

27 November 2025



## DEPARTMENT OF PLANNING, HOUSING AND INFRASTRUCTURE

4 Parramatta Square, Parramatta NSW 2124

**RE: SUPPLEMENTARY ARBORICULTURAL REPORT – SSSA MODIFICATION  
195-213 FITZGERALD AVENUE & 40-64 YORKTOWN PARADE, MAROUBRA, NSW, 2035**

### 1.0 Introduction

Arterra prepared the Arboricultural Impact Assessment (AIA) dated 18 October 2024 that was submitted to the Consent Authority in support of SSSA-71454960, which was approved by the Minister on 14 July 2025.

The purpose of this supplementary report is to provide further commentary and update the proposed tree retention and removals regarding modifications made to the site plan and buildings to account for the positioning and access requirement for the electrical kiosk along the frontage of Fitzgerald Ave and document the minor modifications that have been made to allow for a required service easement. The modification seeks one change to the trees being retained and removed, being one of the street trees along Fitzgerald Ave, being a *Banksia serrata* (Old Man Banksia) identified as T42.

SSSA-71454960 was approved by the Minister on 14 July 2025 with the following approval conditions which state:

***B13. Tree Removal and Retention.***

*No tree removal shall occur prior to the commencement of any demolition or construction works.*

*Tree removal and retention shall be in accordance with the following:*

- a) all tree removal works must be carried out by a qualified Arborist, with a minimum AQF Level 3 and in accordance with SafeWork's Code of Practice;*
- b) existing trees identified for retention, must be retained and protected throughout construction and development; and*
- c) only the trees identified for removal in the Arboricultural Impact Assessment Report, AIA-01, revision A, dated 18 October 2024, prepared by Arterra are to be removed from the site.*

The following plans and documents were reviewed as part of this updated tree assessment.

Hayball: SSSA Mod Drawing Set - dated 21/11/25

- Ground Floor Plan, (AR.DA-1003, Rev. A)

### 2.0 Observations, Discussion & Findings

Arterra provides the following observations and comments relating to the above:

1. T42 is a mature *Banksia serrata* (Old Man Banksia). This tree was proposed to be retained and protected in the original submission, with some root and canopy impacts. We note this tree is located outside the development site and is growing on the Council managed roadside verge directly adjacent the redevelopment site.
2. T42 was given a Moderate retention value due to it being a Council street tree and also an endemic species. However, we note that the tree has suffered a past and substantial limb tear-out, resulting in a relatively poor habit and form and some major trunk wounding. It has a relatively low branching habit and spreading canopy with a current overall tree height of only 8m.
3. In the original submission a proposed electrical substation was proposed to be located within the verge just outside the boundary. T42 was noted as having a 10% root incursion due to the excavations for the electrical kiosk. It was also noted that T42 required some canopy pruning for the kiosk and basement driveway ramp access. Despite the canopy pruning of T42 the decision to retain the tree was previously thought to be possible and preferable to its removal.
4. Negotiations with Ausgrid have resulted in the electrical kiosk being relocated to inside the site boundary, but in a similar overall position. This has moderately reduced the root impacts to T42 but has

not removed the need for pruning of the tree. Further discussions with Ausgrid and the electrical consultants regarding access requirements and overhead clearances for the kiosk have determined that T42 will necessitate even more pruning of the canopy than previously anticipated. Advice provided to Arterra has noted that all foliage overhanging the driveway must be pruned and all foliage on the side facing the electrical kiosk within 3m of the site boundary must also be pruned. Arterra have re-assessed the tree and the extent of the required canopy pruning and consider the level of pruning to achieve the satisfactory and permanent clearances to have an unacceptable impact on the tree.

5. Had the Ausgrid overhead access and clearance requirements been fully understood during the original SSDA assessment, Tree 42 would likely have required removal under the previously approved kiosk location as well.
6. Considering the existing major trunk wounding, the sizes of branches to be removed, the overall level of foliage pruning and potential impacts from the driveway construction itself and the trenching for the feed in of electrical conduits to the electrical kiosk, it is now considered preferable to remove tree T42.
7. It is noted that the relocation of the electrical kiosk reduces or removes the previous impacts to T43 and T44 to be retained and this is a preferable outcome and is highly supported.
8. The relocation of the building in the northeastern corner of the site has not altered any of the tree impacts discussed in the AIA lodged with the original SSDA. Arterra have reviewed the information and confirm that we have no objections to the proposed changes from a tree protection perspective.
9. Arterra have already accounted for, and had approval granted, to disturb and potentially impact the tree roots on the building side of T136 and T137 due to this work. The level of disturbance was already anticipated to be very near to the property boundary to allow for the trenching for the pipe and other general building and grading works. Provided that there are no excavations for the pipework and building occurring beyond the site boundary, the trees should remain adequately protected and will be impacted only to the extent that is already anticipated and accounted for. (We continue to note that there are some limited excavations occurring just outside the boundary where it connects into the existing stormwater system near T139, and again that has already been accounted for).
10. The key for the tree protection in this area is to ensure that the Contractors undertake the pipe excavations in such a way that the trench width is as limited as possible and that there is no temporary battering back towards the trees outside the site. We assume that suitable temporary shoring will be applied just inside the site boundary, so the verge and trees within the verge to the north of the site remain adequately protected. Any roots encountered at this excavation line are simply to be cleanly cut.



Figure 1 –The Ground Floor plan showing Ausgrid electrical kiosk now within site boundary (arrowed top left) and the building relocated south of the original position in the north eastern corner (arrowed top right). (Source: Hayball November 2025)



Figure 2 –Photo of T42. (Photo: Arterra - 6 November 2025)

### 3.0 Tree Management Conclusions & Recommendations

1. Arterra supports the removal of T42 due to the unacceptable impacts from the necessary and ongoing pruning required for access and clearance to the proposed electrical kiosk.
2. Arterra recommend that the consent authority endorse the removal of T42 to facilitate the works. The current consent conditions be modified to acknowledge removal of T42 from the retained trees.
3. That a new additional condition is added starting: *“The removal of tree T42 is to be compensated via a suitably positioned new tree to conform to AS2303—Tree stock for landscape use” and be located elsewhere on the verge fronting the site to the satisfaction of Council. The species should be a suitable locally endemic species.*
4. The relocation of the building to accommodate a required stormwater easement in the northeast corner of the site is noted by Arterra and has been reviewed. There are no new impacts to consider and there are no changes to the tree impacts for nearby trees as discussed in the original SSDA submission. No further action is required and the accompanying Tree Protection and Removal drawing now reflects current proposed arrangements. Suitable temporary shoring is to be applied at the site boundary, so the verge and trees to the north of the site remains undisturbed. Any roots encountered at this excavation line are simply to be cleanly cut.

This document should be read in conjunction with the accompanying plan T-02 “Tree Protection and Removal Plan”. This document has been updated to reflect the latest architectural layouts and identifies the proposed removal of T42 due to unacceptable pruning impacts due to the Ausgrid electrical kiosk access and clearance requirements.

This document has been prepared by Arterra, using the expertise of our in-house consulting arborist (AQF Level 5), Robert Smart. Robert Smart is a member of the International Society of Arboriculture (ISA), an accredited member of the Institute of Australian Consulting Arboriculturists (IACA), a Registered Consulting Arborist with Arboriculture Australia (AA) and a licenced Quantified Tree Risk Assessment (QTRA) practitioner. Robert Smart has over 25 years’ experience in assessing and managing trees in complex development sites. Robert is also a Registered Landscape Architect with over 30 years’ experience. If you have any questions regarding this report please do not hesitate to contact the undersigned.

Sincerely

**Robert Smart AAILA, ISA, AA, IACA**

Director / Registered Landscape Architect (054)/ Registered Consulting Arborist (1804)

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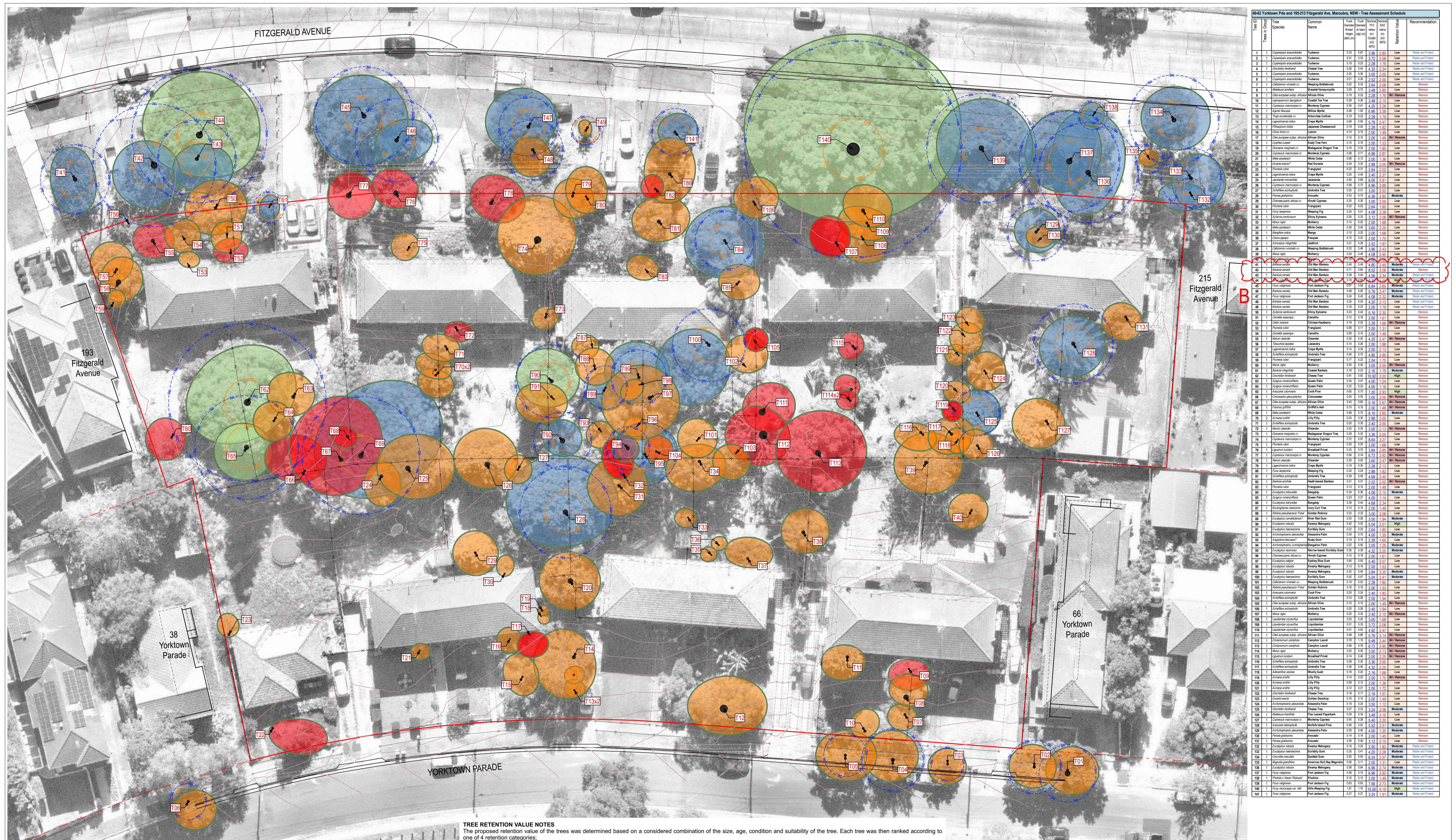
40-62 Yorktown Pde and 195-213 Fitzgerald Ave, Maroubra, NSW - Tree Assessment Schedule

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	ULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
1	1	<i>Cupaniopsis anacardioides</i>	Tuckeroo	7.0	6.0	0.33	0.67	3.96	2.80	Mature	Good	Average	Native	Co-dominant Stems, Inclusions, Branch Tearouts	Medium (15-40 years)	Low	Street tree Yorktown Pde. Canopy pruned for overhead powerline clearance.	Nil impacts expected	Retain and Protect
2	1	<i>Cupaniopsis anacardioides</i>	Tuckeroo	6.0	6.0	0.31	0.33	3.72	2.08	Mature	Good	Average	Native	Inclusions, Co-dominant Stems	Medium (15-40 years)	Low	Street tree Yorktown Pde. Canopy pruned for overhead powerline clearance.	Stormwater services are to be installed non-destructively using either hand digging, compressed air (air spade), water vacuum extraction or underbore techniques. Non-destructive works are to be undertaken with Project Arborist present.	Retain and Protect
3	1	<i>Cupaniopsis anacardioides</i>	Tuckeroo	5.0	4.0	0.19	0.23	2.28	1.79	Mature	Good	Average	Native	Co-dominant Stems, Epicormic Growth	Medium (15-40 years)	Low	Street tree Yorktown Pde. Canopy pruned for overhead powerline clearance.	Nil impacts expected	Retain and Protect
4	1	<i>Glochidion ferdinandi</i>	Cheese Tree	7.0	6.0	0.36	0.44	4.32	2.34	Mature	Fair	Average	Endemic	Co-dominant Stems	Long (>40 years)	Low	Street tree Yorktown Pde. Canopy pruned for overhead powerline clearance.	Minor incursion of 10% expected to the northern side of this tree for general building and landscape works.	Retain and Protect
5	1	<i>Cupaniopsis anacardioides</i>	Tuckeroo	6.5	6.0	0.25	0.30	3.00	2.00	Mature	Good	Average	Native		Medium (15-40 years)	Low	Street tree Yorktown Pde. Canopy pruned for overhead powerline clearance.	Nil impacts expected	Retain and Protect
6	1	<i>Cupaniopsis anacardioides</i>	Tuckeroo	5.0	5.0	0.21	0.30	2.52	2.00	Mature	Good	Average	Native	Branch Tearouts, Major Wounding	Medium (15-40 years)	Low	Street tree Yorktown Pde. Canopy pruned for overhead powerline clearance. Branch tearouts and wounding from vehicles on southern side.	Nil impacts expected	Retain and Protect
7	1	<i>Callistemon viminalis cv.</i>	Weeping Bottlebrush	6.0	4.0	0.22	0.33	2.64	2.08	Mature	Fair	Average	Native	Co-dominant Stems, Epicormic Growth, Lean-Minor	Medium (15-40 years)	Low	Minor lean to south.	Within the proposed building works.	Remove
8	1	<i>Melaleuca amillaris</i>	Bracelet Honey-myrtle	6.0	5.0	0.29	0.70	3.48	2.85	Over-mature	Poor	Poor	Endemic	Lean-Major, Deadwood-Minor, Branch Tearouts, Co-dominant Stems, Decay-Minor	Remove (<5 years)	Low	Major lean to north.	Within the proposed building works.	Remove
9	1	<i>Olea europaea subsp. africana</i>	African Olive	7.0	6.0	0.19	0.23	2.28	1.79	Mature	Good	Average	Invasive		Remove (<5 years)	Nil / Remove		Within the proposed building works.	Remove
10	1	<i>Leptospermum laevigatum</i>	Coastal Tea Tree	6.0	4.0	0.29	0.36	3.48	2.15	Mature	Fair	Poor	Endemic	Branch Tearouts, Deadwood-Minor, Tip Dieback, Lean-Minor	Short (5-15 years)	Low		Within the proposed building works.	Remove
11	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	9.0	5.0	0.35	0.41	4.20	2.28	Mature	Good	Average	Exotic		Long (>40 years)	Low	Growing close to existing building.	Within the proposed building works.	Remove
12	1	<i>Algonis flexuosa</i>	Willow Myrtle	7.5	7.0	0.58	1.05	6.96	3.38	Mature	Fair	Average	Native	Co-dominant Stems, Decay-Minor, Deadwood-Minor, Branch Tearouts, Epicormic Growth	Medium (15-40 years)	Low	Multistemmed at base.	Within the proposed building works.	Remove
13	2	<i>Thuja occidentalis cv</i>	Arborvitae Cultivar	6.0	2.0	0.19	0.23	2.28	1.79	Mature	Fair	Poor	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
14	1	<i>Lagerstroemia indica</i>	Crepe Myrtle	8.0	7.0	0.48	0.50	5.76	2.47	Mature	Good	Average	Exotic	Deadwood-Minor, Decay-Minor, Inclusions	Long (>40 years)	Low		Within the proposed building works.	Remove
15	1	<i>Pittosporum tobira</i>	Japanese Cheesewood	7.0	6.0	0.19	0.24	2.28	1.82	Mature	Fair	Average	Exotic	Deadwood-Minor	Medium (15-40 years)	Low		Within the proposed building works.	Remove
16	1	<i>Citrus limon cv.</i>	Lemon	6.0	4.0	0.10	0.15	2.00	1.49	Over-mature	Poor	Poor	Exotic		Short (5-15 years)	Low		Within the proposed building works.	Remove
17	1	<i>Olea europaea subsp. africana</i>	African Olive	7.5	4.0	0.15	0.15	2.00	1.49	Mature	Fair	Poor	Invasive	Co-dominant Stems, Epicormic Growth, Branch Tearouts, Deadwood-Minor	Medium (15-40 years)	Nil / Remove		Within the proposed building works.	Remove
18	1	<i>Cyathea cooperi</i>	Scaly Tree Fern	6.0	2.0	0.10	0.16	2.00	1.53	Mature	Good	Average	Native		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
19	1	<i>Dracaena marginata cv.</i>	Madagascar Dragon Tree	7.0	2.0	0.16	0.25	2.00	1.85	Mature	Fair	Poor	Exotic	Decay-Minor	Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
20	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	12.0	6.5	0.58	0.71	6.96	2.87	Mature	Good	Average	Exotic		Long (>40 years)	Low		Within the proposed building works.	Remove
21	1	<i>Melia azedarach</i>	White Cedar	7.0	4.0	0.08	0.12	2.00	1.36	Mature	Poor	Average	Native	Branch Tearouts	Medium (15-40 years)	Low		Within the proposed building works.	Remove
22	1	<i>Duranta erecta?</i>	Red Duranta	6.0	4.0	0.24	0.32	2.88	2.05	Senescent	Moribund	Poor	Exotic	Very Asymmetric Form, Tip Dieback, Lean-Major, Decay-Minor, Deadwood-Minor	Remove (<5 years)	Nil / Remove	Moribund. Very asymmetric to	Within the proposed building works.	Remove
23	1	<i>Plumeria rubra</i>	Frangipani	6.0	3.0	0.22	0.31	2.64	2.02	Mature	Good	Average	Exotic	Very Asymmetric Form, Lean-Minor	Replaceable (Small/Young)	Low	Lean to north.	Within the proposed building works.	Remove
24	1	<i>Lagerstroemia indica</i>	Crepe Myrtle	6.0	4.0	0.20	0.45	2.40	2.37	Mature	Fair	Average	Exotic	Tip Dieback	Long (>40 years)	Low	Growing under Melia canopy.	Within the proposed building works.	Remove
25	1	<i>Jacaranda mimosifolia</i>	Jacaranda	13.0	6.0	0.50	0.68	6.00	2.81	Mature	Fair	Average	Exotic	Epicormic Growth	Medium (15-40 years)	Low		Within the proposed building works.	Remove
26	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	9.0	6.0	0.58	0.72	6.96	2.88	Mature	Good	Average	Exotic	Deadwood-Minor	Long (>40 years)	Low		Within the proposed building works.	Remove
27	1	<i>Schefflera actinophylla</i>	Umbrella Tree	7.0	4.0	0.25	0.31	3.00	2.02	Mature	Fair	Average	Exotic		Medium (15-40 years)	Low		Within the proposed building works.	Remove
28	1	<i>Persea gratissima</i>	Avocado	10.0	8.0	0.53	0.70	6.36	2.85	Mature	Good	Average	Exotic	Deadwood-Minor	Long (>40 years)	Moderate	Surface roots evident at base of tree. Large and reasonably prominent tree in good condition.	Within the proposed building works.	Remove
29	1	<i>Chamaecyparis obtusa cv.</i>	Hinoki Cypress	8.0	4.0	0.25	0.30	3.00	2.00	Mature	Good	Average	Exotic		Medium (15-40 years)	Low		Within the proposed building works.	Remove
30	1	<i>Plumeria rubra</i>	Frangipani	6.0	4.0	0.22	0.25	2.64	1.85	Mature	Fair	Poor	Exotic	Lean-Minor, Decay-Minor	Replaceable (Small/Young)	Low	Lean to the north.	Within the proposed building works.	Remove
31	1	<i>Ficus benjamina</i>	Weeping Fig	12.0	7.0	0.34	0.41	4.08	2.28	Mature	Good	Average	Native	Tip Dieback, Deadwood-Minor	Long (>40 years)	Low	Growing in a confined and slightly raised garden bed.	Within the proposed building works.	Remove
32	1	<i>Xylosma senticosum</i>	Shiny Xylosma	8.0	6.0	0.26	0.33	3.12	2.08	Mature	Fair	Poor	Exotic	Lean-Major, Decay-Major, Branch Tearouts, Epicormic Growth, Major Wounding, Very Asymmetric Form, Tip Dieback	Remove (<5 years)	Nil / Remove	Major lean to the north. Major wounding to the base of the trunk.	Within the proposed building works.	Remove
33	1	<i>Morus nigra</i>	Mulberry	6.0	3.0	0.15	0.20	2.00	1.68	Mature	Fair	Average	Exotic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
34	1	<i>Melia azedarach</i>	White Cedar	10.0	6.0	0.30	0.40	3.60	2.25	Mature	Good	Average	Native	Decay-Minor, Deadwood-Minor, Branch Tearouts, Epicormic Growth	Medium (15-40 years)	Low	Pruning wounds to southern stem.	Within the proposed building works.	Remove
35	1	<i>Mangifera indica</i>	Mango	6.0	3.0	0.10	0.20	2.00	1.68	Mature	Fair	Average	Exotic	Co-dominant Stems	Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
36	1	<i>Carica papaya</i>	Pawpaw	7.0	6.0	0.12	0.22	2.00	1.75	Mature	Fair	Average	Exotic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
37	1	<i>Artocarpus integrifolia</i>	Jackfruit	8.0	5.0	0.21	0.29	2.52	1.97	Mature	Fair	Average	Exotic	Tip Dieback	Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
38	1	<i>Callistemon viminalis cv.</i>	Weeping Bottlebrush	7.0	4.0	0.33	0.48	3.96	2.43	Mature	Fair	Average	Native	Tip Dieback, Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
39	1	<i>Morus nigra</i>	Mulberry	9.0	6.0	0.34	0.49	4.08	2.45	Mature	Fair	Average	Exotic	Deadwood-Minor, Decay-Minor	Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
40	1	<i>Mangifera indica</i>	Mango	6.0	4.0	0.30	0.30	3.60	2.00	Mature	Good	Average	Exotic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
41	1	<i>Banksia serrata</i>	Old Man Banksia	6.0	6.0	0.40	0.49	4.80	2.45	Mature	Good	Average	Endemic		Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Pruned for overhead powerlines.	Minor surface impacts expected for installation of new driveway to access basement. Driveway to be installed at or above existing levels with no boxing out or excavation below existing levels when within the TPZ. Electrical services are to be installed outside TPZ to the east of this tree within the extent of the proposed driveway.	Retain and Protect

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	ULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
42	1	<i>Banksia serrata</i>	Old Man Banksia	8.0	6.0	0.71	0.84	8.52	3.08	Mature	Good	Average	Endemic	Branch Tearouts, Major Wounding	Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Major branch tearout to north. Asymmetric canopy to west.	Significant impacts from pruning for substation access and driveway access, services trenching. Tree to be removed.	Remove
43	1	<i>Banksia serrata</i>	Old Man Banksia	6.0	6.0	0.38	0.44	4.56	2.34	Mature	Good	Average	Endemic		Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Asymmetric canopy to south. Canopy growth inhibited on northern side from Ficus. Ficus roots growing under tree.	Nil impacts expected	Retain and Protect
44	1	<i>Ficus rubiginosa</i>	Port Jackson Fig	8.0	10.0	0.78	0.85	9.36	3.09	Mature	Excellent	Excellent	Native		Long (>40 years)	High	Street tree Fitzgerald Ave. Surface roots visible around base of tree.	Nil impacts expected	Retain and Protect
45	1	<i>Ficus rubiginosa</i>	Port Jackson Fig	9.0	7.0	0.57	0.59	6.84	2.65	Mature	Good	Average	Native	Tip Dieback	Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Canopy pruned for powerline clearance to north and west. Surface roots visible at base of tree.	Nil impacts expected	Retain and Protect
46	1	<i>Banksia serrata</i>	Old Man Banksia	6.0	5.0	0.48	0.50	5.76	2.47	Mature	Good	Average	Endemic		Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Ficus roots visible at base of tree. Canopy pruned on the southern side for powerline clearance.	Minor surface impacts are expected for the removal of the existing driveway pavements that pass through the designated TPA. Driveways are to be sensitively removed with Project Consulting Arborist present.	Retain and Protect
47	1	<i>Ficus rubiginosa</i>	Port Jackson Fig	6.0	6.0	0.34	0.43	4.08	2.32	Mature	Good	Average	Native	Pest/Disease	Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Surface roots visible at base of tree. Pest (Fig Psyllid) evident on leaves.	Nil impacts expected	Retain and Protect
48	1	<i>Banksia serrata</i>	Old Man Banksia	6.0	4.0	0.35	0.35	4.20	2.13	Mature	Fair	Poor	Endemic	Very Asymmetric Form	Long (>40 years)	Low	Street tree Fitzgerald Ave. Asymmetric canopy to the west.	Nil impacts expected	Retain and Protect
49	1	<i>Banksia serrata</i>	Old Man Banksia	4.0	2.0	0.16	0.23	2.00	1.79	Mature	Good	Average	Endemic	Epicormic Growth	Replaceable (Small/Young)	Low	Small street tree Fitzgerald Ave.	Nil impacts expected	Retain and Protect
50	1	<i>Xylosma senticosum</i>	Shiny Xylosma	8.0	8.0	0.43	0.42	5.16	2.30	Mature	Good	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
51	1	<i>Camellia sasanqua</i>	Camellia	6.0	4.0	0.12	0.18	2.00	1.61	Mature	Good	Average	Exotic		Long (>40 years)	Low		Within the proposed building works.	Remove
52	1	<i>Celtis sinensis</i>	Chinese Hackberry	8.0	6.0	0.19	0.20	2.28	1.68	Semi-mature	Fair	Average	Invasive	Co-dominant Stems, Inclusions	Remove (<5 years)	Nil / Remove		Within the proposed building works.	Remove
53	1	<i>Plumeria rubra</i>	Frangipani	6.0	6.0	0.09	0.11	2.00	1.31	Mature	Fair	Average	Exotic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
54	1	<i>Camellia sasanqua</i>	Camellia	4.0	4.0	0.09	0.15	2.00	1.49	Mature	Fair	Average	Exotic		Long (>40 years)	Low		Within the proposed building works.	Remove
55	1	<i>Nerium oleander</i>	Oleander	6.0	6.0	0.35	0.50	4.20	2.47	Mature	Fair	Average	Exotic	Co-dominant Stems	Replaceable (Small/Young)	Nil / Remove	Multitrunked from base.	Within the proposed building works.	Remove
56	1	<i>Tibouchina lepidota</i>	Lasiandra	6.0	5.0	0.14	0.26	2.00	1.88	Mature	Fair	Average	Exotic		Medium (15-40 years)	Low		Within the proposed building works.	Remove
57	1	<i>Lagerstroemia indica</i>	Crepe Myrtle	6.0	6.0	0.15	0.35	2.00	2.13	Mature	Fair	Average	Exotic	Very Asymmetric Form	Long (>40 years)	Low	Asymmetric to north.	Within the proposed building works.	Remove
58	1	<i>Schefflera actinophylla</i>	Umbrella Tree	8.5	6.0	0.40	0.70	4.80	2.85	Mature	Good	Average	Exotic	Root Impacts	Medium (15-40 years)	Low	Major root system.	Within the proposed building works.	Remove
59	1	<i>Plumeria rubra</i>	Frangipani	8.0	6.0	0.17	0.22	2.04	1.75	Mature	Fair	Poor	Exotic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
60	1	<i>Morus nigra</i>	Mulberry	8.0	6.0	0.25	0.30	3.00	2.00	Mature	Fair	Average	Exotic		Replaceable (Small/Young)	Nil / Remove		Within the proposed building works.	Remove
61	1	<i>Banksia integrifolia</i>	Coastal Banksia	8.0	6.0	0.18	0.23	2.16	1.79	Mature	Good	Average	Endemic		Long (>40 years)	Moderate		Within the proposed building works.	Remove
62	1	<i>Glochidion ferdinandi</i>	Cheese Tree	9.0	12.0	0.91	0.92	10.92	3.20	Mature	Good	Average	Endemic	Co-dominant Stems	Long (>40 years)	High	Large and endemic tree.	Within the proposed building works.	Remove
63	1	<i>Syagrus romanzoffiana</i>	Queen Palm	9.0	6.0	0.34	0.47	4.00	1.24	Mature	Fair	Average	Exotic		Long (>40 years)	Low		Within the proposed building works.	Remove
64	1	<i>Syagrus romanzoffiana</i>	Queen Palm	8.0	6.0	0.22	0.32	4.00	1.16	Mature	Fair	Average	Exotic		Long (>40 years)	Low		Within the proposed building works.	Remove
65	1	<i>Araucaria columnaris</i>	Cook Pine	12.0	6.0	0.60	0.75	7.20	2.93	Mature	Good	Excellent	Exotic		Long (>40 years)	High		Within the proposed building works.	Remove
66	1	<i>Cotoneaster glaucophyllus</i>	Cotoneaster	6.5	7.0	0.25	0.30	3.00	2.00	Mature	Fair	Average	Invasive		Remove (<5 years)	Nil / Remove	Extremely multi-trunked and sprawling shrub.	Within the proposed building works.	Remove
67	1	<i>Olea europaea subsp. africana</i>	African Olive	8.0	6.0	0.43	0.60	5.16	2.67	Mature	Fair	Poor	Invasive	Co-dominant Stems	Remove (<5 years)	Nil / Remove		Within the proposed building works.	Remove
68	1	<i>Fraxinus griffithii</i>	Griffith's Ash	8.0	6.0	0.15	0.15	2.00	1.49	Semi-mature	Fair	Poor	Exotic	Co-dominant Stems	Replaceable (Small/Young)	Nil / Remove		Within the proposed building works.	Remove
69	1	<i>Melia azedarach</i>	White Cedar	8.0	6.0	0.68	0.70	8.16	2.85	Mature	Good	Average	Native	Co-dominant Stems	Medium (15-40 years)	Moderate		Within the proposed building works.	Remove
70	2	<i>Acmena smithii</i>	Lilly Pilly	8.0	3.0	0.24	0.30	2.88	2.00	Mature	Good	Average	Native		Medium (15-40 years)	Low	Closely spaced group of two.	Within the proposed building works.	Remove
71	1	<i>Schefflera actinophylla</i>	Umbrella Tree	7.0	3.0	0.20	0.30	2.40	2.00	Mature	Good	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
72	1	<i>Nerium oleander</i>	Oleander	8.0	6.0	0.25	0.35	3.00	2.13	Mature	Fair	Average	Exotic		Replaceable (Small/Young)	Nil / Remove		Within the proposed building works.	Remove
73	1	<i>Dracaena marginata cv.</i>	Madagascar Dragon Tree	6.5	4.0	0.28	0.32	3.36	2.05	Mature	Good	Average	Exotic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
74	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	9.5	6.0	0.72	0.97	8.64	3.27	Mature	Good	Average	Exotic		Medium (15-40 years)	Low	Excessively large and abnormal basal development.	Within the proposed building works.	Remove
75	1	<i>Plumeria rubra</i>	Frangipani	8.0	6.0	0.25	0.20	3.00	1.68	Mature	Good	Average	Exotic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
76	1	<i>Ligustrum lucidum</i>	Broadleaf Privet	7.0	6.0	0.32	0.70	3.84	2.85	Mature	Good	Average	Weed		Remove (<5 years)	Nil / Remove		Within the proposed building works.	Remove
77	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	8.0	6.0	0.56	0.74	6.72	2.92	Dead	Dead	Average	Exotic	Tip Dieback, Decay-Major, Deadwood-Major	Remove (<5 years)	Nil / Remove	Standing dead tree.	Within the proposed building works.	Remove
78	1	<i>Nerium oleander</i>	Oleander	8.0	6.0	0.30	0.50	3.60	2.47	Mature	Fair	Poor	Exotic		Replaceable (Small/Young)	Nil / Remove	Covered in Tecomania capensis.	Within the proposed building works.	Remove
79	1	<i>Lagerstroemia indica</i>	Crepe Myrtle	8.0	6.0	0.19	0.35	2.28	2.13	Mature	Good	Average	Exotic	Co-dominant Stems	Long (>40 years)	Low		Within the proposed building works.	Remove
80	1	<i>Ficus benjamina</i>	Weeping Fig	8.0	7.0	0.24	0.24	2.88	1.82	Mature	Good	Average	Native		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
81	1	<i>Schefflera actinophylla</i>	Umbrella Tree	8.0	5.0	0.39	0.49	4.68	2.45	Mature	Good	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
82	1	<i>Banksia ericifolia</i>	Heath-leaved Banksia	8.0	6.0	0.21	0.31	2.52	2.02	Over-mature	Poor	Poor	Endemic	Deadwood-Minor, Decay-Minor, Very Asymmetric Form	Replaceable (Small/Young)	Nil / Remove		Within the proposed building works.	Remove
83	1	<i>Plumeria rubra</i>	Frangipani	8.0	5.0	0.13	0.15	2.00	1.49	Mature	Fair	Average	Exotic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
84	1	<i>Eucalyptus botryoides</i>	Bangalay	8.0	6.0	0.34	0.36	4.08	2.15	Mature	Good	Average	Endemic	Branch Tearouts, Epicormic Growth	Long (>40 years)	Moderate		Within the proposed building works.	Remove
85	1	<i>Syagrus romanzoffiana</i>	Queen Palm	8.0	6.0	0.23	0.27	4.00	1.14	Mature	Good	Average	Exotic		Long (>40 years)	Low		Within the proposed building works.	Remove
86	1	<i>Eucalyptus botryoides</i>	Bangalay	9.5	8.0	0.39	0.44	4.68	2.34	Mature	Good	Poor	Endemic	Epicormic Growth	Long (>40 years)	Low	Heavily pruned for overhead powerline clearance. Poorly positioned	Within the proposed building works.	Remove
87	1	<i>Buckinghamia celsissima</i>	Ivory Curl Tree	9.0	3.0	0.13	0.15	2.00	1.49	Mature	Good	Average	Native	Epicormic Growth	Medium (15-40 years)	Low		Within the proposed building works.	Remove
88	1	<i>Robinia pseudacacia 'Frisia'</i>	Golden Robinia	10.0	5.0	0.25	0.33	3.00	2.08	Mature	Fair	Average	Exotic	Co-dominant Stems, Inclusions	Medium (15-40 years)	Low		Within the proposed building works.	Remove
89	1	<i>Eucalyptus camaldulensis?</i>	River Red Gum	12.0	6.0	0.25	0.28	3.00	1.94	Semi-mature	Good	Excellent	Native		Long (>40 years)	Moderate		Within the proposed building works.	Remove
90	1	<i>Eucalyptus robusta</i>	Swamp Mahogany	11.0	7.0	0.42	0.52	5.04	2.51	Mature	Good	Average	Endemic		Long (>40 years)	High		Within the proposed building works.	Remove
91	1	<i>Eucalyptus haemastoma</i>	Scribbly Gum	7.5	6.0	0.22	0.25	2.64	1.85	Mature	Good	Poor	Endemic	Epicormic Growth, Lean-Minor, Very Asymmetric Form	Long (>40 years)	Low	Asymmetric to west. Extensive possum scatch marks on trunk. Epicormic growth at base.	Within the proposed building works.	Remove

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	ULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
92	1	<i>Archontophoenix alexandrae</i>	Alexandra Palm	8.0	6.0	0.30	0.70	4.00	1.35	Mature	Good	Excellent	Exotic		Long (>40 years)	Moderate	Attractive twin trunked specimen. Could be transplanted and re-used on site.	Transplantable.	Remove
93	1	<i>Angophora leiocarpa?</i>	Rusty Gum	9.0	3.0	0.19	0.19	2.28	1.65	Mature	Fair	Suppressed	Native	Poor Taper	Medium (15-40 years)	Low	Very small and narrow foliage. Believed to be non-endemic species of Angophora.	Within the proposed building works.	Remove
94	1	<i>Archontophoenix cunninghamiana</i>	Bangalow Palm	6.0	4.0	0.22	0.50	3.00	1.25	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Twin-trunked specimen. Could be transplanted and re-used on site.	Transplantable.	Remove
95	1	<i>Eucalyptus racemosa</i>	Narrow-leaved Scribbly Gum	14.0	9.0	0.36	0.38	4.32	2.20	Mature	Good	Average	Native		Long (>40 years)	Moderate	Appears to be non-endemic variety based on available fruit identification.	Within the proposed building works.	Remove
96	1	<i>Chamaecyparis obtusa cv.</i>	Hinoki Cypress	8.0	6.0	0.15	0.18	2.00	1.61	Mature	Fair	Average	Exotic		Medium (15-40 years)	Low		Within the proposed building works.	Remove
97	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	12.0	10.0	0.45	0.55	5.40	2.57	Mature	Fair	Poor	Native	Deadwood-Major, Pest/Disease, Major Wounding	Medium (15-40 years)	Low	Extensive borer blaze and dysfunction at 3.0m to main trunk and branch.	Within the proposed building works.	Remove
98	1	<i>Eucalyptus robusta</i>	Swamp Mahogany	8.0	6.0	0.13	0.16	2.00	1.53	Semi-mature	Fair	Poor	Endemic	Very Asymmetric Form, Lean-Minor	Long (>40 years)	Low	Very asymmetric to southwest.	Within the proposed building works.	Remove
99	1	<i>Eucalyptus robusta</i>	Swamp Mahogany	11.0	7.0	0.32	0.40	3.84	2.25	Mature	Good	Average	Endemic		Long (>40 years)	Moderate		Within the proposed building works.	Remove
100	1	<i>Eucalyptus haemastoma</i>	Scribbly Gum	11.0	12.0	0.42	0.47	5.04	2.41	Mature	Good	Poor	Endemic	Lean-Major, Very Asymmetric Form	Long (>40 years)	Moderate	Very close to building. Major lean and asymmetry to south but otherwise good condition.	Within the proposed building works.	Remove
101	1	<i>Callistemon viminalis cv.</i>	Weeping Bottlebrush	8.5	6.0	0.19	0.25	2.28	1.85	Mature	Fair	Average	Native	Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
102	1	<i>Robinia pseudoacacia 'Frisia'</i>	Golden Robinia	9.0	7.0	0.16	0.16	2.00	1.53	Mature	Fair	Average	Exotic	Co-dominant Stems, Inclusions	Medium (15-40 years)	Low		Within the proposed building works.	Remove
103	1	<i>Araucaria columnaris</i>	Cook Pine	9.5	5.0	0.20	0.24	2.40	1.82	Mature	Good	Poor	Exotic	Very Asymmetric Form, Lean-Minor	Long (>40 years)	Low	Generally poor form for the species. Minor lean and asymmetry to south-west.	Within the proposed building works.	Remove
104	1	<i>Schefflera actinophylla</i>	Umbrella Tree	8.0	5.0	0.14	0.28	2.00	1.94	Mature	Fair	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
105	1	<i>Olea europaea subsp. africana</i>	African Olive	6.5	5.0	0.10	0.15	2.00	1.49	Mature	Fair	Average	Invasive		Remove (<5 years)	Nil / Remove		Within the proposed building works.	Remove
106	1	<i>Schefflera actinophylla</i>	Umbrella Tree	7.0	5.0	0.20	0.28	2.40	1.94	Mature	Good	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
107	1	<i>Morus nigra</i>	Mulberry	10.5	6.0	0.20	0.34	2.40	2.10	Mature	Fair	Average	Exotic	Very Asymmetric Form, Co-dominant Stems, Inclusions, Decay-Minor	Replaceable (Small/Young)	Nil / Remove	Asymmetric to west.	Within the proposed building works.	Remove
108	1	<i>Liquidambar styraciflua</i>	Liquidambar	11.5	5.0	0.25	0.20	3.00	1.68	Mature	Fair	Average	Exotic	Very Asymmetric Form, Epicormic Growth	Medium (15-40 years)	Low	Asymmetric to south.	Within the proposed building works.	Remove
109	1	<i>Liquidambar styraciflua</i>	Liquidambar	12.0	4.0	0.31	0.33	3.72	2.08	Mature	Fair	Suppressed	Exotic	Poor Taper, Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
110	1	<i>Liquidambar styraciflua</i>	Liquidambar	12.0	4.0	0.41	0.50	4.92	2.47	Mature	Fair	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
111	1	<i>Olea europaea subsp. africana</i>	African Olive	7.0	9.0	0.48	0.88	5.76	3.14	Mature	Good	Average	Invasive	Co-dominant Stems, Epicormic Growth	Remove (<5 years)	Nil / Remove		Within the proposed building works.	Remove
112	1	<i>Cinnamomum camphora</i>	Camphor Laurel	12.0	8.0	0.79	1.10	9.48	3.44	Dead	Dead	Average	Invasive	Co-dominant Stems	Remove (<5 years)	Nil / Remove	Standing dead tree.	Within the proposed building works.	Remove
113	1	<i>Cinnamomum camphora</i>	Camphor Laurel	12.5	10.0	0.56	0.76	6.72	2.95	Mature	Fair	Average	Invasive	Deadwood-Minor	Remove (<5 years)	Nil / Remove	Lareg Ivy growing within canopy. Invasive species, should be removed.	Within the proposed building works.	Remove
114	2	<i>Morus nigra</i>	Mulberry	7.5	4.0	0.25	0.35	3.00	2.13	Mature	Fair	Poor	Exotic		Replaceable (Small/Young)	Nil / Remove	Group of two. Extremely multi-trunked from base. Limited value, should be removed.	Within the proposed building works.	Remove
115	1	<i>Ligustrum lucidum</i>	Broadleaf Privet	8.0	6.0	0.14	0.40	2.00	2.25	Mature	Fair	Average	Weed		Remove (<5 years)	Nil / Remove	Invasive weed.	Within the proposed building works.	Remove
116	1	<i>Schefflera actinophylla</i>	Umbrella Tree	8.0	6.0	0.28	0.30	3.36	2.00	Mature	Good	Poor	Exotic	Lean-Major, Very Asymmetric Form	Medium (15-40 years)	Low	Very asymmetric to west.	Within the proposed building works.	Remove
117	1	<i>Schefflera actinophylla</i>	Umbrella Tree	9.5	6.0	0.36	0.40	4.32	2.25	Mature	Fair	Average	Exotic		Medium (15-40 years)	Low		Within the proposed building works.	Remove
118	1	<i>Adenanthos sericea</i>	Woolly bush	6.0	4.0	0.18	0.20	2.16	1.68	Mature	Fair	Average	Native	Tip Dieback	Short (5-15 years)	Low		Within the proposed building works.	Remove
119	1	<i>Acmena smithii</i>	Lilly Pilly	3.0	2.0	0.14	0.22	2.00	1.75	Mature	Fair	Poor	Native	Epicormic Growth	Short (5-15 years)	Nil / Remove	Severely pruned and partially failed.	Within the proposed building works.	Remove
120	1	<i>Acmena smithii</i>	Lilly Pilly	8.0	3.0	0.09	0.12	2.00	1.36	Mature	Fair	Average	Native		Medium (15-40 years)	Low		Within the proposed building works.	Remove
121	1	<i>Acmena smithii</i>	Lilly Pilly	8.5	5.0	0.12	0.21	2.00	1.72	Mature	Good	Average	Native	Co-dominant Stems	Medium (15-40 years)	Low		Within the proposed building works.	Remove
122	1	<i>Glochidion ferdinandii</i>	Cheese Tree	7.0	5.0	0.18	0.17	2.16	1.57	Mature	Good	Average	Endemic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
123	1	<i>Duranta erecta</i>	Golden Dewdrop	6.0	5.0	0.16	0.15	2.00	1.49	Mature	Poor	Average	Exotic	Co-dominant Stems	Replaceable (Small/Young)	Low	Large shrub.	Within the proposed building works.	Remove
124	1	<i>Archontophoenix alexandrae</i>	Alexandra Palm	6.0	5.0	0.19	0.24	3.50	1.12	Mature	Good	Average	Exotic		Long (>40 years)	Low	Could be transplanted and re-used on site.	Within the proposed building works.	Remove
125	1	<i>Glochidion ferdinandii</i>	Cheese Tree	7.0	7.0	0.27	0.33	3.24	2.08	Mature	Good	Average	Endemic	Co-dominant Stems	Long (>40 years)	Moderate	Extremely multi-trunked from base but otherwise good tree.	Within the proposed building works.	Remove
126	1	<i>Melaleuca linanifolia</i>	Flax Leaved Paperbark	8.0	5.0	0.29	0.34	3.48	2.10	Mature	Fair	Average	Native		Short (5-15 years)	Low		Within the proposed building works.	Remove
127	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	9.0	7.0	0.45	0.38	5.40	2.20	Mature	Good	Poor	Exotic	Major Wounding	Medium (15-40 years)	Low	Generally poor form and significantly under pruned.	Within the proposed building works.	Remove
128	1	<i>Araucaria heterophylla</i>	Norfolk Island Pine	10.0	9.0	0.46	0.52	5.52	2.51	Mature	Excellent	Excellent	Exotic		Long (>40 years)	Moderate	Early mature specimen with good vigour and form.	Within the proposed building works.	Remove
129	1	<i>Archontophoenix alexandrae</i>	Alexandra Palm	9.0	6.0	0.29	0.40	4.00	1.20	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Could be transplanted and re-used on site.	Transplantable.	Remove
130	1	<i>Persea gratissima</i>	Avocado	6.5	3.0	0.14	0.14	2.00	1.45	Mature	Fair	Average	Exotic		Replaceable (Small/Young)	Low		Within the proposed building works.	Remove
131	1	<i>Persea gratissima</i>	Avocado	9.0	6.0	0.26	0.36	3.12	2.15	Mature	Fair	Average	Exotic		Long (>40 years)	Low		Within the proposed building works.	Remove
132	1	<i>Eucalyptus robusta</i>	Swamp Mahogany	8.5	5.0	0.16	0.24	2.00	1.82	Mature	Good	Excellent	Endemic		Long (>40 years)	Moderate	Street tree Fitzgerald Ave.	Minor surface impacts are expected for the removal of the existing driveway pavements that pass through the designated TPA. Driveways are to be sensitively removed with Project Consulting Arborist present.	Retain and Protect
133	1	<i>Eucalyptus haemastoma</i>	Scribbly Gum	8.0	8.0	0.35	0.41	4.20	2.28	Mature	Good	Average	Endemic	Epicormic Growth	Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Canopy pruned for powerline clearance.	Minor surface impacts are expected for the removal of the existing driveway pavements that pass through the designated TPA. Driveways are to be sensitively removed with Project Consulting Arborist present.	Retain and Protect
134	1	<i>Corymbia maculata</i>	Spotted Gum	12.5	7.0	0.52	0.55	6.24	2.57	Mature	Fair	Average	Native	Co-dominant Stems, Bulges, Inclusions	Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Fused branch at 2.5m. Bulging and indication of potential inclusion weakness at main fork.	Minor surface impacts are expected for the removal of the existing driveway pavements that pass through the designated TPA. Driveways are to be sensitively removed with Project Consulting Arborist present.	Retain and Protect
135	1	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	4.0	2.5	0.06	0.11	2.00	1.31	Mature	Good	Average	Exotic		Replaceable (Small/Young)	Low	Small street tree Fitzgerald Ave.	Nil impacts expected	Retain and Protect
136	1	<i>Eucalyptus robusta</i>	Swamp Mahogany	11.0	10.0	0.58	0.64	6.96	2.74	Mature	Fair	Average	Endemic	Epicormic Growth, Root Impacts	Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Canopy pruned for powerline clearance, valley pruned.	Major incursion of 18% expected to the southern side of the tree to allow for stormwater connection/installation. Project Consulting Arborist to be present to observe all works within the TPA of this tree. Minor surface impacts are expected for the removal of the existing driveway pavements that pass through the designated TPA. Driveways are to be sensitively removed with Project Consulting Arborist present.	Retain and Protect

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	ULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
137	1	<i>Ficus rubiginosa</i>	Port Jackson Fig	9.5	10.0	0.58	0.74	6.96	2.92	Mature	Fair	Average	Native	Pest/Disease, Co-dominant Stems, Inclusions, Decay-Minor	Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Canopy pruned for powerline clearance, valley pruned. Fig Psyllid evident.	Minor incursion of 8% expected to the southern side of the tree to allow for stormwater connection/installation. Project Consulting Arborist to be present to observe all works within the TPA of this tree. Minor surface impacts expected for installation of new driveway to access basement. Driveway to be installed at or above existing levels. Minor surface impacts are expected for the removal of the existing driveway pavements that pass through the designated TPA. Driveways are to be sensitively removed with Project Consulting Arborist present.	Retain and Protect
138	1	<i>Photinia x fraseri 'Robusta'</i>	Photinia	3.0	3.0	0.10	0.15	2.00	1.49	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Street tree Fitzgerald Ave.	Nil impacts expected	Retain and Protect
139	1	<i>Ficus rubiginosa</i>	Port Jackson Fig	8.0	10.0	0.63	0.63	7.56	2.73	Mature	Good	Average	Native	Root Impacts	Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Canopy pruned for powerline clearance to south side. Extensive surface roots evident.	Minor incursion of 8% expected to the southern side of the tree to allow for stormwater connection/installation. Project Consulting Arborist to be present to observe all works within the TPA of this tree. Minor surface impacts are expected for the removal of the existing driveway pavements that pass through the designated TPA. Driveways are to be sensitively removed with Project Consulting Arborist present.	Retain and Protect
140	1	<i>Ficus microcarpa var. hillii</i>	Hills Weeping Fig	18.5	18.0	1.61	1.75	15.00	4.19	Mature	Good	Excellent	Native	Co-dominant Stems, Inclusions, Lean-Minor	Long (>40 years)	High	Very large and prominent Street tree Fitzgerald Ave. Inner canopy pruned for powerline clearance to south side. Extensive surface roots evident.	Building has been appropriately set back to avoid conflicts with existing tree canopy and to minimise root zone incursion. Incursion considered minor (9.4%) for excavation to construct the building. Shore piling is to be utilised for the construction of the building when passing the southern side of this tree to retain the existing soil levels and avoid battering into the Tree Protection Area. Tree protection area to be filled with 300-400mm depth of sandy soil to protect existing above ground buttressing roots. Proposed landscape pathways are to be sensitively installed above the imported sandy soils to avoid conflicts with the existing roots. Project Consulting Arborist to be present to observe all works within the TPA of this tree.	Retain and Protect
141	1	<i>Ficus rubiginosa</i>	Port Jackson Fig	4.5	6.0	0.27	0.27	3.24	1.91	Mature	Good	Average	Native		Long (>40 years)	Moderate	Street tree Fitzgerald Ave. Surface roots evident.	Nil impacts expected	Retain and Protect



ID	Tree No.	Tree Species	Common Name	DBH (cm)	Height (m)	Canopy Area (m²)	Retention Value	Recommendation
1	1	Capripetal anacardium	Lushness	0.33	2.07	3.28	Low	Retain and Protect
2	1	Capripetal anacardium	Lushness	0.31	2.37	2.08	Low	Retain and Protect
3	1	Capripetal anacardium	Lushness	0.31	2.20	2.19	Low	Retain and Protect
4	1	Capripetal anacardium	Lushness	0.30	4.53	2.14	Low	Retain and Protect
5	1	Capripetal anacardium	Lushness	0.29	3.00	2.00	Low	Retain and Protect
6	1	Capripetal anacardium	Lushness	0.27	3.30	2.00	Low	Retain and Protect
7	1	Capripetal anacardium	Lushness	0.27	2.63	2.08	Low	Retain and Protect
8	1	Malvaceae arborea	Broadleaf Honey-myrtle	0.29	0.76	3.48	Low	Remove
9	1	Old World Elm	Almond Olive	0.19	0.20	2.20	Low	Remove
10	1	Capripetal anacardium	Creole Tea Tree	0.29	2.28	2.13	Low	Remove
11	1	Capripetal anacardium	Honey Myrtle	0.30	0.41	4.20	Low	Remove
12	1	Capripetal anacardium	Willow Myrtle	0.29	1.10	3.00	Low	Remove
13	2	Fig	Woolly Cotton	0.19	0.20	3.00	Low	Remove
14	1	Agave americana	Crop Myrtle	0.30	0.38	2.17	Low	Remove
15	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
16	1	Old World Elm	Almond Olive	0.19	0.20	2.14	Low	Remove
17	1	Old World Elm	Almond Olive	0.19	0.20	2.14	Low	Remove
18	1	Capripetal anacardium	Creole Tea Tree	0.29	0.20	2.13	Low	Remove
19	1	Capripetal anacardium	Madagascar Dragon Tree	0.19	0.20	2.13	Low	Remove
20	1	Capripetal anacardium	Honey Myrtle	0.30	0.71	6.90	Low	Remove
21	1	Capripetal anacardium	Willow Myrtle	0.29	0.10	2.14	Low	Remove
22	1	Capripetal anacardium	Red Durian	0.24	0.32	2.05	Low	Remove
23	1	Platanus latifolia	Frangipani	0.22	0.31	2.00	Low	Remove
24	1	Capripetal anacardium	Crop Myrtle	0.30	0.41	2.17	Low	Remove
25	1	Capripetal anacardium	Sacchara	0.30	0.41	2.17	Low	Remove
26	1	Capripetal anacardium	Honey Myrtle	0.30	0.71	6.90	Low	Remove
27	1	Capripetal anacardium	Madagascar Dragon Tree	0.19	0.20	2.13	Low	Remove
28	1	Platanus latifolia	Frangipani	0.22	0.31	2.00	Low	Remove
29	1	Platanus latifolia	Frangipani	0.22	0.31	2.00	Low	Remove
30	1	Platanus latifolia	Frangipani	0.22	0.31	2.00	Low	Remove
31	1	Fig	Woolly Cotton	0.19	0.20	3.00	Low	Remove
32	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
33	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
34	1	Old World Elm	White Cedar	0.30	0.40	2.25	Low	Remove
35	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
36	1	Old World Elm	White Cedar	0.30	0.40	2.25	Low	Remove
37	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
38	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
39	1	Old World Elm	White Cedar	0.30	0.40	2.25	Low	Remove
40	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
41	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
42	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
43	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
44	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
45	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
46	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
47	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
48	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
49	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
50	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
51	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
52	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
53	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
54	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
55	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
56	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
57	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
58	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
59	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
60	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
61	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
62	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
63	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
64	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
65	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
66	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
67	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
68	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
69	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
70	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
71	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
72	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
73	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
74	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
75	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
76	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
77	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
78	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
79	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
80	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
81	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
82	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
83	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
84	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
85	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
86	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
87	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
88	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
89	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
90	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
91	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
92	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
93	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
94	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
95	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
96	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
97	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
98	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
99	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
100	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
101	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
102	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
103	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
104	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
105	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
106	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
107	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
108	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
109	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
110	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
111	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
112	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
113	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
114	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
115	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
116	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
117	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
118	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
119	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
120	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
121	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
122	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
123	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
124	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
125	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
126	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
127	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
128	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
129	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
130	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
131	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
132	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
133	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
134	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
135	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
136	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
137	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
138	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
139	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
140	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove
141	1	Capripetal anacardium	Almond Olive	0.19	0.20	2.14	Low	Remove

**TREE RETENTION VALUE NOTES**  
 The proposed retention value of the trees was determined based on a considered combination of the size, age, condition and suitability of the tree. Each tree was then ranked according to one of 4 retention categories:

- "High" Retention Value** — these are trees that are typically in good or very good condition, large and visually prominent, historically or environmentally important. They should represent a serious physical constraint to development and be retained where possible and feasible.
- "Moderate" Retention Value** — these are trees that are in good to reasonable condition, with no major structural defects and could be retained where possible and feasible to do so.
- "Low" Retention Value** — these are trees that are of poor condition or have structural defects, are particularly small or common place, are not historically, environmentally or socially significant and should not be considered as a constraint to development. They could be retained only if they are not likely to be impacted by or constrain potentially desirable development outcomes.
- "Very Low" Retention Value** — these are trees that are in very poor health, or poor form, or have serious structural defects, are considered weeds or combination of all these, and therefore should be considered for removal regardless of any development.

Consideration has also been given to the relationship of the trees to one another and their proximity to the likely development areas on the site. For example, trees that are part of a closely spaced group, or are likely to be significantly misshapen or unstable with the removal of surrounding trees and structures are considered with these factors in mind.

**Tree Retention Value Legend**

- Extent of canopy as verified by site measure and aerial photos
- Nominal Tree Protection Zone (TPZ)
- Nominal Structural Root Zone (SRZ)
- Tree Identification Number
- High Retention value
- Moderate Retention value
- Low Retention value (Note: no TPZs and SRZs shown for these trees)
- Very Low Retention value (should remove) (Note: no TPZs and SRZs shown for these trees)

**Basement Driveway**

New driveway across verge to be constructed at or above existing levels. Pavement depth to be minimised to limit impacts within the TPA of T41. Tree protection fencing to be maintained in place during construction works and only removed to complete final landscape works. Ausgrid requires location of the electrical kiosk to be within the boundary, with access by large vehicles. Impacts to T42 unacceptable, therefore shown as removed. Electrical service from mains connection to kiosk to now be positioned on the east side of the driveway to prevent impacts to T41. Refer to Arterra modification letter report.

**T140 - Ficus var. hillii (Hills Weeping Fig) - Minor Incursion**

Building has been appropriately set back to avoid conflicts with existing tree canopy and to minimise root zone incursion. Incursion considered minor (9.4%) for excavation to construct the building. Shore piling is to be utilised for the construction of the building when passing the southern side of this tree to retain the existing soil levels and avoid battering into the Tree Protection Area. Tree protection area to be filled with 300-400mm depth of sandy soil to protect existing above ground buttressing roots. Proposed landscape pathways are to be sensitively installed above the imported sandy soils to avoid conflicts with the existing roots. Project Consulting Arborist to be present to observe all works within the TPA of this tree. Existing stormwater line to be retained and utilised under tree.

**T139 and T137 - Minor Incursion & T136 - Major Incursion**

Minor incursion expected to the southern side of T139 and T136 and a major incursion expected to the southern side of T136 to allow for stormwater connection/installation into existing SW pit. Project Consulting Arborist to be present to observe all other works within the TPA of these trees.

Assume no site work or disturbance adjacent trees T138, T134, T135, T133 and T132, other than the demolition of the existing driveway pavements. If services or general access are required temporary fencing may need to be installed.

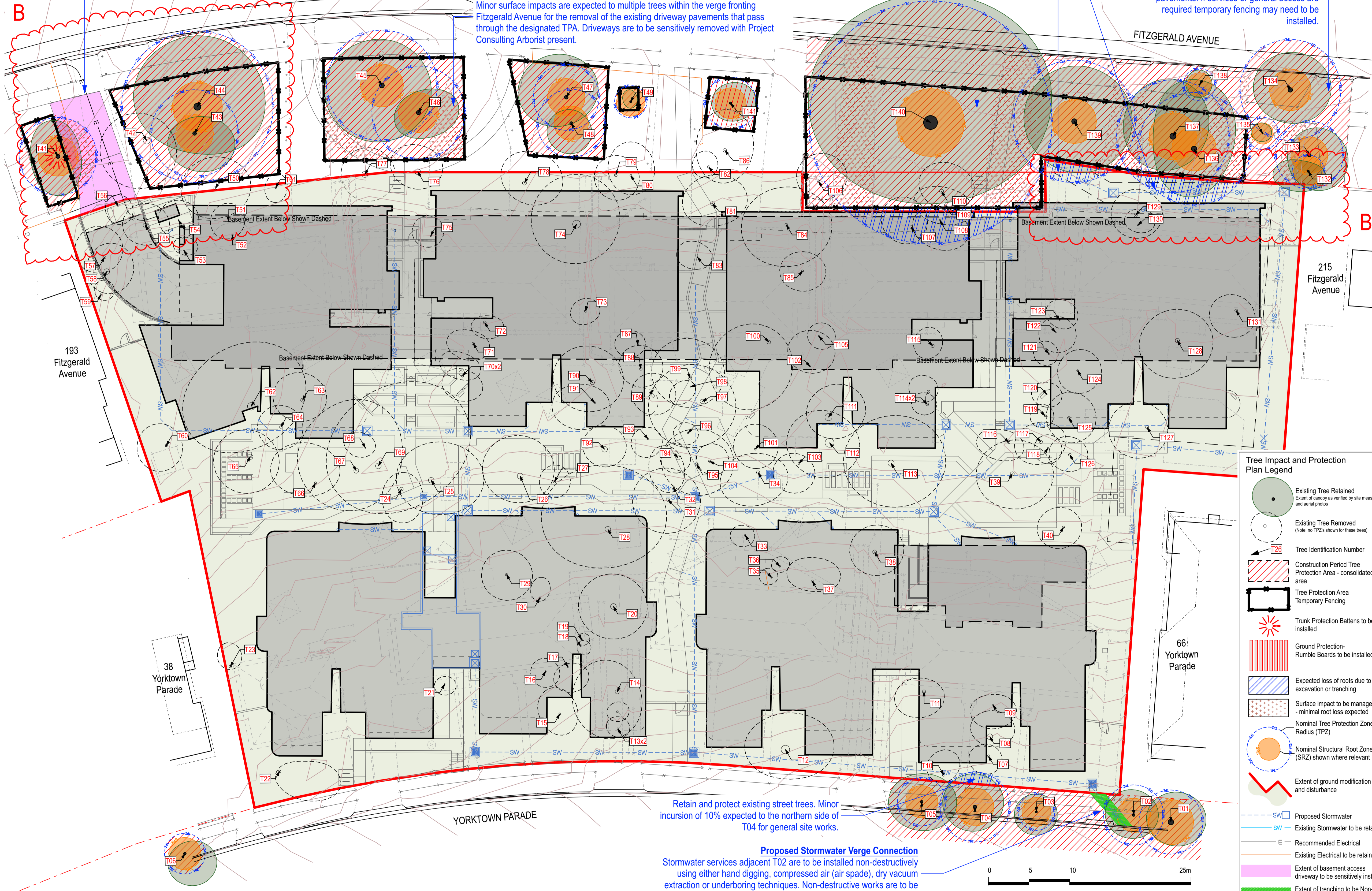
**Minor Surface Impacts to Existing Street Trees**

Minor surface impacts are expected to multiple trees within the verge fronting Fitzgerald Avenue for the removal of the existing driveway pavements that pass through the designated TPA. Driveways are to be sensitively removed with Project Consulting Arborist present.

Retain and protect existing street trees. Minor incursion of 10% expected to the northern side of T04 for general site works.

**Proposed Stormwater Verge Connection**

Stormwater services adjacent T02 are to be installed non-destructively using either hand digging, compressed air (air spade), dry vacuum extraction or underboring techniques. Non-destructive works are to be undertaken with Project Arborist present.



ID	Tree Species	Common Name	DBH (mm)	Height (m)	TPZ (m)	SRZ (m)	Health	Value	Recommendation
1	Casuarina acutirostris	Lushwood	0.31	2.07	3.36	2.08	Low	Minor	Retain
2	Casuarina acutirostris	Lushwood	0.31	2.07	3.36	2.08	Low	Minor	Retain
3	Casuarina acutirostris	Lushwood	0.31	2.07	3.36	2.08	Low	Minor	Retain
4	Casuarina acutirostris	Lushwood	0.31	2.07	3.36	2.08	Low	Minor	Retain
5	Casuarina acutirostris	Lushwood	0.31	2.07	3.36	2.08	Low	Minor	Retain
6	Casuarina acutirostris	Lushwood	0.31	2.07	3.36	2.08	Low	Minor	Retain
7	Casuarina acutirostris	Lushwood	0.31	2.07	3.36	2.08	Low	Minor	Retain
8	Melaleuca arbutifolia	Broadleaf Honey-myrtle	0.32	0.76	3.48	2.08	Low	Minor	Retain
9	Oldenlandia corymbosa	Almond Olive	0.32	2.28	3.17	2.08	Low	Minor	Retain
10	Oldenlandia corymbosa	Almond Olive	0.32	2.28	3.17	2.08	Low	Minor	Retain
11	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
12	Agave americana	Century Plant	0.32	1.52	2.14	2.08	Low	Minor	Retain
13	Agave americana	Century Plant	0.32	1.52	2.14	2.08	Low	Minor	Retain
14	Agave americana	Century Plant	0.32	1.52	2.14	2.08	Low	Minor	Retain
15	Agave americana	Century Plant	0.32	1.52	2.14	2.08	Low	Minor	Retain
16	Oldenlandia corymbosa	Almond Olive	0.32	2.28	3.17	2.08	Low	Minor	Retain
17	Oldenlandia corymbosa	Almond Olive	0.32	2.28	3.17	2.08	Low	Minor	Retain
18	Oldenlandia corymbosa	Almond Olive	0.32	2.28	3.17	2.08	Low	Minor	Retain
19	Oldenlandia corymbosa	Almond Olive	0.32	2.28	3.17	2.08	Low	Minor	Retain
20	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
21	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
22	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
23	Platanus sp.	Platanus	0.32	2.28	3.17	2.08	Low	Minor	Retain
24	Platanus sp.	Platanus	0.32	2.28	3.17	2.08	Low	Minor	Retain
25	Platanus sp.	Platanus	0.32	2.28	3.17	2.08	Low	Minor	Retain
26	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
27	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
28	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
29	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
30	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
31	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
32	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
33	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
34	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
35	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
36	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
37	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
38	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
39	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
40	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
41	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
42	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
43	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
44	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
45	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
46	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
47	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
48	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
49	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
50	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
51	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
52	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
53	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
54	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
55	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
56	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
57	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
58	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
59	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
60	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
61	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
62	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
63	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
64	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
65	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
66	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
67	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
68	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
69	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
70	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
71	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
72	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
73	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
74	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
75	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
76	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
77	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
78	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
79	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
80	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
81	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
82	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
83	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
84	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
85	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
86	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
87	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
88	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
89	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
90	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
91	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
92	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
93	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
94	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
95	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
96	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
97	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
98	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
99	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
100	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
101	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
102	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
103	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
104	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
105	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
106	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
107	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
108	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
109	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
110	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
111	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
112	Casuarina acutirostris	Lushwood	0.32	2.28	3.17	2.08	Low	Minor	Retain
113	Casuarina acutirostris	Lushwood	0.32	2.28					