptus moluccana*	High
39.	*Eucalyptus tereticornis*	High
40.	*Casuarina cunninghamiana*	Medium
41.	*Eucalyptus paniculata*	Medium
42.	*Eucalyptus spp.*	Medium
43.	*Casuarina cunninghamiana*	Medium
44.	*Casuarina cunninghamiana*	Medium
45.	*Casuarina cunninghamiana*	Medium
46.	*Casuarina cunninghamiana*	Medium
47.	*Casuarina cunninghamiana*	Medium
48.	*Casuarina cunninghamiana*	Medium
49.	*Casuarina cunninghamiana*	Medium
50.	*Casuarina cunninghamiana*	Medium
51.	*Eucalyptus microcorys*	Medium
52.	*Casuarina cunninghamiana*	Medium
53.	*Casuarina cunninghamiana*	Medium
54.	*Casuarina cunninghamiana*	Medium
55.	*Casuarina cunninghamiana*	Medium
56.	*Casuarina cunninghamiana*	Medium
57.	*Casuarina cunninghamiana*	Medium
58.	*Eucalyptus microcorys*	Medium
59.	*Corymbia maculata*	Medium
60.	*Eucalyptus tereticornis*	High
61.	*Eucalyptus tereticornis*	High
62.	*Corymbia maculata*	Medium
63.	*Corymbia maculata*	Medium
64.	*Eucalyptus microcorys*	Medium
65.	*Corymbia maculata*	Medium
66.	*Melaleuca quinquenervia*	Medium
67.	*Eucalyptus microcorys*	Medium
68.	*Jacaranda mimosifolia*	Medium
69.	*Brachychiton acerifolia*	Medium
70.	*Eucalyptus scoparia*	Medium
71.	*Brachychiton acerifolia*	Medium

72.	*Eucalyptus tereticornis*	High
73.	*Melaleuca styphelioides*	High
74.	*Melaleuca styphelioides*	High
75.	*Leptospermum petersonii*	Medium
76.	*Eucalyptus microcorys*	Medium
77.	*Eucalyptus tereticornis*	High
78.	*Casuarina cunninghamiana*	Medium
79.	*Casuarina cunninghamiana*	Medium
80.	*Cinnamomum camphora*	Medium
81.	*Corymbia maculata*	Medium
82.	*Eucalyptus tereticornis*	High
83.	*Casuarina cunninghamiana*	Medium
84.	*Eucalyptus tereticornis*	High
85.	*Eucalyptus tereticornis*	High
86.	*Callistemon viminalis*	Medium
87.	*Ulmus parvifolia*	Medium
88.	*Acmena smithii*	Medium
89.	*Acacia decurrens*	Medium
90.	*Eucalyptus punctata*	High
91.	*Quercus robur*	Medium
92.	*Liquidambar styraciflua*	Medium
93.	*Eucalyptus tereticornis*	High
94.	*Toona ciliata*	Medium
95.	*Cinnamomum camphora*	Medium
96.	*Eucalyptus tereticornis*	High
97.	*Eucalyptus punctata*	High
98.	*Syncarpia glomulifera*	High
99.	*Ficus rubiginosa*	High
100.	*Cinnamomum camphora*	Medium
101.	*Podocarpus elatus*	Medium
102.	*Cinnamomum camphora*	Medium
103.	*Cinnamomum camphora*	Medium
104.	*Fraxinus griffithii*	Medium
105.	*Cinnamomum camphora*	Medium
106.	*Syncarpia glomulifera*	High
107.	*Acer negundo*	Medium
108.	*Acer negundo*	Medium
109.	*Acer negundo*	Medium
110.	*Acer negundo*	Medium
111.	*Melaleuca bracteata*	Medium
112.	*Acer negundo*	Medium
113.	*Eucalyptus punctata*	High
114.	*Eucalyptus tereticornis*	High
115.	*Corymbia maculata*	High

116.	*Angophora floribunda*	High
117.	*Corymbia maculata*	High
118.	*Eucalyptus punctata*	High
119.	*Eucalyptus punctata*	High
120.	*Eucalyptus punctata*	High
121.	*Podocarpus elatus*	Medium
122.	*Eucalyptus microcorys*	High
123.	*Ficus microcarpa*	High
124.	*Ficus microcarpa*	High
125.	*Ficus microcarpa*	High
126.	*Ficus microcarpa*	High
127.	*Ficus microcarpa*	High
128.	*Ficus microcarpa*	High
129.	*Ficus microcarpa*	High
130.	*Ficus microcarpa*	High
131.	*Ficus microcarpa*	High
132.	*Citrus spp.*	Low
133.	*Citrus spp.*	Low
134.	*Sapium sebiferum*	Medium
135.	*Eucalyptus tereticornis*	High
136.	*Melaleuca quinquenervia*	Medium
137.	*Callistemon viminalis*	Medium
138.	*Callistemon viminalis*	Medium
139.	*Banksia integrifolia*	Medium
140.	*Ulmus parvifolia*	Medium
141.	*Ulmus parvifolia*	Medium
142.	*Jacaranda mimosifolia*	Medium
143.	*Eucalyptus tereticornis*	High
144.	*Corymbia maculata*	Medium
145.	*Eucalyptus tereticornis*	High
146.	*Melaleuca styphelioides*	High
147.	*Casuarina spp*	Medium
148.	*Melaleuca styphelioides*	High
149.	*Corymbia gummifera*	High
150.	*Melaleuca styphelioides*	High
151.	*Corymbia gummifera*	High
152.	*Melaleuca styphelioides*	High
153.	*Corymbia gummifera*	High
154.	*Corymbia gummifera*	High
155.	*Eucalyptus saligna*	High
156.	*Eucalyptus tereticornis*	High
157.	*Corymbia maculata*	Medium
158.	*Acacia longifolia*	Low
159.	*Eucalyptus robusta*	Medium

160.	*Eucalyptus tereticornis*	High
161.	*Eucalyptus tereticornis*	High
162.	*Eucalyptus robusta*	Low
163.	*Eucalyptus robusta*	Low
164.	*Eucalyptus saligna*	High
165.	*Corymbia maculata*	Medium
166.	*Casuarina spp*	Medium
167.	*Eucalyptus robusta*	Medium
168.	*Corymbia maculata*	Medium
169.	*Dead tree*	Low
170.	*Melaleuca styphelioides*	High
171.	*Lophostemon confertus*	Medium
172.	*Syncarpia glomulifera*	High
173.	*Eucalyptus robusta*	Medium
174.	*Eucalyptus robusta*	Medium
175.	*Eucalyptus robusta*	Medium
176.	*Eucalyptus microcorys*	Medium
177.	*Eucalyptus tereticornis*	High
178.	*Casuarina spp*	Medium
179.	*Eucalyptus tereticornis*	High
180.	*Eucalyptus tereticornis*	High
181.	*Eucalyptus saligna*	High
182.	*Melaleuca linariifolia*	High
183.	*Eucalyptus saligna*	High
184.	*Eucalyptus saligna*	High
185.	*Eucalyptus saligna*	High
186.	*Melia azedarach*	Medium
187.	*Casuarina spp*	Medium
188.	*Eucalyptus tereticornis*	Medium
189.	*Melia azedarach*	Medium
190.	*Casuarina cunninghamiana*	Medium
191.	*Eucalyptus tereticornis*	High
192.	*Cinnamomum camphora*	Medium
193.	*Corymbia maculata*	Medium
194.	*Corymbia maculata*	High

Table 2 – Tree Retention Value

6.0 Development Impact

6.1 Tree Protection Zone

Tree Protection Zones (TPZs) have been defined for the subject trees in order to define the encroachment of the proposed development in accordance with *AS4970-2009*. The TPZs required have been taken as a circular area with a radius 12 x the diameter at breast height of the tree. This requirement is in line with Australian Standard AS 4970-2009 Protection of Trees on Development Sites. This standard defines a maximum of 10% encroachment to be minimal encroachment. Any encroachment over 10% requires the site arborist to give consideration as to the viability of the tree due to the proposed development.

6.2 Structural Root Zone

Structural Root Zone (SRZs) are defined by AS*4970-2009* as the area of root development required for the structural stability of the tree. The SRZ is required to be assessed only when an encroachment greater than 10% is considered.

Tree no.	Species	TPZ Radius (m)	Encroachment %	SRZ Radius (m)
1.	*Casuarina cunninghamiana*	6.06	0	2.67
2.	*Melaleuca salicina*	3.36	0	2.13
3.	*Casuarina cunninghamiana*	4.02	0	2.20
4.	*Casuarina cunninghamiana*	4.68	0	2.37
5.	*Eucalyptus microcorys*	6.24	0	2.67
6.	*Casuarina cunninghamiana*	3.3	0	2.13
7.	*Casuarina cunninghamiana*	3.6	25	2.20
8.	*Eucalyptus microcorys*	6.96	22	2.76
9.	*Casuarina cunninghamiana*	5.4	10	2.63
10.	*Eucalyptus crebra*	6	10	2.65
11.	*Eucalyptus tereticornis*	4.32	30	2.34
12.	*Eucalyptus tereticornis*	4.2	30	2.30
13.	*Melaleuca quinquenervia*	8.04	100	2.93
14.	*Melaleuca quinquenervia*	7.44	100	2.87
15.	*Melaleuca quinquenervia*	6.12	100	2.71
16.	*Eucalyptus tereticornis*	4.08	30	2.23
17.	*Casuarina cunninghamiana*	4.8	100	2.49
18.	*Eucalyptus tereticornis*	8.28	0	2.88
19.	*Acacia falcata*	2	0	1.61

20.	*Eucalyptus crebra*	3.36	0	2.15
21.	*Casuarina cunninghamiana*	2	0	1.79
22.	*Eucalyptus crebra*	2.52	100	1.94
23.	*Casuarina cunninghamiana*	2.64	30	1.72
24.	*Eucalyptus crebra*	2.52	0	1.88
25.	*Eucalyptus tereticornis*	2.64	0	1.97
26.	*Eucalyptus tereticornis*	2.76	0	2.05
27.	*Casuarina cunninghamiana*	2.28	0	2.02
28.	*Eucalyptus crebra*	2	0	1.72
29.	*Casuarina cunninghamiana*	2.64	40	1.97
30.	*Eucalyptus crebra*	2	0	1.79
31.	*Eucalyptus crebra*	2	0	1.68
32.	*Casuarina cunninghamiana*	2.64	0	1.94
33.	*Melaleuca quinquenervia*	2	0	1.68
34.	*Eucalyptus crebra*	4.2	0	2.30
35.	*Eucalyptus moluccana*	2.76	30	2.02
36.	*Eucalyptus tereticornis*	2.46	0	1.97
37.	*Eucalyptus moluccana*	3.48	0	2.15
38.	*Eucalyptus moluccana*	2	0	1.72
39.	*Eucalyptus tereticornis*	5.1	0	2.53
40.	*Casuarina cunninghamiana*	2.76	0	1.97
41.	*Eucalyptus paniculata*	3.96	0	2.23
42.	*Eucalyptus spp.*	4.32	0	2.30
43.	*Casuarina cunninghamiana*	4.2	0	2.34
44.	*Casuarina cunninghamiana*	4.08	0	2.34
45.	*Casuarina cunninghamiana*	2	0	1.79
46.	*Casuarina cunninghamiana*	5.52	0	2.59
47.	*Casuarina cunninghamiana*	5.52	0	2.61
48.	*Casuarina cunninghamiana*	3.12	0	2.15
49.	*Casuarina cunninghamiana*	2	0	1.75
50.	*Casuarina cunninghamiana*	4.32	0	2.43

51.	*Eucalyptus microcorys*	6.48	0	2.73
52.	*Casuarina cunninghamiana*	6.12	0	2.69
53.	*Casuarina cunninghamiana*	2	0	1.75
54.	*Casuarina cunninghamiana*	5.28	0	2.59
55.	*Casuarina cunninghamiana*	5.04	0	2.51
56.	*Casuarina cunninghamiana*	8.52	0	3.01
57.	*Casuarina cunninghamiana*	5.4	0	2.53
58.	*Eucalyptus microcorys*	8.4	0	3.00
59.	*Corymbia maculata*	6	0	2.59
60.	*Eucalyptus tereticornis*	2.46	0	1.94
61.	*Eucalyptus tereticornis*	3.48	0	2.15
62.	*Corymbia maculata*	6	0	2.63
63.	*Corymbia maculata*	2.52	0	1.88
64.	*Eucalyptus microcorys*	8.76	0	3.00
65.	*Corymbia maculata*	3.48	0	2.15
66.	*Melaleuca quinquenervia*	5.28	0	2.45
67.	*Eucalyptus microcorys*	10.68	0	3.25
68.	*Jacaranda mimosifolia*	3.72	0	2.28
69.	*Brachychiton acerifolia*	3.18	0	2.10
70.	*Eucalyptus scoparia*	4.44	0	2.30
71.	*Brachychiton acerifolia*	4.08	0	2.39
72.	*Eucalyptus tereticornis*	3.06	0	2.15
73.	*Melaleuca styphelioides*	6.24	0	2.69
74.	*Melaleuca styphelioides*	4.74	0	2.49
75.	*Leptospermum petersonii*	3.48	0	2.15
76.	*Eucalyptus microcorys*	3.84	0	2.23
77.	*Eucalyptus tereticornis*	4.5	0	2.30
78.	*Casuarina cunninghamiana*	4.26	0	2.43
79.	*Casuarina cunninghamiana*	5.64	0	2.59
80.	*Cinnamomum camphora*	11.1	0	3.44
81.	*Corymbia maculata*	4.92	0	2.45
82.	*Eucalyptus tereticornis*	3.36	0	2.15
83.	*Casuarina cunninghamiana*	2	0	1.65
84.	*Eucalyptus tereticornis*	1.92	0	1.88
85.	*Eucalyptus tereticornis*	2.88	0	2.15

86.	*Callistemon viminalis*	4.32	0	2.34
87.	*Ulmus parvifolia*	4.2	0	2.25
88.	*Acmena smithii*	6.96	0	2.78
89.	*Acacia decurrens*	2.4	0	1.88
90.	*Eucalyptus punctata*	2.46	0	1.88
91.	*Quercus robur*	12.84	0	3.51
92.	*Liquidambar styraciflua*	3.12	0	2.15
93.	*Eucalyptus tereticornis*	7.08	0	2.78
94.	*Toona ciliata*	3.54	25	2.10
95.	*Cinnamomum camphora*	9.42	40	3.14
96.	*Eucalyptus tereticornis*	4.92	100	2.39
97.	*Eucalyptus punctata*	4.8	100	2.45
98.	*Syncarpia glomulifera*	3	100	2.15
99.	*Ficus rubiginosa*	9.72	0	3.22
100	*Cinnamomum camphora*	7.56	25	2.87
101	*Podocarpus elatus*	5.4	100	2.53
102	*Cinnamomum camphora*	4.92	100	2.45
103	*Cinnamomum camphora*	9.96	100	3.28
104	*Fraxinus griffithii*	2.64	40	1.97
105	*Cinnamomum camphora*	3.24	40	2.13
106	*Syncarpia glomulifera*	9.84	0	3.20
107	*Acer negundo*	3.48	0	2.15
108	*Acer negundo*	3.84	0	2.20
109	*Acer negundo*	5.76	0	2.55
110	*Acer negundo*	4.92	0	2.45
111	*Melaleuca bracteata*	1.32	0	1.57
112	*Acer negundo*	5.94	0	2.63
113	*Eucalyptus punctata*	3	0	2.10
114	*Eucalyptus tereticornis*	5.4	100	2.57
115	*Corymbia maculata*	5.4	0	2.59
116	*Angophora floribunda*	5.76	100	2.55
117	*Corymbia maculata*	6.12	10	2.71
118	*Eucalyptus punctata*	6	10	2.63
119	*Eucalyptus punctata*	4.92	0	2.43
120	*Eucalyptus punctata*	6.72	22	2.76
121	*Podocarpus elatus*	3.84	0	2.20
122	*Eucalyptus microcorys*	11.4	28	3.44
123	*Ficus microcarpa*	9.48	16	3.24
124	*Ficus microcarpa*	7.08	0	2.88
125	*Ficus microcarpa*	9.36	0	3.24
126	*Ficus microcarpa*	9.84	0	3.27
127	*Ficus microcarpa*	9.6	0	3.20
128	*Ficus microcarpa*	15	12	3.92
129	*Ficus microcarpa*	9.84	5	3.17

130	*Ficus microcarpa*	15	14	3.87
131	*Ficus microcarpa*	15	14	3.92
132	*Citrus spp.*	2	100	1.36
133	*Citrus spp.*	2	100	1.40
134	*Sapium sebiferum*	3.6	0	2.18
135	*Eucalyptus tereticornis*	7.2	0	2.85
136	*Melaleuca quinquenervia*	5.04	0	2.47
137	*Callistemon viminalis*	3.12	0	2.00
138	*Callistemon viminalis*	2.76	0	2.00
139	*Banksia integrifolia*	3.6	0	2.13
140	*Ulmus parvifolia*	4.8	0	2.34
141	*Ulmus parvifolia*	3.6	0	2.08
142	*Jacaranda mimosifolia*	7.68	0	2.93
143	*Eucalyptus tereticornis*	1.68	0	1.68
144	*Corymbia maculata*	5.76	20	2.57
145	*Eucalyptus tereticornis*	2.4	100	1.94
146	*Melaleuca styphelioides*	2.28	100	1.85
147	*Casuarina spp*	3.84	100	2.25
148	*Melaleuca styphelioides*	1.68	100	1.79
149	*Corymbia gummifera*	3.24	100	2.13
150	*Melaleuca styphelioides*	2.28	100	1.79
151	*Corymbia gummifera*	2.88	100	2.15
152	*Melaleuca styphelioides*	3.84	100	2.25
153	*Corymbia gummifera*	3.48	0	2.23
154	*Corymbia gummifera*	3.48	0	2.00
155	*Eucalyptus saligna*	5.04	0	2.57
156	*Eucalyptus tereticornis*	2.52	0	2.00
157	*Corymbia maculata*	5.4	0	2.67
158	*Acacia longifolia*	2	0	1.68
159	*Eucalyptus robusta*	3.96	0	2.13
160	*Eucalyptus tereticornis*	2.4	0	1.94
161	*Eucalyptus tereticornis*	2.16	0	1.82
162	*Eucalyptus robusta*	2.28	0	1.85
163	*Eucalyptus robusta*	2	0	1.75
164	*Eucalyptus saligna*	3.84	0	2.37
165	*Corymbia maculata*	6.12	0	2.67
166	*Casuarina spp*	4.2	0	2.25
167	*Eucalyptus robusta*	6.12	0	2.67
168	*Corymbia maculata*	4.08	0	2.25
169	*Dead tree*	N/A	0	N/A
170	*Melaleuca styphelioides*	2.4	0	2.00
171	*Lophostemon confertus*	3	0	2.00
172	*Syncarpia glomulifera*	2.4	0	1.85
173	*Eucalyptus robusta*	2.52	25	1.85

174	*Eucalyptus robusta*	2.76	100	1.94
175	*Eucalyptus robusta*	2	100	1.68
176	*Eucalyptus microcorys*	7.2	0	2.98
177	*Eucalyptus tereticornis*	3	0	2.13
178	*Casuarina spp*	6.96	0	2.78
179	*Eucalyptus tereticornis*	2.28	0	1.85
180	*Eucalyptus tereticornis*	3.84	0	2.25
181	*Eucalyptus saligna*	10.2	0	3.20
182	*Melaleuca linariifolia*	5.04	0	2.37
183	*Eucalyptus saligna*	5.64	0	2.47
184	*Eucalyptus saligna*	5.4	0	2.57
185	*Eucalyptus saligna*	10.56	100	3.24
186	*Melia azedarach*	3.78	100	2.13
187	*Casuarina spp*	6.12	100	2.55
188	*Eucalyptus tereticornis*	4.32	100	2.30
189	*Melia azedarach*	2.28	100	1.85
190	*Casuarina cunninghamiana*	4.56	100	2.34
191	*Eucalyptus tereticornis*	12.36	25	3.47
192	*Cinnamomum camphora*	15	0	3.87
193	*Corymbia maculata*	4.8	0	2.47
194	*Corymbia maculata*	2.4	10	1.85

7.0 Recommendations

Trees 80, 128, 154 and 185 have evidence of decay within the trunk. Once the decay or cavity exceeds 60% of the tree diameter, the tree is at an increased risk of failure (Mattheck & Breloer, 1994, page 185). If these trees are proposed to be retained within the context of the proposed development, we recommend that a Risk Assessment including a Resistograph Test be carried out to determine the viability of this tree to be retained.

Tree 169 is dead with no visible fauna habitat. This tree is recommended for removal.

Trees 158, 162 and 163 are in poor and declining health with significant apical dieback and extensive deadwood. These trees have low retention value.

The Tree Protection Zones (TPZ) of Trees 7, 8, 11, 12, 13, 14, 15, 16, 17, 21, 22, 29, 35, 94, 95, 96, 97, 98, 100, 101, 102, 103, 104, 105, 114, 116, 120, 122, 128, 130, 131, 132, 133, 144, 145, 146, 147, 148, 149, 150, 151, 152, 173, 174, 175, 185, 186, 187, 188, 189, 190, and 191 are encroached by the proposed construction, civil, stormwater and required earthworks by a major encroachment as defined by *AS4970-2009 Protection of Trees on Development Sites.* These trees will not be viable to be retained and will be required to be removed due to the proposed development.

The TPZ of Trees 123, 128, 130 and 131 are encroached by slightly greater than a minor encroachment. Based on consideration under Clause 3.3.4 of *AS4970-2009* of these species' tolerance to root disturbance, these trees will remain viable to be retained. This assessment is based on all excavation for the proposed swale drain to be carried out by non-destructive excavation by means of manual excavation, air spade or vacuum truck operating at less than 1000 Psi under the supervision and direction of the Project Arborist. No roots with a diameter of 20mm or greater are to be damaged within the swale excavation.

The viability of Trees 117 and 118 is based on consideration of the barrier to root development of the existing car park surface and base course in accordance with clause 3.3.4 of *AS4970-2009.* This assessment is conditional on the final car park surface matching existing levels including the existing base course and no roots being damaged as a result of the car park resurfacing. All excavations, demolition of existing surface and base course within the TPZ is to be carried out under the direction and supervision of the Project Arborist. All excavation within the TPZ is to be carried out using nondestructive methods such as manual excavation or vacuum truck operating at less than 1000Psi.

All other trees are viable to be retained and are to be protected as defined below.

Recommendations for tree retention or removal are summarised as follows:

Tree no.	Species	Recommendations	Comments	Retention Value
1.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in	Medium

			accordance with 8.0.	
2.	*Melaleuca salicina*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
3.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
4.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
5.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
6.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
7.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to the proposed development.	Medium
8.	*Eucalyptus microcorys*	Remove	Not viable to be retained due to the proposed development.	Medium
9.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
10.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium

11.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.	High
12.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.	High
13.	*Melaleuca quinquenervia*	Remove	Not viable to be retained due to the proposed development.	High
14.	*Melaleuca quinquenervia*	Remove	Not viable to be retained due to the proposed development.	High
15.	*Melaleuca quinquenervia*	Remove	Not viable to be retained due to the proposed development.	High
16.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.	High
17.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to the proposed development.	Medium
18.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
19.	*Acacia falcata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
20.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.	High
21.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to	Medium

			the proposed development.	
22.	*Eucalyptus crebra*	Remove	Not viable to be retained due to the proposed development.	High
23.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
24.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.	High
25.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
26.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
27.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
28.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.	High
29.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to the proposed development.	Medium
30.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.	High

31.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.	High
32.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
33.	*Melaleuca quinquenervia*	Retain	Viable to be retained and protected in accordance with 8.0.	High
34.	*Eucalyptus crebra*	Retain	Viable to be retained and protected in accordance with 8.0.	High
35.	*Eucalyptus moluccana*	Remove	Not viable to be retained due to the proposed development.	High
36.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
37.	*Eucalyptus moluccana*	Retain	Viable to be retained and protected in accordance with 8.0.	High
38.	*Eucalyptus moluccana*	Retain	Viable to be retained and protected in accordance with 8.0.	High
39.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High

40.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
41.	*Eucalyptus paniculata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
42.	*Eucalyptus spp.*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
43.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
44.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
45.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
46.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
47.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
48.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium

49.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
50.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
51.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
52.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
53.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
54.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
55.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
56.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
57.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium

58.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
59.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
60.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
61.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
62.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
63.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
64.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
65.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
66.	*Melaleuca quinquenervia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium

67.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
68.	*Jacaranda mimosifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
69.	*Brachychiton acerifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
70.	*Eucalyptus scoparia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
71.	*Brachychiton acerifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
72.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
73.	*Melaleuca styphelioides*	Retain	Viable to be retained and protected in accordance with 8.0.	High
74.	*Melaleuca styphelioides*	Retain	Viable to be retained and protected in accordance with 8.0.	High
75.	*Leptospermum petersonii*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium

76.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
77.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
78.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
79.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
80.	*Cinnamomum camphora*	Recommend Risk Assessment/ Resistograph Testing	Some apical dieback. Evidence of decay in high retention value tree. Large cavity at base of tree visibly greater than 60%. Recommend Resistograph testing to determine viability of retention. Viable to be retained and protected in accordance with 8.0.	Medium
81.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium

82.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
83.	*Casuarina cunninghamiana*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
84.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
85.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
86.	*Callistemon viminalis*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
87.	*Ulmus parvifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
88.	*Acmena smithii*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
89.	*Acacia decurrens*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
90.	*Eucalyptus punctata*	Retain	Viable to be retained and protected in accordance with 8.0.	High

91.	*Quercus robur*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
92.	*Liquidambar styraciflua*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
93.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
94.	*Toona ciliata*	Remove	Not viable to be retained due to the proposed development.	Medium
95.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.	Medium
96.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.	High
97.	*Eucalyptus punctata*	Remove	Not viable to be retained due to the proposed development.	High
98.	*Syncarpia glomulifera*	Remove	Not viable to be retained due to the proposed development.	High
99.	*Ficus rubiginosa*	Retain	Viable to be retained and protected in accordance with 8.0.	High
100.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.	Medium

101.	*Podocarpus elatus*	Remove	Not viable to be retained due to the proposed development.	Medium
102.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.	Medium
103.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.	Medium
104.	*Fraxinus griffithii*	Remove	Not viable to be retained due to the proposed development.	Medium
105.	*Cinnamomum camphora*	Remove	Not viable to be retained due to the proposed development.	Medium
106.	*Syncarpia glomulifera*	Retain	Viable to be retained and protected in accordance with 8.0.	High
107.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
108.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
109.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
110.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium

111.	*Melaleuca bracteata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
112.	*Acer negundo*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
113.	*Eucalyptus punctata*	Retain	Viable to be retained and protected in accordance with 8.0.	High
114.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.	High
115.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	High
116.	*Angophora floribunda*	Remove	Not viable to be retained due to the proposed development.	High
117.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	High
118.	*Eucalyptus punctata*	Retain	Viable to be retained and protected in accordance with 8.0.	High
119.	*Eucalyptus punctata*	Retain	Viable to be retained and protected in accordance with 8.0.	High
120.	*Eucalyptus punctata*	Remove	Not viable to be retained due to	High

			the proposed development.	
121.	*Podocarpus elatus*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
122.	*Eucalyptus microcorys*	Remove	Not viable to be retained due to the proposed development.	High
123.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.	High
124.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.	High
125.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.	High
126.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.	High
127.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.	High
128.	*Ficus microcarpa*	Retain Recommend Risk Assessment/ Resistograph Testing	Viable to be retained and protected in accordance with 8.0. Evidence of decay in high retention value tree. Recommend	High

			Resistograph testing to determine viability of retention. Not viable to be retained due to development.	
129.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.	High
130.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.	High
131.	*Ficus microcarpa*	Retain	Viable to be retained and protected in accordance with 8.0.	High
132.	*Citrus spp.*	Remove	Not viable to be retained due to the proposed development.	Low
133.	*Citrus spp.*	Remove	Not viable to be retained due to the proposed development.	Low
134.	*Sapium sebiferum*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
135.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
136.	*Melaleuca quinquenervia*	Retain	Viable to be retained and protected in	Medium

			accordance with 8.0.	
137.	*Callistemon viminalis*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
138.	*Callistemon viminalis*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
139.	*Banksia integrifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
140.	*Ulmus parvifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
141.	*Ulmus parvifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
142.	*Jacaranda mimosifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
143.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
144.	*Corymbia maculata*	Remove	Not viable to be retained due to the proposed development.	Medium
145.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.	High

146.	*Melaleuca styphelioides*	Remove	Not viable to be retained due to the proposed development.	High
147.	*Casuarina spp*	Remove	Not viable to be retained due to the proposed development.	Medium
148.	*Melaleuca styphelioides*	Remove	Not viable to be retained due to the proposed development.	High
149.	*Corymbia gummifera*	Remove	Not viable to be retained due to the proposed development.	High
150.	*Melaleuca styphelioides*	Remove	Not viable to be retained due to the proposed development.	High
151.	*Corymbia gummifera*	Remove	Not viable to be retained due to the proposed development.	High
152.	*Melaleuca styphelioides*	Remove	Not viable to be retained due to the proposed development.	High
153.	*Corymbia gummifera*	Retain	Viable to be retained and protected in accordance with 8.0.	High
154.	*Corymbia gummifera*	Risk Assessment	Evidence of decay. Viable to be retained and protected in accordance with 8.0.	High
155.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in accordance with 8.0.	High

156.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
157.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
158.	*Acacia longifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	Low
159.	*Eucalyptus robusta*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
160.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
161.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
162.	*Eucalyptus robusta*	Retain	Viable to be retained and protected in accordance with 8.0.	Low
163.	*Eucalyptus robusta*	Retain	Viable to be retained and protected in accordance with 8.0.	Low
164.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in accordance with 8.0.	High

165.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
166.	*Casuarina spp*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
167.	*Eucalyptus robusta*	TRAQ Level 2 Risk Assessment	Evidence of a bark inclusion in primary junction. Viable to be retained and protected in accordance with 8.0.	Medium
168.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
169.	*Dead tree*	Remove	No habitat.	Low
170.	*Melaleuca styphelioides*	Retain	Viable to be retained and protected in accordance with 8.0.	High
171.	*Lophostemon confertus*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
172.	*Syncarpia glomulifera*	Retain	Viable to be retained and protected in accordance with 8.0.	High
173.	*Eucalyptus robusta*	Remove	Not viable to be retained due to the proposed development.	Medium
174.	*Eucalyptus robusta*	Remove	Not viable to be retained due to	Medium

			the proposed development.	
175.	*Eucalyptus robusta*	Remove	Not viable to be retained due to the proposed development.	Medium
176.	*Eucalyptus microcorys*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
177.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
178.	*Casuarina spp*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
179.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
180.	*Eucalyptus tereticornis*	Retain	Viable to be retained and protected in accordance with 8.0.	High
181.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in accordance with 8.0.	High
182.	*Melaleuca linariifolia*	Retain	Viable to be retained and protected in accordance with 8.0.	High
183.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in	High

			accordance with 8.0.	
184.	*Eucalyptus saligna*	Retain	Viable to be retained and protected in accordance with 8.0.	High
185.	*Eucalyptus saligna*	Risk Assessment	Decay present in primary junction in leaning trunk overhanging car park. Not viable to be retained.	High
186.	*Melia azedarach*	Remove	Not viable to be retained due to the proposed development.	Medium
187.	*Casuarina spp*	Remove	Not viable to be retained due to the proposed development.	Medium
188.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.	Medium
189.	*Melia azedarach*	Remove	Not viable to be retained due to the proposed development.	Medium
190.	*Casuarina cunninghamiana*	Remove	Not viable to be retained due to the proposed development.	Medium
191.	*Eucalyptus tereticornis*	Remove	Not viable to be retained due to the proposed development.	High
192.	*Cinnamomum camphora*	Retain	Viable to be retained and protected in accordance with 8.0.	Medium
193.	*Corymbia maculata*	Retain	Viable to be retained and protected in	Medium

			accordance with 8.0.	
194.	*Corymbia maculata*	Retain	Viable to be retained and protected in accordance with 8.0.	High

8.0 Pre-Construction Tree Protection Measures

8.1 General

All tree protection works shall be carried out before excavation, grading and site works commence. Tree protection works shall be inspected and approved by a Consulting Arborist meeting AQF Level 5 prior to construction works commencing.

Storage of materials, mixing of materials, vehicle parking, disposal of liquids, machinery repairs and refueling, site office and sheds, and the lighting of fires, stockpiling of soil, rubble or any debris shall not be carried out within the TPZ of existing trees. No backfilling shall occur within the TPZ of existing trees. Trees shall not be removed or lopped unless specific instruction is given in writing by the Superintendent.

8.2 Identification

All trees to be protected shall be clearly identified and all TPZs surveyed.

8.3 Site Arborist

Prior to all site works commencing, a Site Arborist is to be appointed with the responsibility of implementing all Tree Protection Measures in this report as well as compliance with AS4970-2009 Protection of Trees on Development Sites. The Site Arborist is to hold qualifications equivalent of AQF Level 5.

8.4 Protective Fence

Fencing is to be erected around existing trees to be retained. In addition to this protective fencing within the site, Protective Fencing is to be installed to the full extent of the TPZs within the site. This fencing is to be erected prior to any materials being brought on site or before any site, civil works or construction works commence. The fence shall enclose a sufficient area so as to prevent damage to the TPZ as defined on Appendix D Tree Protection Plan and as defined in 5.1 above. Fence to comprise 1800mm high chain wire mesh fixed to 50mm diameter Galvanised steel posts. Panels should be securely fixed top and bottom to avoid separation. No storage of building materials, tools, paint, fuel or contaminants and the like shall occur within the fenced area.

8.5 Mulching

Install mulch to the extent of all tree protection fencing. Use a leaf mulch conforming to AS 4454 which is free of deleterious and extraneous matter such as soil, weeds, sticks and stones and consisting of a minimum of 90% recycled content compliant with AS 4454 (1999) and AS 4419 (1998). All trees marked as to be removed on the

proposed development are to be chipped and reused for this purpose. Place mulch evenly and to a depth of 100mm.

8.6 Signage

Prior to works commencing, tree protection signage is to be attached to each tree protection zone, displayed in a prominent position and the sign repeated at 10 metres intervals or closer where the fence changes direction. Each sign shall contain in a clearly legible form, the following information:
Tree protection zone.

- This fence has been installed to prevent damage to the trees and their growing environment both above and below ground and access is restricted.
- No Access within Tree Protection Zone
- The name, address, and telephone number of the developer.

The name and telephone number of the Site Arborist.

8.7 Trunk and Branch Protection

Where a tree is to be retained and a Tree Protection Zone cannot be adequately established due to restricted access, the trunk and branches in the lower crown will be protected by wrapping 2 layers of hessian or carpet underfelt around the trunk and branches for a minimum of 2 m or as lower branches permit, then metal strapping secures 38x50 x2000 mm timber battens together around the trunk (do not nail or screw to the trunk or branches). The number of battens to be used is as required to encircle the trunk and the battens are to extend to the base of the tree (AS4970 2009 Protection of trees on development sites, Figure 3 Examples of Trunk, Branch and ground protection).

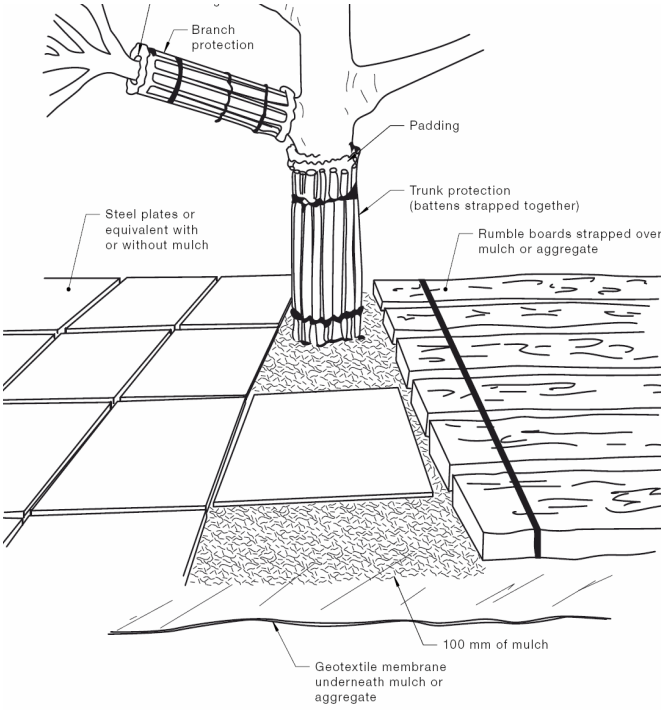


Figure 3 - Trunk Protection

9.0 Site Management Issues

9.1 Soil Compaction

Plant and pedestrian traffic during the construction period will cause significant soil compaction. This will be exacerbated by increased water expected on these soils as result of adjacent construction and weather. Compaction of the soil within the TPZ will reduce the voids between soil peds or particles therefore will reduce the gaseous exchange capacity of the root system which will slow critical metabolic processes. No pedestrian or plant access is permissible to the TPZ.

9.2 Site Access

Sufficient access is required to enable efficient construction. It is essential to delineate access zones or corridors which will provide suitable access without damaging the existing trees to be retained or causing compaction to the root zone.

9.3 Excavation within Tree Protection Area

No excavation is to be carried out within the TPZs of retained trees without the permission and supervision of the Site Arborist (AQF5)

9.4 Possible Contamination / Storage of Materials

The construction site will require the use of many chemicals and materials that are possible contaminants which if not managed will pose a risk to the existing trees. These possible contaminants include fuels, herbicides, solvents and the like. A site-specific Environmental Management Plan shall be provided, and this specific risk identified and addressed.

10.0 Tree Protection Measures During Construction

10.1 Maintenance of Pre-Construction Tree Protection Measures

The Pre-Construction Tree Protection Measures identified in 5.0 above are to be maintained in good and serviceable condition throughout the construction period.

10.2 Possible Contaminants

Do not store or otherwise place bulk materials and harmful materials under or near trees. Do not place spoil from excavations within the TPZs. Prevent wind-blown materials such as cement from harming trees. All possible contaminants are to be stored in a designated and appropriate area with secure chemical spill measures such as a bund in place.

10.3 Physical Damage

Prevent damage to tree. Do not attach stays, guys and the like to trees. No personnel, plant, machinery or materials are to be allowed within the tree protection fencing.

10.4 Compaction

No filling or compaction shall occur over tree roots zones within tree protection fenced areas. Where construction occurs close to or the TPZ of trees to be retained it shall be necessary to install protection to avoid compaction of the ground surface. This protection is to be planks supported clear of the ground fixed to scaffolding.

10.5 Trenching

No Trenching should be necessary within the TPZs or within tree protection fencing. No further trenching is to be carried out without the approval of the Site Arborist. Should any further trenching be required within the TPZs identified, this work is to be carried out by hand and under the supervision of a qualified Arborist.

10.6 Irrigation/Watering

Contractor is to ensure that soil moisture levels are adequately maintained. Apply water at an appropriate rate suitable for the species during periods of little or no rainfall.

10.7 Site Sheds / Amenities/ Storage

Site sheds, site amenities, ablutions and site storage shall be in the area clear of all TPZ. Chemicals and potential contaminants are to be stored appropriately and this storage area is to be enclosed by a chemical spill bund to prevent the potential run off of contaminants in the event of a spillage or accident.

11.0 References

Mattheck, C. Breloer, K. 1993, The Body Language of Trees: A Handbook for Failure Analysis, 12th Impression 2010 The Stationery Office.
AS4970-2009 Protection of Trees on Development Sites: Standards Australia

12.0 Disclaimer

This Appraisal has been prepared for the exclusive use of the Client and Birds Tree Consultancy.
Birds Tree Consultancy accepts no responsibility for its use by other persons. The Client acknowledges that this Appraisal, and any opinions, advice or recommendations expressed or given in it, are based on the information supplied by the Client and on the data inspections, measurements and analysis carried out or obtained Birds Tree Consultancy and referred to in the Appraisal. The Client should rely on the Appraisal, and on its contents, only to that extent.

Every effort has been made in this report to include, assess and address all defects, structural weaknesses, instabilities and the like of the subject trees. All inspections were made from ground level using only visual means and no intrusive or destructive means of inspection were used. For many structural defects such as decay and inclusions, internal inspection is required by means of Resistograph or similar. No such investigation has been made in this case. Trees are living organisms and are subject to failure through a variety of causes not able to be identified by means of this inspection and report.

Appendix A Landscape Significance

IACA Significance of a Tree, Assessment Rating System (STARS) ©
(IACA 2010) ©

In the development of this document IACA acknowledges the contribution and original concept of the Footprint Green Tree Significance & Retention Value Matrix, developed by Footprint Green Pty Ltd in June 2001.

The landscape significance of a tree is an essential criterion to establish the importance that a particular tree may have on a site. However, rating the significance of a tree becomes subjective and difficult to ascertain in a consistent and repetitive fashion due to assessor bias. It is therefore necessary to have a rating system utilising structured qualitative criteria to assist in determining the retention value for a tree. To assist this process all definitions for terms used in the *Tree Significance - Assessment Criteria* and *Tree Retention Value - Priority Matrix*, are taken from the IACA Dictionary for Managing Trees in Urban Environments 2009.

This rating system will assist in the planning processes for proposed works, above and below ground where trees are to be retained on or adjacent a development site. The system uses a scale of *High*, *Medium* and *Low* significance in the landscape. Once the landscape significance of an individual tree has been defined, the retention value can be determined.

Tree Significance - Assessment Criteria

1. High Significance in landscape

- The tree is in good condition and good vigour;
- The tree has a form typical for the species;
- The tree is a remnant or is a planted locally indigenous specimen and/or is rare or uncommon in the local area or of botanical interest or of substantial age;
- The tree is listed as a Heritage Item, Threatened Species or part of an Endangered ecological community or listed on Councils significant Tree Register;
- The tree is visually prominent and visible from a considerable distance when viewed from most directions within the landscape due to its size and scale and makes a positive contribution to the local amenity;
- The tree supports social and cultural sentiments or spiritual associations, reflected by the broader population or community group or has commemorative values;
- The tree's growth is unrestricted by above and below ground influences, supporting its ability to reach dimensions typical for the taxa *in situ* - tree is appropriate to the site conditions.

2. Medium Significance in landscape

- The tree is in fair-good condition and good or low vigour;
- The tree has form typical or atypical of the species;
- The tree is a planted locally indigenous or a common species with its taxa commonly planted in the local area
- The tree is visible from surrounding properties, although not visually prominent as partially obstructed by other vegetation or buildings when viewed from the street,
- The tree provides a fair contribution to the visual character and amenity of the local area,
- The tree's growth is moderately restricted by above or below ground influences, reducing its ability to reach dimensions typical for the taxa *in situ*.

3. Low Significance in landscape

- The tree is in fair-poor condition and good or low vigour;
- The tree has form atypical of the species;
- The tree is not visible or is partly visible from surrounding properties as obstructed by other vegetation or buildings,
- The tree provides a minor contribution or has a negative impact on the visual character and amenity of the local area,
- The tree is a young specimen which may or may not have reached dimension to be protected by local Tree Preservation orders or similar protection mechanisms and can easily be replaced with a suitable specimen,
- The tree's growth is severely restricted by above or below ground influences, unlikely to reach dimensions typical for the taxa *in situ* - tree is inappropriate to the site conditions,
- The tree is listed as exempt under the provisions of the local Council Tree Preservation Order or similar protection mechanisms,
- The tree has a wound or defect that has potential to become structurally unsound.

Environmental Pest / Noxious Weed Species

- The tree is an Environmental Pest Species due to its invasiveness or poisonous/ allergenic properties,
- The tree is a declared noxious weed by legislation.

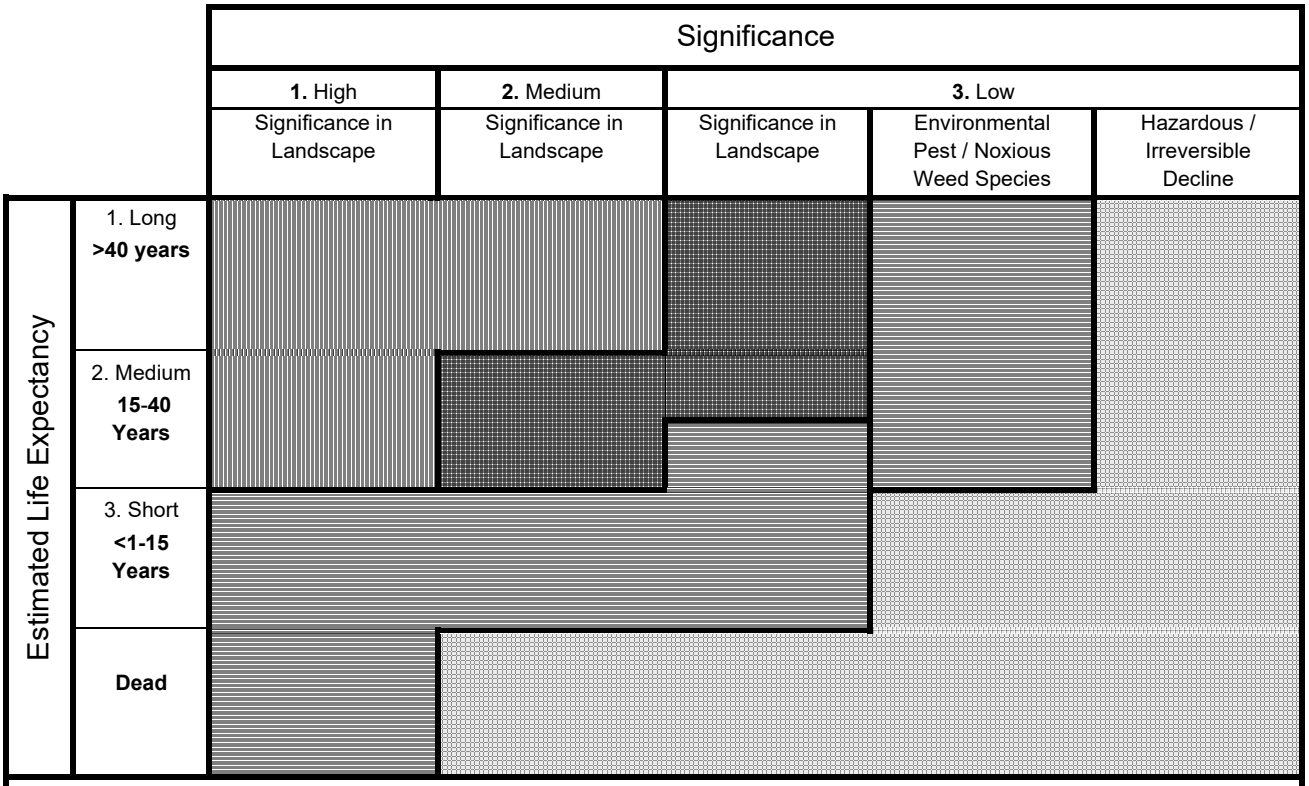
Hazardous/Irreversible Decline

- The tree is structurally unsound and/or unstable and is considered potentially dangerous,
- The tree is dead, or is in irreversible decline, or has the potential to fail or collapse in full or part in the immediate to short term.

The tree is to have a minimum of three (3) criteria in a category to be classified in that group.

Note: The assessment criteria are for individual trees only, however, can be applied to a monocultural stand in its entirety e.g. hedge.

Appendix B Tree Retention Values



Legend for Matrix Assessment

INSTITUTE OF AUSTRALIAN CONSULTING ARBORICULTURISTS
IACA
MANAGING URBAN TREES ®

	Priority for Retention (High) - These trees are considered important for retention and should be retained and protected. Design modification or re-location of building/s should be considered to accommodate the setbacks as prescribed by the Australian Standard AS4970 *Protection of trees on development sites*. Tree sensitive construction measures must be implemented e.g. pier and beam etc if works are to proceed within the Tree Protection Zone.
	Consider for Retention (Medium) - These trees may be retained and protected. These are considered less critical; however their retention should remain priority with removal considered only if adversely affecting the proposed building/works and all other alternatives have been considered and exhausted.
	Consider for Removal (Low) - These trees are not considered important for retention, nor require special works or design modification to be implemented for their retention.
	Priority for Removal - These trees are considered hazardous, or in irreversible decline, or weeds and should be removed irrespective of development.

REFERENCES

Australia ICOMOS Inc. 1999, *The Burra Charter – The Australian ICOMOS Charter for Places of Cultural Significance*, International Council of Monuments and Sites, www.icomos.org/australia

Draper BD and Richards PA 2009, *Dictionary for Managing Trees in Urban Environments*, Institute of Australian Consulting Arboriculturists (IACA), CSIRO Publishing, Collingwood, Victoria, Australia.

Footprint Green Pty Ltd 2001, *Footprint Green Tree Significance & Retention Value Matrix*, Avalon, NSW Australia, www.footprintgreen.com.au

Appendix C - Tree Inspection Data

Birds Tree Consultancy

Consulting Arborist• Project Management • Horticultural Consultancy • Landscape Management

Inspection Data 8-Jun-20 27-Apr-23
Concord HS

Tree no.	Species	Height (m)	Spread(m)	DBH (mm)	TPZ Radius (m)	Dia at base	SRZ Radius (m)	Maturity	Trunk (single, twin, multiple @)	Trunk lean	Form/Crown shape	Branching Habit	Crown Distribution	Stability	Branching Structure	Pruning History	Defects	Damage	Overall Health & Vigour	Canopy Density	Foliage	Deadwood	Epicormic Growth	Pest Infestation	Disease	Life expectancy	Env. & Landcape significance	Retention Value	Notes/Comments
1	Casuarina spp	25	8	505	6.06	600	2.67	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
2	Melaleuca salicina	10	5	280	3.36	350	2.13	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
3	Casuarina spp	21	9	335	4.02	380	2.20	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
4	Casuarina spp	21	8	390	4.68	450	2.37	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
5	Eucalyptus microcorys	22	12	520	6.24	600	2.67	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
6	Casuarina spp	18	8	275	3.3	350	2.13	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
7	Casuarina spp	17	7	300	3.6	380	2.20	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
8	Eucalyptus microcorys	22	12	580	6.96	650	2.76	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
9	Casuarina spp	26	12	450	5.4	580	2.63	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
10	Eucalyptus crebra	22	13	500	6	590	2.65	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
11	Eucalyptus tereticornis	26	8	360	4.32	440	2.34	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
12	Eucalyptus tereticornis	21	9	350	4.2	420	2.30	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
13	Melaleuca quinquenervia	17	12	670	8.04	750	2.93	Mature	Multiple (3) @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
14	Melaleuca quinquenervia	18	9	620	7.44	710	2.87	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
15	Melaleuca quinquenervia	17	8	510	6.12	620	2.71	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
16	Eucalyptus tereticornis	18	9	340	4.08	390	2.23	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
17	Casuarina spp	19	6	400	4.8	510	2.49	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
18	Eucalyptus tereticornis	23	13	690	8.28	720	2.88	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
19	Acacia falcata	9	3	110	2	180	1.61	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	5-15y	Medium	Medium	
20	Eucalyptus crebra	20	18	280	3.36	360	2.15	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
21	Casuarina spp	18	5	150	2	230	1.79	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
22	Eucalyptus crebra	15	6	210	2.52	280	1.94	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
23	Casuarina spp	20	6	220	2.64	210	1.72	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
24	Eucalyptus crebra	15	8	210	2.52	260	1.88	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
25	Eucalyptus tereticornis	14	8	220	2.64	290	1.97	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
26	Eucalyptus tereticornis	18	6	230	2.76	320	2.05	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
27	Casuarina spp	17	8	190	2.28	310	2.02	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
28	Eucalyptus crebra	16	6	140	2	210	1.72	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
29	Casuarina spp	16	8	220	2.64	290	1.97	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
30	Eucalyptus crebra	16	12	140	2	230	1.79	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
31	Eucalyptus crebra	14	6	130	2	200	1.68	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
32	Casuarina spp	17	8	220	2.64	280	1.94	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
33	Melaleuca quinquenervia	12	6	140	2	200	1.68	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
34	Eucalyptus crebra	18	12	350	4.2	420	2.30	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
35	Eucalyptus moluccana	17	8	230	2.76	310	2.02	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
36	Eucalyptus tereticornis	12	6	205	2.46	290	1.97	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
37	Eucalyptus moluccana	18	12	290	3.48	360	2.15	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
38	Eucalyptus moluccana	11	4	145	2	210	1.72	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	

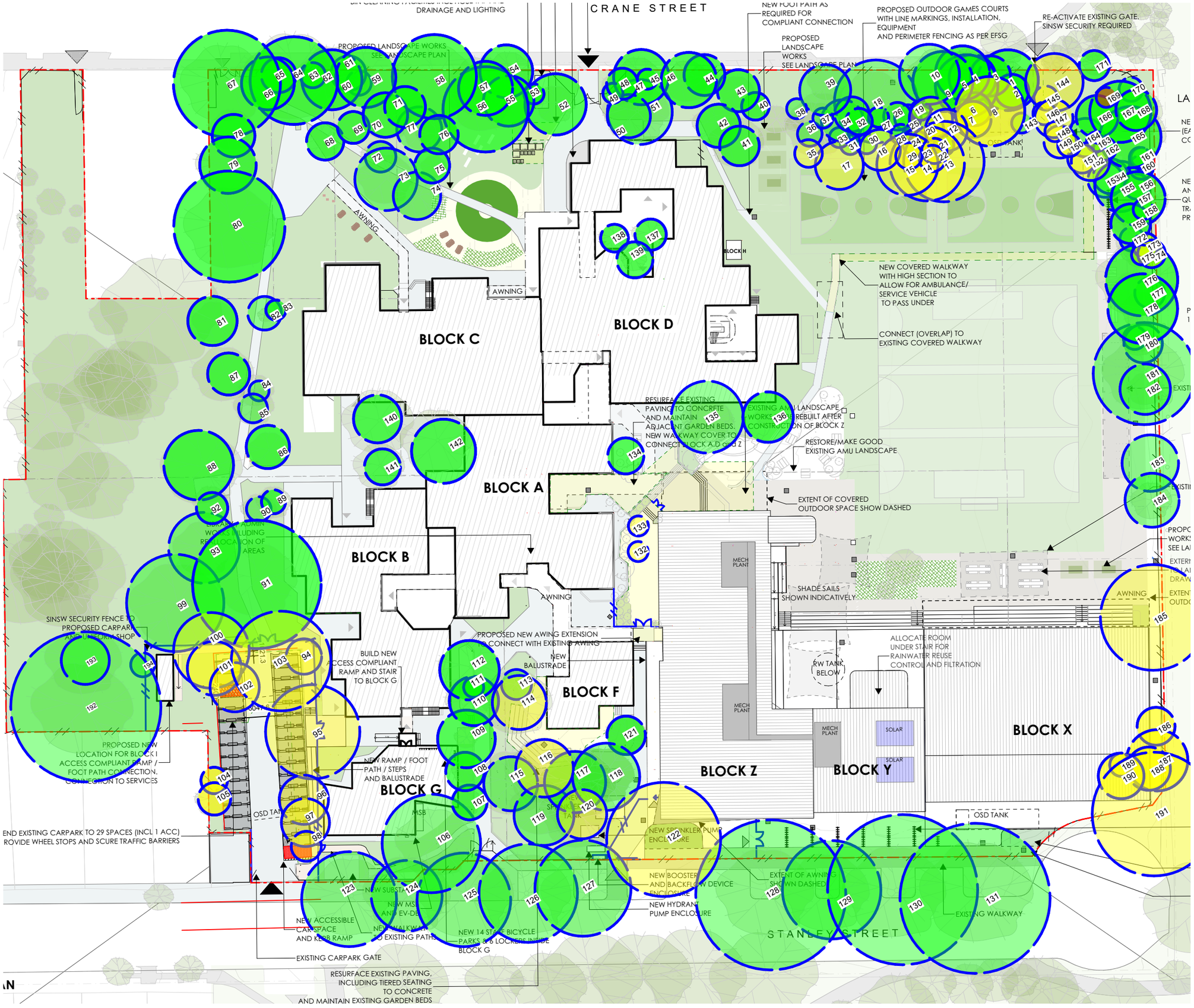
Tree no.	Species	Height (m)	Spread(m)	DBH (mm)	TPZ Radius (m)	Dia at base	SRZ Radius (m)	Maturity	Trunk (single, twin, multiple @)	Trunk lean	Form/Crown shape	Branching Habit	Crown Distribution	Stability	Branching Structure	Pruning History	Defects	Damage	Overall Health & Vigour	Canopy Density	Foliage	Deadwood	Epicormic Growth	Pest Infestation	Disease	Life expectancy	Env. & Landcape significance	Retention Value	Notes/Comments
39	Eucalyptus tereticornis	16	8	425	5.1	530	2.53	Mature	Twin @ 1m	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
40	Casuarina spp	19	5	230	2.76	290	1.97	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
41	Eucalyptus paniculata	21	11	330	3.96	390	2.23	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
42	Euc.	19	9	360	4.32	420	2.30	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
43	Casuarina spp	10	7	350	4.2	440	2.34	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
44	Casuarina spp	11	6	340	4.08	440	2.34	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
45	Casuarina spp	8	2	110	2	230	1.79	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	Medium	Medium	
46	Casuarina spp	23	9	460	5.52	560	2.59	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
47	Casuarina spp	24	9	460	5.52	570	2.61	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
48	Casuarina spp	21	8	260	3.12	360	2.15	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
49	Casuarina spp	9	4	100	2	220	1.75	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	Medium	Medium	
50	Casuarina spp	20	9	360	4.32	480	2.43	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
51	Eucalyptus microcorys	22	13	540	6.48	630	2.73	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
52	Casuarina spp	16	8	510	6.12	610	2.69	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
53	Casuarina spp	12	5	150	2	220	1.75	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
54	Casuarina spp	16	9	440	5.28	560	2.59	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
55	Casuarina spp	17	11	420	5.04	520	2.51	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
56	Casuarina spp	18	12	710	8.52	800	3.01	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
57	Casuarina spp	18	13	450	5.4	530	2.53	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
58	Eucalyptus microcorys	18	16	700	8.4	790	3.00	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
59	Corymbia maculata	21	13	500	6	560	2.59	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
60	Eucalyptus tereticornis	22	8	205	2.46	280	1.94	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
61	Eucalyptus tereticornis	16	5	290	3.48	360	2.15	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
62	Corymbia maculata	24	14	500	6	580	2.63	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
63	Corymbia maculata	18	7	210	2.52	260	1.88	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
64	Eucalyptus microcorys	22	19	730	8.76	790	3.00	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
65	Corymbia maculata	19	7	290	3.48	360	2.15	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
66	Melaleuca quinquenervia	12	8	440	5.28	490	2.45	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
67	Eucalyptus microcorys	24	17	890	10.68	960	3.25	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
68	Jacaranda mimosifolia	9	7	310	3.72	410	2.28	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
69	Brachychiton acerifolia	10	6	265	3.18	340	2.10	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
70	Eucalyptus scoparia	13	10	370	4.44	420	2.30	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
71	Brachychiton acerifolia	15	9	340	4.08	460	2.39	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
72	Eucalyptus tereticornis	11	7	255	3.06	360	2.15	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
73	Melaleuca stypheloides	11	11	520	6.24	610	2.69	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
74	Melaleuca stypheloides	11	10	395	4.74	510	2.49	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
75	Leptospermum petersonii	10	5	290	3.48	360	2.15	Mature	Twin @ 1m	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
76	Eucalyptus microcorys	13	8	320	3.84	390	2.23	Mature	Twin @ 1m	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
77	Eucalyptus tereticornis	14	9	375	4.5	420	2.30	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
78	Casuarina spp	15	9	355	4.26	480	2.43	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
79	Casuarina spp	18	12	470	5.64	560	2.59	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	

Tree no.	Species	Height (m)	Spread(m)	DBH (mm)	TPZ Radius (m)	Dia at base	SRZ Radius (m)	Maturity	Trunk (single, twin, multiple @)	Trunk lean	Form/Crown shape	Branching Habit	Crown Distribution	Stability	Branching Structure	Pruning History	Defects	Damage	Overall Health & Vigour	Canopy Density	Foliage	Deadwood	Epicormic Growth	Pest Infestation	Disease	Life expectancy	Env. & Landcape significance	Retention Value	Notes/Comments
80	Cinnamomum camphora	16	18	925	11.1	1100	3.44	Mature	Multiple @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Evidence of decay, Cavity	Cavity	Fair	Thinning	Normal	15%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
81	Corymbia maculata	18	9	410	4.92	490	2.45	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
82	Eucalyptus tereticornis	9	3	280	3.36	360	2.15	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	50%	No evidence	No evidence	40y+	High	High	
83	Casuarina spp	9	2	100	2	190	1.65	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	Medium	Medium	
84	Eucalyptus tereticornis	10	7	160	2	260	1.88	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
85	Eucalyptus tereticornis	15	8	240	2.88	360	2.15	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
86	Callistemon viminalis	11	8	360	4.32	440	2.34	Mature	Multiple @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
87	Ulmus parvifolia	10	12	350	4.2	400	2.25	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
88	Acmena smithii	15	16	580	6.96	660	2.78	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
89	Acacia decurrens	11	7	200	2.4	260	1.88	Mature	Single	NIL	Normal	Normal	NE	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
90	Eucalyptus punctata	13	7	205	2.46	260	1.88	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
91	Quercus robur	18	16	1070	12.84	1150	3.51	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
92	Liquidambar styraciflua	15	7	260	3.12	360	2.15	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
93	Eucalyptus tereticornis	19	12	590	7.08	660	2.78	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
94	Toona ciliata	9	7	295	3.54	340	2.10	Mature	Multiple (3) @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	Medium	Medium	
95	Cinnamomum camphora	13	14	785	9.42	880	3.14	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
96	Eucalyptus tereticornis	19	9	410	4.92	460	2.39	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
97	Eucalyptus punctata	19	8	400	4.8	490	2.45	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
98	Syncarpia glomulifera	8	4	250	3	360	2.15	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
99	Ficus rubiginosa	16	18	810	9.72	940	3.22	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Fair	Thinning	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
100	Cinnamomum camphora	14	10	630	7.56	710	2.87	Mature	Multiple @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Fair	Thinning	Normal	20%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
101	Podocarpus elatus	15	9	450	5.4	530	2.53	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
102	Cinnamomum camphora	12	9	410	4.92	490	2.45	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Fair	Thinning	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
103	Cinnamomum camphora	15	12	830	9.96	980	3.28	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Fair	Thinning	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
104	Fraxinus griffithii	6	5	220	2.64	290	1.97	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
105	Cinnamomum camphora	9	7	270	3.24	350	2.13	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
106	Syncarpia glomulifera	16	15	820	9.84	920	3.20	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
107	Acer negundo	6	6	290	3.48	360	2.15	Mature	Twin @	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
108	Acer negundo	6	5	320	3.84	380	2.20	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
109	Acer negundo	12	11	480	5.76	540	2.55	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
110	Acer negundo	11	9	410	4.92	490	2.45	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
111	Melaleuca bracteata	9	2	110	2	170	1.57	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Fair	Thinning	Normal	25%	<5%	No evidence	No evidence	5-15y	Medium	Medium	
112	Acer negundo	10	12	495	5.94	580	2.63	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
113	Eucalyptus punctata	6	6	250	3	340	2.10	Mature	Multiple @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
114	Eucalyptus tereticornis	19	14	450	5.4	550	2.57	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
115	Corymbia maculata	28	14	450	5.4	560	2.59	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
116	Angophora floribunda	23	14	480	5.76	540	2.55	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
117	Corymbia maculata	26	12	510	6.12	620	2.71	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
119	Eucalyptus punctata	21	12	500	6	580	2.63	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
120	Eucalyptus punctata	21	11	410	4.92	480	2.43	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	

Tree no.	Species	Height (m)	Spread(m)	DBH (mm)	TPZ Radius (m)	Dia at base	SRZ Radius (m)	Maturity	Trunk (single, twin, multiple @)	Trunk lean	Form/Crown shape	Branching Habit	Crown Distribution	Stability	Branching Structure	Pruning History	Defects	Damage	Overall Health & Vigour	Canopy Density	Foliage	Deadwood	Epicormic Growth	Pest Infestation	Disease	Life expectancy	Env. & Landcape significance	Retention Value	Notes/Comments
118	Eucalyptus punctata	21	12	560	6.72	650	2.76	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
121	Podocarpus elatus	10	8	320	3.84	380	2.20	Mature	Multiple @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
122	Eucalyptus microcorys	24	16	950	11.4	1100	3.44	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
123	Ficus microcarpa	17	17	790	9.48	950	3.24	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
124	Ficus microcarpa	17	17	590	7.08	720	2.88	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
125	Ficus microcarpa	18	19	780	9.36	950	3.24	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
126	Ficus microcarpa	18	18	820	9.84	970	3.27	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
127	Ficus microcarpa	18	17	800	9.6	920	3.20	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
128	Ficus microcarpa	18	19	1320	15	1500	3.92	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Evidence of decay	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
129	Ficus microcarpa	18	17	820	9.84	900	3.17	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
130	Ficus microcarpa	18	20	1300	15	1450	3.87	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
131	Ficus microcarpa	18	22	1340	15	1500	3.92	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
132	Citrus spp.	5	2	120	2	120	1.36	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Low	Low	
133	Citrus spp.	4.5	2	120	2	130	1.40	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Low	Low	
134	Sapium sebiferum	10	7	300	3.6	370	2.18	Mature	Single	Slight NE	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
135	Eucalyptus tereticornis	21	10	600	7.2	700	2.85	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
136	Melaleuca quinquenervia	17	5	420	5.04	500	2.47	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
137	Callistemon viminalis	4	7	260	3.12	300	2.00	Mature	Single	Prominent N	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
138	Callistemon viminalis	4	6	230	2.76	300	2.00	Mature	Single	Prominent N	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
139	Banksia integrifolia	9	5	300	3.6	350	2.13	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
140	Ulmus parvifolia	12	14	400	4.8	440	2.34	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
141	Ulmus parvifolia	9	10	300	3.6	330	2.08	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
142	Jacaranda mimosifolia	14	14	640	7.68	750	2.93	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
143	Eucalyptus tereticornis	11	5	140	1.68	200	1.68	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
144	Corymbia maculata	21	12	480	5.76	550	2.57	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
145	Eucalyptus tereticornis	9	4	200	2.4	280	1.94	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
146	Melaleuca stypheloides	10	7	190	2.28	250	1.85	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
147	Casuarina spp	20	9	320	3.84	400	2.25	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
148	Melaleuca stypheloides	7	5	140	1.68	230	1.79	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
149	Corymbia gummifera	17	9	270	3.24	350	2.13	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
150	Melaleuca stypheloides	9	6	190	2.28	230	1.79	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
151	Corymbia gummifera	17	9	240	2.88	360	2.15	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
152	Melaleuca stypheloides	10	190	320	3.84	400	2.25	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
153	Corymbia gummifera	18	7	290	3.48	390	2.23	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
154	Corymbia gummifera	15	7	290	3.48	300	2.00	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Cavity, Evidence of decay	Cavity, Wound	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
155	Eucalyptus saligna	23	12	420	5.04	550	2.57	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
156	Eucalyptus tereticornis	16	5	210	2.52	300	2.00	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
157	Corymbia maculata	22	12	450	5.4	600	2.67	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
158	Acacia longifolia	10	2	120	2	200	1.68	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Poor	Sparse	Normal	25%	<5%	No evidence	No evidence	<5y	Low	Low	
159	Eucalyptus robusta	17	8	330	3.96	350	2.13	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	

Tree no.	Species	Height (m)	Spread(m)	DBH (mm)	TPZ Radius (m)	Dia at base	SRZ Radius (m)	Maturity	Trunk (single, twin, multiple @)	Trunk lean	Form/Crown shape	Branching Habit	Crown Distribution	Stability	Branching Structure	Pruning History	Defects	Damage	Overall Health & Vigour	Canopy Density	Foliage	Deadwood	Epicormic Growth	Pest Infestation	Disease	Life expectancy	Env. & Landcape significance	Retention Value	Notes/Comments
160	Eucalyptus tereticornis	16	4	200	2.4	280	1.94	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
161	Eucalyptus tereticornis	17	5	180	2.16	240	1.82	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
162	Eucalyptus robusta	10	5	190	2.28	250	1.85	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Poor	Sparse	Normal	90%	100%	No evidence	No evidence	<5y	Low	Low	
163	Eucalyptus robusta	10	3	120	2	220	1.75	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Poor	Sparse	Normal	50%	50%	No evidence	No evidence	<5y	Low	Low	
164	Eucalyptus saligna	22	8	320	3.84	450	2.37	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
165	Corymbia maculata	22	14	510	6.12	600	2.67	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
166	Casuarina spp	20	8	350	4.2	400	2.25	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
167	Eucalyptus robusta	22	9	510	6.12	600	2.67	Mature	Twin @ 1500	NIL	Normal	Normal	Balanced	Stable	Bark inclusion	No evidence	Bark inclusion	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
168	Corymbia maculata	24	12	340	4.08	400	2.25	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
169	Dead tree				0		0.00	Dead	Single	NIL																Dead	Low	Low	
170	Melaleuca stypheloides	14	6	200	2.4	300	2.00	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
171	Lophostemon confertus	15	5	250	3	300	2.00	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
172	Syncarpia glomulifera	9	3	200	2.4	250	1.85	Mature	Twin @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	High	High	
173	Eucalyptus robusta	14	8	210	2.52	250	1.85	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
174	Eucalyptus robusta	14	6	230	2.76	280	1.94	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
175	Eucalyptus robusta	6	3	140	2	200	1.68	Semi-mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40y+	Medium	Medium	
176	Eucalyptus microcorys	20	16	600	7.2	780	2.98	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
177	Eucalyptus tereticornis	18	9	250	3	350	2.13	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
178	Casuarina spp	19	8	580	6.96	660	2.78	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
179	Eucalyptus tereticornis	8	6	190	2.28	250	1.85	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Fair	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
180	Eucalyptus tereticornis	8	6	320	3.84	400	2.25	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Fair	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
181	Eucalyptus saligna	29	16	850	10.2	920	3.20	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
182	Melaleuca linarifolia	7	7	420	5.04	450	2.37	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
183	Eucalyptus saligna	17	10	470	5.64	500	2.47	Mature	Multiple (3) @ base	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
184	Eucalyptus saligna	12	8	450	5.4	550	2.57	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
185	Eucalyptus saligna	26	14	880	10.56	950	3.24	Mature	Twin @ 1500	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Evidence of decay	Wound, Damage to cambium	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
186	Melia azedarach	10	6	315	3.78	350	2.13	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
187	Casuarina spp	12	8	510	6.12	540	2.55	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
188	Eucalyptus tereticornis	13	9	360	4.32	420	2.30	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
189	Melia azedarach	8	6	190	2.28	250	1.85	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
190	Casuarina cunninghamiana	15	8	380	4.56	440	2.34	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	Medium	Medium	
191	Eucalyptus tereticornis	19	18	1030	12.36	1120	3.47	Mature	Single	NIL	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	15-40y	High	High	
192	Cinnamomum camphora	25	16	1330	15	1450	3.87	Mature	Single	Nil	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	21-40 years	Medium	Medium	
193	Corymbia maculata	20	8	400	4.8	500	2.47	Mature	Single	Slight N	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	21-40 years	Medium	Medium	
194	Corymbia maculata	17	5	200	2.4	250	1.85	Semi Mature	Single	Nil	Normal	Normal	Balanced	Stable	Stable	No evidence	Nil	Nil	Good	Normal	Normal	<5%	<5%	No evidence	No evidence	40+ years	Medium	High	

Appendix D - Tree Location Plan



Legend

- Tree viable to be retained
- Tree not viable to be retained
- Dead tree to be removed
- Tree Protection Zone (TPZ) in accordance with AS4970-2009

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Project: Concord High School
Client: Schools Infrastructure
DWG: A01 REV C
Plan: Tree Location Plan
Date: 20 June 2023 Scale : 1:750 @ A3