Ivanhoe Estate Redevelopment

Arboricultural Impact Assessment

Prepared for
Frasers Property Australia

March 2019

DOCUMENT TRACKING

Item	Detail
Project Name	AIA – Ivanhoe Estate Redevelopment
Project Number	17NEW - 7211
Project Manager	Alex Pursche (02) 4910 3413 Suites 28 & 29, Level 7 19 Bolton Street, Newcastle NSW 2300
Prepared by	Elizabeth Hannon AQF 5 - Arboriculture Suite 2, Level 3, 668 Old Princes Hwy Sutherland PO Box 12 Sutherland NSW 1499 02 8536 8612
Reviewed by	Alex Pursche
Approved by	David Bonjer
Status	Final
Version Number	V2
Last saved on	13 March 2019

This report should be cited as 'Eco Logical Australia 2017. *Ivanhoe Estate Redevelopment – Arboricultural Impact Assessment*. Prepared for Frasers Property Australia.'

Template 29/9/2015

Contents

1 Background 1
1.1 Introduction 1
1.2 Purpose 1
1.3 Proposal 1
1.4 Study area 2
1.5 Subject trees 2
1.6 Documents and plans referenced 2
1.7 Document history and changes to this assessment 3

2 Method 7
2.1 Visual tree assessment 7
2.2 Retention Value 7
2.3 Protection zones 8
2.4 Impacts within the TPZ 9
2.5 Mitigation measures 10

3 Results 11

4 Recommendations 73
4.1 Trees requiring detailed assessment 73
4.2 Trees to be retained 73
4.3 Offsetting 73
4.4 Tree work 73

5 Tree management plan 74
5.1 Tree protection measures 74
5.2 Hold points, inspection and certification 74

References 75

Appendix A Tree locations and impacts 76

Appendix B Tree Protection Guidelines 80

Appendix C Tree retention assessment method 82

List of figures

Figure 1 Changes to the tree impact assessment under the new Development Footprint 5

Figure 2 Tree impacts comparing native and exotic species to be removed 6

Figure 3: Indicative TPZ and SRZ 8

Figure 4: Indicative zones of impact within the TPZ 9

List of tables

Table 1 Changes in number of trees removed onsite **3**

Table 2: Mitigation measures **10**

Table 3: Results of the arboricultural assessment **12**

Table 4: Schedule of works **74**

Abbreviations

Abbreviation	Description
AQF	Australian Qualifications Framework
AS	Australian Standards
DBH	Diameter at Breast Height
ELA	Eco Logical Australia
m	Metre
mm	Millimetre
NDE	Non-Destructive Excavation
NO	Number
NSW	New South Wales
SP	Species
SRZ	Structural Root Zone
TPZ	Tree Protection Zone
VTA	Visual Tree Assessment

1 Background

1.1 Introduction

Eco Logical Australia Pty Ltd (ELA) was commissioned by Frasers Property to prepare an arboricultural impact assessment for the redevelopment of the Ivanhoe Estate, Macquarie Park (the Project).

1.2 Purpose

- Identify the trees within the site that are likely to be affected by the proposed works
- Assess the current overall health and condition of the subject trees
- Evaluate the significance of the subject trees and assess their suitability for retention
- Inform the Flora and Fauna Assessment for the extent and condition of removal of any vegetation.

1.3 Proposal

NSW Land and Housing Corporation has entered into arrangements to redevelop the site with the Aspire Consortium comprising development partners Frasers Property Australia and the community housing partner, Mission Australia Housing.

The Masterplan SSD DA will be a concept development application made pursuant to Section 83B of the Environmental Planning and Assessment Act 1979 (EP&A Act) that sets out the concept proposal for the Ivanhoe Estate. Specifically, the DA and will seek consent for:

- Allocation of uses across the site, including:
  - residential flat buildings comprising private, social and affordable housing
  - seniors house comprising residential care facilities and self-contained dwellings
  - a new school
  - child care centres
  - public open space and roads
  - minor retail development and
  - community uses
- Built form design principles and controls, including maximum building heights, and maximum gross floor areas (GFA) across the site, for each development block, and for specific uses
- Vehicular and pedestrian access arrangements
- Tree removal and demolition of existing roadways and
- Regeneration of RE1 zoned land along Shrimptons Creek.

Separate development applications will be lodged for the detailed design and construction of future stages of the development in accordance with the approved Masterplan SSD DA. The Masterplan SSD DA will be accompanied by a concurrent detailed DA for the first stage of development.

The Ivanhoe Estate Masterplan will provide for a mixed-use neighbourhood with buildings arranged to maximise residential amenity outcomes and a diverse open space network designed to create an inclusive community oriented public domain.

Extensive ground disturbance will be required as part of the works, which will result in the removal of a significant portion of vegetation that currently exists within the site.

The demolition of the Ivanhoe Estate is being assessed via an REF under Part 5 of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act). As such there are multiple assessments currently undertaken for the same site. The assessment provided in this document considers the trees present at the time of site inspections and the impacts of the redevelopment.

Trees removed as part of the demolition are identified in later figures and tables, however the site is assessed as a whole as the demolition is considered to be a part of the redevelopment application.

1.4 Study area

The suburb of Macquarie Park is located in the City of Ryde Local Government Area (LGA) in north-west Sydney. The Ivanhoe Estate (referred to in this report as "the development site") is located at the intersection of Epping Road, which forms the southern boundary, and Herring Road along the western boundary.

The Ivanhoe Estate is owned by LAHC and provides social housing for up to 259 residential dwellings. The site is approximately 8.95 ha in size and features double-storey units and a large patch of bushland along Epping Road. Shrimpton Creek is located along the eastern boundary and contains dense woody weeds and an example of remnant forest. Residential development forms the northern boundary. In the local vicinity, high-rise residential developments are in the process of construction and complement the commercial aspects of Macquarie Park, i.e. Macquarie Shopping Centre and Macquarie University.

1.5 Subject trees

The subject trees were inspected on 25th & 27th September, 3rd October, 2nd November 2017 and 23rd – 24th July 2018. Approximately **1206** trees were identified within the study area. Some parts of the site were not accessible to assess. It is presumed that **up to 547** trees will be removed in the demolition works of existing buildings and infrastructure.

Trees which are observed to be dead at the time of inspection have not been surveyed. Dead trees can be used by fauna as habitat and should therefore be inspected by an ecologist prior to removal.

Further information, observations and measurements specific to each of the subject trees can be found in **Chapter 3.**

No dead trees were identified as being used by fauna as habitat in report *Eco Logical Australia October 2017. Ivanhoe Estate Re-development SSD 17_8707 – Biodiversity Assessment Report and Offset Strategy. Prepared for Frasers Property Australia – Rhodes.*

1.6 Documents and plans referenced

The conclusions and recommendations of this report are based on the *Australian Standard, AS 4970-2009, Protection of Trees on Development Sites*, the findings from the site inspections and analysis of the following documents/plans:

- *Eco Logical Australia October 2017. Ivanhoe Estate Demolition, Flora and Fauna Assessment Report. Prepared for NSW Land and Housing Corporation.*
- *Eco Logical Australia November 2017 Ivanhoe Estate Re-development SSD 17_8707, Biodiversity Assessment Report and Offset Strategy*

1.7 Document history and changes to this assessment

This report includes a revised development site which acknowledges community and agency submissions to the Environmental Impact Statement which was exhibited from 24 April to 9 May 2018. In response to the submissions received, the proponent has, where possible, reduced the development footprint to minimise impacts to STIF which occurs in a narrow strip between the existing development and Epping Road.

LAHC have begun demolition works onsite and have sought to retain trees where possible. Contractors operating on behalf of LAHC have retained numerous trees that had originally been identified for removal, by minimising ground disturbance during the demolition of buildings. This has resulted in a reduction in the number of trees removed during demolition, which will also be retained under the new masterplan.

The revised footprint results in a reduction of the impacts to trees, in particular an **additional 119 trees will be retained**, of which 11 are located within the Sydney Turpentine Ironbark Forest along the southern boundary. The changes in the impacts to trees are shown on **Figure 1**, with a breakdown of the native and exotic species removed shown on **Figure 2**, as well as in the table below:

Table 1 Changes in number of trees removed onsite

Impact boundary	Trees removed	Trees retained	Total trees
Masterplan as lodged	975 (858 originally assessed plus 117 trees in polygon A & B); includes 547 removed during demolition.	231	1206 (1,089 plus 117 trees in polygon A & B)
Masterplan as amended	856 (includes up to 547 removed during demolition)	350	1,206
Difference	Gain in 119 trees retained onsite		

ELA notes that there are several changes in the presentation of data within this report. This update has resulted primarily due to the following changes:

- Within the previous AIA, trees of the same species, with similar dimensions growing in close proximity to each other, were documented as a group and presented under a single way point. All trees are now shown as individual points, which has led to an increase in the number of trees reported. ELA notes that the number of trees onsite however has not changed.
- ELA notes that the field data capture for this AIA has been undertaken by multiple Registered Surveyors and Multiple Arborists, with several datasets merged together. This is further compounded by the time since survey, as many of the tree tags have been removed since surveys began in June 2017. As such there are data anomalies within the shapefile, whereby there may be duplications of tree points that may not exist on the ground. ELA has sought to rectify duplications where possible through additional field surveys in July 2018. Where data duplications could not be ruled out, trees have been kept within the dataset with species marked as 'unidentified'. Therefore the number of trees presented within this report is likely an overestimation of the quantum of impacts of the proposal. Adopting the precautionary principle, the impact assessment for unidentified trees has been conducted using the following hierarchy:

  - Trees clearly within the demolition/development footprint have been marked for removal
  - Trees clearly outside the demolition/development footprint have been marked for retention
- Trees that occur on the periphery of the impacted areas have been assigned the maximum TPZ as described in this report.
- It is recommended that trees identified on the periphery of the impact zone be retained, where possible, during demolition/development of the project.

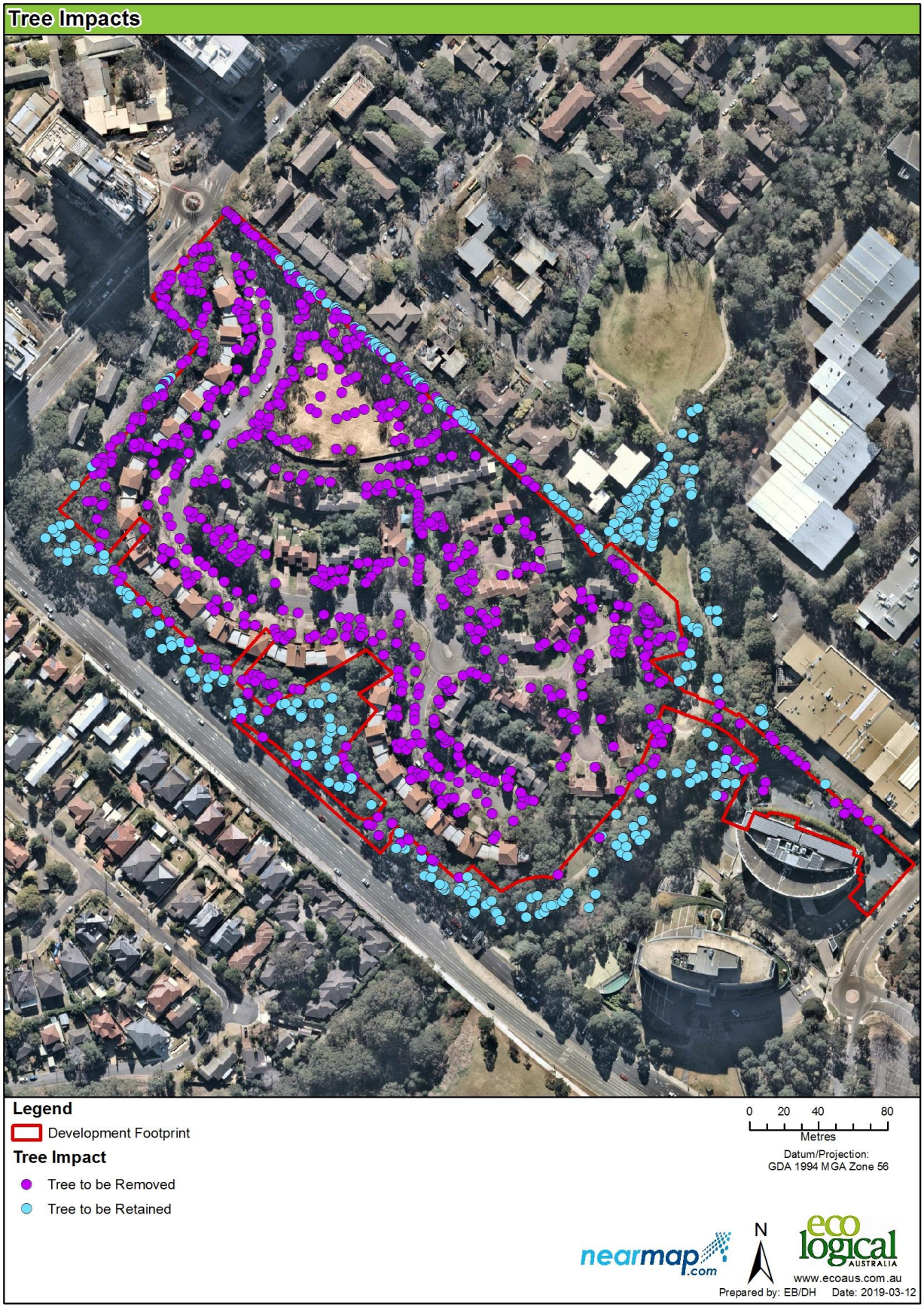


Figure 1 Tree impact under the new Development Footprint

Figure 2 Tree impacts comparing native and exotic species to be removed

2 Method

2.1 Visual tree assessment

The subject trees were assessed in accordance with a stage one visual tree assessment (VTA) as formulated by Mattheck & Breloer (1994)[1], and practices consistent with modern arboriculture.

The following limitations apply to this methodology:

- Trees were inspected from ground level, without the use of any invasive or diagnostic tools and testing.
- Trees within adjacent properties or restricted areas were not subject to a complete visual inspection (i.e. defects and abnormalities may be present but not recorded).
- No aerial inspections or root mapping was undertaken.
- Tree heights, canopy spread and diameter at breast height (DBH) was estimated, unless otherwise stated.
- Tree identification was based on broad taxonomical features present and visible from ground level at the time of inspection.

2.2 Retention Value

The retention value/importance of a tree or group of trees, is determined using a combination of environmental, cultural, physical and social values.

- **Low:** These trees are not considered important for retention, nor require special works or design modification to be implemented for their retention.
- **Medium:** These trees are moderately important for retention. Their removal should only be considered if adversely affected by the proposed works and all other alternatives have been considered and exhausted.
- **High:** These trees are considered important and should be retained and protected. Design modification or re-location of building/s should be considered to accommodate the setbacks as prescribed by *Australian Standard AS4970 Protection of trees on development sites*.

This tree retention assessment has been undertaken in accordance with the *Institute of Australian Consulting Arboriculturists* (IACA) *Significance of a Tree, Assessment Rating System* (STARS). Further details and assessment criteria are in **Appendix C**.

[1] VTA is an internationally recognised practice in the visual assessment of trees as prescribed by Mattheck, C. and Breloer, H. 1994. 'Field Guide for Visual Tree Assessment' *Arboricultural Journal*, Vol 18 pp 1-23.

2.3 Protection zones

- **Tree protection zone (TPZ):** The TPZ is the optimal combination of crown and root area (as defined by AS 4970-2009) that requires protection during the construction process. The TPZ is an area that is isolated from the work zone to insure no disturbance or encroachment occurs into this zone. Tree sensitive construction measures must be implemented if works are to proceed within the Tree Protection Zone.
- **Structural root zone (SRZ):** The SRZ is the area of the root system (as defined by AS 4970-2009) used for stability, mechanical support and anchorage of the tree. It is critical for the support and stability of the tree, and provides the bulk of mechanical support and anchorage. Severance of roots (>50 mmØ) within the SRZ is generally not recommended as it may lead to the destabilisation and/or decline of the tree.
- **Root investigation:** When assessing the potential impacts of encroachment into the TPZ consideration will need to be given to the location and distribution of the roots, including above or below ground restrictions affecting root growth. Location and distribution of roots may be determined through non-destructive excavation (NDE) methods such as hydro-vacuum excavation (sucker truck), air spade and manual excavation. Root investigation is used to determine the extent and location of roots within the zone of conflict. Root investigation does not guarantee the retention of the tree.

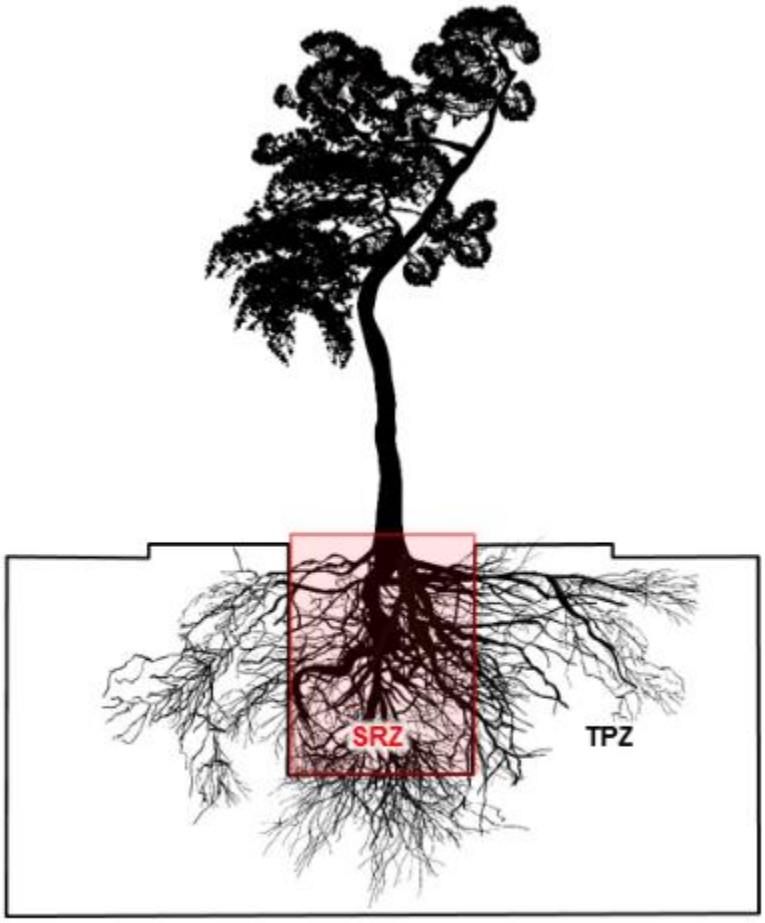


Figure 3: Indicative TPZ and SRZ

2.4 Impacts within the TPZ

- **No impact (0%):** No likely or foreseeable encroachment within the TPZ.
- **Low impact (<10%):** If the proposed encroachment is less than 10% (total area) of the TPZ, and outside of the SRZ, detailed root investigations should not be required. The area lost to this encroachment should be compensated for elsewhere, and be contiguous with the TPZ.
- **Medium impact (<20%):** If the proposed encroachment is greater than 10% of the TPZ and outside of the SRZ, the project arborist must demonstrate that the tree(s) remain viable. The area lost to this encroachment should be compensated for elsewhere, and be contiguous with the TPZ. All work within the TPZ must be carried out under the supervision of the project arborist.
- **High impact (>20%):** If the proposed encroachment is greater than 20% of the TPZ the SRZ may be impacted. Tree sensitive construction techniques may be used for minor works within this area providing no structural roots are likely to be impacted, and the project arborist can demonstrate that the tree(s) remain viable. Root investigation by non-destructive methods is essential for any proposed works within this area.

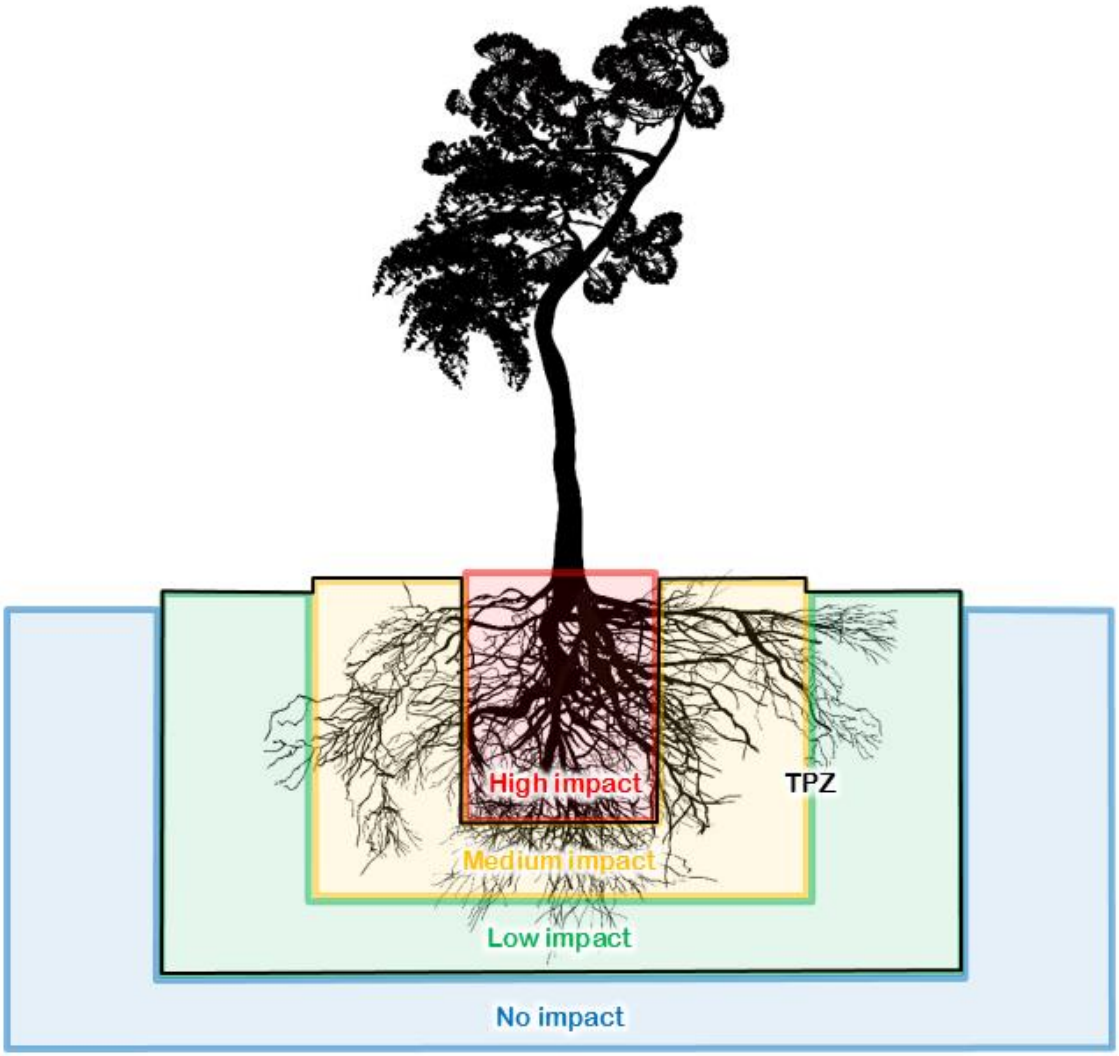


Figure 4: Indicative zones of impact within the TPZ

2.5 Mitigation measures

Encroachment within the TPZ must be offset with a range of mitigation measures to ensure that impacts to the subject tree(s) are reduced or restricted wherever possible. Mitigation must be increased relative to the level of encroachment within the TPZ to ensure the subject tree remains viable. **Table 1** outlines mitigation requirements under AS 4970-2009 within each category of encroachment.

Table 2: Mitigation measures

Impact	Requirements under AS 4970-2009	Mitigation (design phase)	Mitigation (construction phase)
Low impact (<10%)	• The area lost to this encroachment should be compensated for elsewhere, contiguous with the TPZ. • Detailed root investigations should not be required.	• N/A	• The area lost to this encroachment should be compensated for elsewhere, contiguous with the TPZ. • Tree protection must be installed.
Medium impact (<20%)	• The project arborist must demonstrate the tree(s) would remain viable. • Root investigation by non-destructive methods may be required. • Consideration of relevant factors including: Root location and distribution, tree species, condition, site constraints and design factors. • The area lost to this encroachment should be compensated for elsewhere, contiguous with the TPZ.	The following design changes should be considered to retain trees where practicable, considering the retention value of the tree and the complexity and cost of the change. • Relocate services/pathways outside of tree protection zones • Design services to be installed at a minimum depth of 1200mm below ground to avoid impact to the root zones of trees. • Design pathways to be installed on or above grade, minimising/eliminating excavation within tree protection zones. • Design pathways using porous materials (eco-paving, porous asphalt, decomposed granite) to allow water and oxygen to reach the root zone. • Design pathways using tree sensitive techniques (pier and beam, suspended slabs)	• The area lost to this encroachment should be compensated for elsewhere, contiguous with the TPZ. • The project arborist would be consulted for any works within the TPZ. • Tree protection must be installed. • Tree sensitive techniques can be used to install services within the TPZ. Horizontal directional drilling (HDD), boring, non-destructive excavation (NDE). • Location and distribution of roots may be determined through non-destructive excavation (NDE) methods such as hydro-vacuum excavation (sucker truck), air spade and manual excavation.
High impact (>20%)		• Relocate services/pathways outside of tree protection zones • Design services to be installed at a minimum depth of 1200mm below ground to avoid impact to the root zones of trees. • Design pathways to be installed on or above grade, minimising/eliminating excavation within tree protection zones. • Design pathways using porous materials (eco-paving, porous asphalt, decomposed granite) to allow water and oxygen to reach the root zone. • The area lost to encroachment can be compensated for elsewhere, contiguous with the TPZ.	• As above • Removal of existing hard surfaces should be undertaken manually to avoid root damage. • Tree sensitive techniques can be used to install the services: Horizontal directional drilling (HDD), boring, non-destructive excavation (NDE).

3 Results

Table 3 shows the results of the arboriculture assessment. The assessment considers the impacts of the demolition of the site, as well as construction works associated with the re-development of the site. Key points are:

Retained	**No Impact: 260** trees will not be impacted by the proposed works. Under the current proposal, these trees can be successfully retained. Of these:
	120 trees are of high retention value
	83 trees are of medium retention value
	57 trees are of low or unknown retention value
	Minor impact (<10%): 52 trees will be subject to a minor impact within the TPZ. The anticipated minor impact of the proposed development will have negligible impacts to the trees health, vigour or stability. Under the current proposal, these trees can be successfully retained. Of these:
	30 trees are of high retention value
	6 trees are of medium retention value
	16 trees are of low or unknown retention value
	Medium impact (<20%): 38 trees will be subject to a impact <20% of the TPZ. Further detailed assessments (root investigation) via non-destructive methods will be required in order to determine the suitability of retention. Retention is the goal. Of these:
	25 trees are of high retention value
	4 trees are of medium retention value
	9 trees are of low or unknown retention value
Total retained	**350**
Removed	Removal of up to 856 trees will be required, either through the site demolition process by LAHC, or the re-development proposed by Frasers Property Australia.
	High impact (>20%): 417 trees will be subject to a high impact >20% of the TPZ. Under the current proposal these trees cannot be successfully retained. Of these:
	164 trees are of high retention value
	157 trees are of medium retention value
	96 trees are of low or unknown retention value
	Up to 547 trees will be removed as part of demolition works. This includes some of the high impact trees (417) stated above and in **Table 3**, however this doesn't change the total number of 856 trees removed on site.
Total trees on site	**1206**

Table 3: Results of the arboricultural assessment

Tree ID	*Botanical Name*	*Trees in Group*	*Survey ID*	*Height (m)*	*Spread (m)*	*DBH (mm)*	*TPZ (m)*	*SRZ (m)*	*Health*	*Structure*	*Retention Value*	*Impact*
100	*Eucalyptus pilularis*	1	-	18	10	1000	12	3.3	Good	Good	High	No Impact
101	*Eucalyptus pilularis*	1	-	18	10	1000	12	3.3	Good	Fair	High	No Impact
102	*Eucalyptus saligna*	1	-	18	8	800	9.6	3	Fair	Fair	High	No Impact
103	*Eucalyptus saligna*	1	-	16	6	750	9	2.9	Fair	Fair	Medium	No Impact
104	*Eucalyptus pilularis*	1	-	13	7	300	3.6	2	Fair	Fair	Medium	No Impact
105	*Eucalyptus pilularis*	1	-	20	8	1000	12	3.3	Good	Good	High	Medium Impact
106	*Eucalyptus pilularis*	1	-	20	6	1000	12	3.3	Good	Good	High	Low Impact
107	*Eucalyptus pilularis*	1	-	20	10	700	8.4	2.8	Good	Good	High	Low Impact
108	*Syncarpia glomulifera*	1	-	11	7	550	6.6	2.6	Good	Fair	Medium	No Impact
109	*Angophora costata*	1	-	13	5	250	3	1.8	Fair	Fair	Medium	Low Impact
110	*Syncarpia glomulifera*	1	-	9	3	200	2.4	1.7	Good	Good	High	Low Impact
111	*Syncarpia glomulifera*	1	-	13	4	250	3	1.8	Good	Good	High	High Impact
112	*Eucalyptus eugenioides*	1	-	14	6	200	2.4	1.7	Good	Good	High	High Impact
113	*Eucalyptus pilularis*	1	-	21	13	1450	15	3.9	Good	Good	High	High Impact
114	*Eucalyptus pilularis*	1	-	21	12	1000	12	3.3	Good	Fair	High	High Impact
115	*Angophora costata*	1	-	10	5	200	2.4	1.7	Poor	Poor	Low	High Impact
116	*Angophora costata*	1	-	12	5	250	3	1.8	Good	Fair	Medium	High Impact
117	*Acacia elata*	1	-	11	6	250	3	1.8	Fair	Fair	Medium	High Impact
118	*Angophora costata*	1	-	21	10	450	5.4	2.4	Fair	Good	High	High Impact
119	*Acacia elata*	1	-	15	5	300	3.6	2	Good	Fair	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
120	*Eucalyptus pilularis*	1	-	21	16	2000	15	4.4	Good	Good	High	High Impact
121	*Syncarpia glomulifera*	1	-	15	4	350	4.2	2.1	Good	Fair	Medium	No Impact
122	*Syncarpia glomulifera*	1	-	10	6	350	4.2	2.1	Fair	Fair	Medium	No Impact
123	*Angophora costata*	1	-	14	7	200	2.4	1.7	Fair	Poor	Medium	No Impact
124	*Angophora costata*	1	-	16	5	250	3	1.8	Good	Fair	High	No Impact
125	*Angophora costata*	1	-	14	5	200	2.4	1.7	Fair	Fair	Medium	No Impact
126	*Angophora costata*	1	-	20	8	400	4.8	2.3	Good	Good	High	No Impact
127	*Angophora costata*	1	-	21	11	800	9.6	3	Good	Good	High	Low Impact
128	*Eucalyptus eugenioides*	1	-	13	6	250	3	1.8	Fair	Poor	Low	Low Impact
129	*Syncarpia glomulifera*	1	-	10	3	200	2.4	1.7	Good	Good	High	High Impact
130	*Syncarpia glomulifera*	1	-	11	3	200	2.4	1.7	Good	Good	High	High Impact
131	*Angophora costata*	1	-	19	10	550	6.6	2.6	Good	Good	High	High Impact
132	*Syncarpia glomulifera*	1	-	13	6	350	4.2	2.1	Good	Good	High	No Impact
133	*Unknown species*	1	-	5	3	250	3	1.8	Poor	Poor	Low	Low Impact
134	*Syncarpia glomulifera*	1	-	15	6	450	5.4	2.4	Good	Good	High	No Impact
135	*Syncarpia glomulifera*	1	-	15	6	350	4.2	2.1	Good	Good	High	Low Impact
136	*Eucalyptus saligna*	1	-	17	3	250	3	1.8	Fair	Good	Medium	High Impact
137	*Angophora costata*	1	-	17	10	450	5.4	2.4	Good	Good	High	No Impact
138	*Eucalyptus grandis*	1	-	19	13	900	10.8	3.2	Good	Good	High	Removed in Demolition
139	*Angophora costata*	1	-	16	6	350	4.2	2.1	Good	Good	High	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
140	*Eucalyptus saligna*	1	-	20	8	750	9	2.9	Good	Good	High	Medium Impact
141	*Syncarpia glomulifera*	1	-	4	6	400	4.8	2.3	Good	Poor	Low	No Impact
142	*Syncarpia glomulifera*	1	-	11	5	450	5.4	2.4	Good	Poor	Low	No Impact
143	*Angophora costata*	1	-	12	6	350	4.2	2.1	Good	Good	High	No Impact
144	*Eucalyptus sp.*	1	-	12	4	300	3.6	2	Good	Good	High	No Impact
145	*Unknown species*	1	-	11	3	250	3	1.8	Poor	Poor	Low	No Impact
146	*Syncarpia glomulifera*	1	-	9	5	250	3	1.8	Good	Fair	High	No Impact
147	*Angophora costata*	1	-	14	5	200	2.4	1.7	Good	Fair	High	Low Impact
148	*Eucalyptus saligna*	1	-	17	6	300	3.6	2	Good	Good	High	High Impact
149	*Syncarpia glomulifera*	1	-	4	4	200	2.4	1.7	Good	Poor	Low	No Impact
150	*Eucalyptus saligna*	1	-	17	6	350	4.2	2.1	Good	Good	High	Removed in Demolition
151	*Syncarpia glomulifera*	1	-	5	4	400	4.8	2.3	Good	Poor	Low	No Impact
152	*Syncarpia glomulifera*	1	-	15	7	550	6.6	2.6	Good	Fair	High	No Impact
153	*Syncarpia glomulifera*	1	-	16	7	550	6.6	2.6	Good	Good	High	No Impact
154	*Syncarpia glomulifera*	1	-	14	7	350	4.2	2.1	Good	Fair	Medium	No Impact
155	*Syncarpia glomulifera*	1	-	4	3	300	3.6	2	Good	Poor	Low	No Impact
156	*Syncarpia glomulifera*	1	-	13	8	450	5.4	2.4	Good	Good	High	High Impact
157	*Eucalyptus saligna*	1	-	15	6	250	3	1.8	Good	Good	High	Removed in Demolition
158	*Eucalyptus saligna*	1	-	15	3	200	2.4	1.7	Good	Good	High	Removed in Demolition
159	*Syncarpia glomulifera*	1	-	11	4	300	3.6	2	Good	Fair	Medium	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
160	*Angophora costata*	1	-	18	9	500	6	2.5	Good	Good	High	Low Impact
161	*Syncarpia glomulifera*	1	-	12	6	350	4.2	2.1	Good	Good	High	High Impact
162	*Syncarpia glomulifera*	1	-	13	5	400	4.8	2.3	Good	Good	High	High Impact
163	*Syncarpia glomulifera*	1	-	14	5	250	3	1.8	Good	Fair	High	High Impact
164	*Syncarpia glomulifera*	1	-	15	7	400	4.8	2.3	Good	Good	High	Removed in Demolition
165	*Syncarpia glomulifera*	1	-	12	4	300	3.6	2	Fair	Fair	Medium	Removed in Demolition
166	*Syncarpia glomulifera*	1	-	15	5	300	3.6	2	Good	Good	High	High Impact
167	*Syncarpia glomulifera*	1	-	16	5	350	4.2	2.1	Good	Good	High	High Impact
168	*Syncarpia glomulifera*	1	-	15	6	400	4.8	2.3	Good	Good	High	High Impact
169	*Syncarpia glomulifera*	1	-	10	5	300	3.6	2	Good	Fair	High	High Impact
170	*Syncarpia glomulifera*	1	-	14	5	400	4.8	2.3	Good	Good	High	No Impact
171	*Syncarpia glomulifera*	1	-	12	5	450	5.4	2.4	Good	Good	High	Low Impact
172	*Syncarpia glomulifera*	1	-	13	4	350	4.2	2.1	Good	Good	High	No Impact
173	*Angophora costata*	1	-	17	9	450	5.4	2.4	Good	Good	High	High Impact
174	*Syncarpia glomulifera*	1	-	13	6	250	3	1.8	Good	Fair	High	High Impact
175	*Eucalyptus saligna*	1	-	21	10	550	6.6	2.6	Good	Good	High	High Impact
176	*Angophora costata*	1	-	14	4	200	2.4	1.7	Good	Fair	High	High Impact
177	*Syncarpia glomulifera*	1	-	13	8	400	4.8	2.3	Good	Good	High	High Impact
178	*Syncarpia glomulifera*	1	-	15	6	350	4.2	2.1	Good	Good	High	High Impact
179	*Angophora costata*	1	-	15	7	450	5.4	2.4	Good	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
180	*Syncarpia glomulifera*	1	-	18	8	900	10.8	3.2	Good	Good	High	Medium Impact
181	*Syncarpia glomulifera*	1	-	15	5	350	4.2	2.1	Good	Good	High	Medium Impact
182	*Syncarpia glomulifera*	1	-	15	5	400	4.8	2.3	Good	Fair	High	Medium Impact
183	*Syncarpia glomulifera*	1	-	16	5	450	5.4	2.4	Good	Good	High	No Impact
184	*Syncarpia glomulifera*	1	-	16	7	450	5.4	2.4	Good	Good	High	No Impact
185	*Syncarpia glomulifera*	1	-	15	6	450	5.4	2.4	Good	Fair	High	Removed in Demolition
186	*Syncarpia glomulifera*	1	-	14	5	400	4.8	2.3	Good	Good	High	Removed in Demolition
187	*Syncarpia glomulifera*	1	-	10	3	200	2.4	1.7	Good	Fair	High	No Impact
188	*Syncarpia glomulifera*	1	-	11	3	250	3	1.8	Good	Good	High	No Impact
189	*Syncarpia glomulifera*	1	-	11	3	250	3	1.8	Good	Good	High	No Impact
190	*Syncarpia glomulifera*	1	-	9	7	400	4.8	2.3	Good	Poor	Low	High Impact
191	*Angophora floribunda*	1	-	16	7	400	4.8	2.3	Good	Good	High	No Impact
192	*Angophora floribunda*	1	-	16	7	400	4.8	2.3	Good	Good	High	Low Impact
193	*Acacia longifolia*	1	-	7	6	350	4.2	2.1	Good	Poor	Low	High Impact
194	*Angophora floribunda*	1	-	16	3	250	3	1.8	Good	Good	High	No Impact
195	*Angophora floribunda*	1	-	17	5	450	5.4	2.4	Good	Good	High	Medium Impact
196	*Angophora floribunda*	1	-	17	5	450	5.4	2.4	Good	Good	High	Medium Impact
197	*Angophora floribunda*	1	-	17	5	450	5.4	2.4	Good	Good	High	Medium Impact
198	*Eucalyptus grandis*	1	-	13	4	250	3	1.8	Good	Good	High	No Impact
199	*Angophora costata*	1	-	20	17	850	10.2	3.1	Good	Good	High	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
200	*Syncarpia glomulifera*	1	-	14	5	350	4.2	2.1	Good	Good	High	No Impact
201	*Syncarpia glomulifera*	1	-	13	6	350	4.2	2.1	Good	Good	High	No Impact
202	*Eucalyptus saligna*	1	-	13	5	250	3	1.8	Fair	Good	High	No Impact
203	*Eucalyptus saligna*	1	-	21	6	400	4.8	2.3	Good	Good	High	No Impact
204	*Syncarpia glomulifera*	1	-	14	7	400	4.8	2.3	Good	Good	High	No Impact
205	*Eucalyptus grandis*	1	-	20	9	400	4.8	2.3	Good	Good	High	No Impact
206	*Allocasuarina littoralis*	1	-	13	6	300	3.6	2	Poor	Good	Low	No Impact
207	*Eucalyptus grandis*	1	-	19	7	350	4.2	2.1	Good	Good	High	No Impact
208	*Syncarpia glomulifera*	1	-	12	9	400	4.8	2.3	Good	Good	High	No Impact
209	*Allocasuarina littoralis*	1	-	12	3	200	2.4	1.7	Fair	Fair	Medium	No Impact
210	*Allocasuarina littoralis*	1	-	15	3	250	3	1.8	Fair	Good	High	High Impact
211	*Syncarpia glomulifera*	1	-	12	5	250	3	1.8	Good	Good	High	High Impact
212	*Angophora costata*	1	-	19	7	500	6	2.5	Good	Good	High	High Impact
213	*Angophora costata*	1	-	14	7	250	3	1.8	Good	Fair	High	High Impact
214	*Syncarpia glomulifera*	1	-	14	3	200	2.4	1.7	Good	Good	High	High Impact
215	*Syncarpia glomulifera*	1	-	15	3	200	2.4	1.7	Good	Good	High	No Impact
216	*Allocasuarina littoralis*	1	-	9	6	300	3.6	2	Fair	Fair	Medium	No Impact
217	*Allocasuarina littoralis*	1	-	14	4	200	2.4	1.7	Fair	Fair	Medium	No Impact
218	*Eucalyptus microcorys*	1	-	15	4	200	2.4	1.7	Good	Good	High	No Impact
219	*Allocasuarina littoralis*	1	-	13	5	250	3	1.8	Fair	Fair	Medium	No Impact
220	*Allocasuarina littoralis*	1	-	13	6	200	2.4	1.7	Fair	Fair	Medium	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
221	*Eucalyptus saligna*	1	-	16	4	250	3	1.8	Good	Good	High	No Impact
222	*Allocasuarina littoralis*	1	-	13	5	250	3	1.8	Fair	Fair	Medium	Medium Impact
223	*Eucalyptus microcorys*	1	-	16	10	550	6.6	2.6	Fair	Good	High	Low Impact
224	*Pittosporum undulatum*	1	-	8	4	150	2	1.5	Good	Fair	Medium	No Impact
225	*Ligustrum sinense*	1	-	8	3	200	2.4	1.7	Good	Fair	Low	High Impact
226	*Cinnamomum camphora*	1	-	12	6	350	4.2	2.1	Good	Fair	Low	High Impact
227	*Syncarpia glomulifera*	1	-	17	8	800	9.6	3	Good	Good	High	High Impact
228	*Angophora floribunda*	1	-	20	10	550	6.6	2.6	Good	Good	High	High Impact
229	*Acacia baileyana*	1	-	18	8	250	3	1.8	Fair	Fair	Medium	High Impact
230	*Eucalyptus microcorys*	1	-	20	10	400	4.8	2.3	Good	Fair	High	Low Impact
231	*Angophora costata*	1	-	20	9	350	4.2	2.1	Good	Fair	High	High Impact
232	*Angophora costata*	1	-	22	12	800	9.6	3	Good	Good	High	Medium Impact
233	*Angophora costata*	1	-	14	3	200	2.4	1.7	Good	Fair	High	No Impact
234	*Angophora costata*	1	-	22	11	800	9.6	3	Good	Good	High	High Impact
235	*Ligustrum sinense*	1	-	4	4	300	3.6	2	Fair	Poor	Low	No Impact
236	*Eucalyptus eugenioides*	1	-	12	7	200	2.4	1.7	Fair	Fair	Medium	Medium Impact
237	*Eucalyptus eugenioides*	1	-	17	5	200	2.4	1.7	Good	Fair	High	High Impact
238	*Melaleuca styphelioides*	1	-	9	5	300	3.6	2	Fair	Fair	Medium	High Impact
239	*Eucalyptus microcorys*	1	-	17	9	400	4.8	2.3	Good	Good	High	No Impact
240	*Eucalyptus microcorys*	1	-	17	8	500	6	2.5	Good	Good	High	No Impact
241	*Eucalyptus pilularis*	1	-	14	5	200	2.4	1.7	Good	Good	High	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
242	*Eucalyptus microcorys*	1	-	17	7	350	4.2	2.1	Good	Good	High	High Impact
243	*Eucalyptus microcorys*	1	-	13	3	200	2.4	1.7	Fair	Fair	Medium	High Impact
244	*Eucalyptus microcorys*	1	-	13	4	200	2.4	1.7	Good	Good	High	High Impact
245	*Allocasuarina littoralis*	1	-	8	6	250	3	1.8	Poor	Poor	Low	Low Impact
246	*Eucalyptus microcorys*	1	-	17	8	600	7.2	2.7	Good	Good	High	No Impact
247	*Eucalyptus microcorys*	1	-	15	5	300	3.6	2	Good	Fair	High	No Impact
248	*Eucalyptus microcorys*	1	-	19	6	350	4.2	2.1	Good	Good	High	No Impact
249	*Eucalyptus microcorys*	1	-	17	6	350	4.2	2.1	Good	Fair	High	No Impact
250	*Eucalyptus microcorys*	1	-	16	7	350	4.2	2.1	Fair	Fair	Medium	No Impact
251	*Eucalyptus microcorys*	1	-	19	7	400	4.8	2.3	Good	Good	High	No Impact
252	*Eucalyptus microcorys*	1	-	11	5	250	3	1.8	Poor	Poor	Low	No Impact
253	*Eucalyptus microcorys*	1	-	18	8	400	4.8	2.3	Good	Good	High	No Impact
254	*Eucalyptus microcorys*	1	-	18	9	350	4.2	2.1	Good	Good	High	No Impact
255	*Eucalyptus microcorys*	1	-	18	5	300	3.6	2	Good	Good	High	No Impact
256	*Eucalyptus microcorys*	1	-	18	6	300	3.6	2	Good	Good	High	No Impact
257	*Pittosporum undulatum*	1	-	6	6	250	3	1.8	Good	Fair	Medium	No Impact
258	*Eucalyptus microcorys*	1	-	12	3	200	2.4	1.7	Fair	Fair	Medium	No Impact
259	*Allocasuarina littoralis*	1	-	5	3	200	2.4	1.7	Fair	Poor	Low	No Impact
260	*Allocasuarina littoralis*	1	-	11	3	200	2.4	1.7	Good	Good	High	No Impact
261	*Eucalyptus microcorys*	1	-	15	7	350	4.2	2.1	Fair	Good	High	No Impact
262	*Eucalyptus microcorys*	1	-	16	10	450	5.4	2.4	Fair	Fair	Medium	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
263	*Pittosporum undulatum*	1	-	7	7	250	3	1.8	Good	Fair	High	No Impact
264	*Pittosporum undulatum*	1	-	7	5	200	2.4	1.7	Good	Good	High	No Impact
265	*Allocasuarina littoralis*	1	-	15	8	350	4.2	2.1	Fair	Fair	Medium	No Impact
266	*Allocasuarina littoralis*	1	-	17	9	400	4.8	2.3	Good	Good	High	No Impact
267	*Pittosporum undulatum*	2	-	7	3	150	2	1.5	Fair	Fair	Medium	High Impact
268	*Ligustrum sp.*	1	-	7	4	250	3	1.8	Fair	Poor	Low	High Impact
269	*Eucalyptus grandis*	1	505	14	6	250	3	1.8	Fair	Fair	Medium	High Impact
270	*Eucalyptus pilularis*	1	507	17	8	350	4.2	2.1	Good	Fair	High	High Impact
271	*Casuarina glauca*	1	505	17	4	250	3	1.8	Good	Fair	High	High Impact
272	*Eucalyptus pilularis*	1	-	15	6	250	3	1.8	Fair	Good	Medium	High Impact
273	*Eucalyptus pilularis*	1	500	20	11	400	4.8	2.3	Good	Good	High	High Impact
274	*Ligustrum sp.*	1	-	6	5	200	2.4	1.7	Good	Fair	Low	Removed in Demolition
275	*Pittosporum undulatum*	1	-	10	4	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
276	*Cinnamomum camphora*	1	-	11	6	200	2.4	1.7	Poor	Fair	Low	Removed in Demolition
277	*Pittosporum undulatum*	1	-	12	6	200	2.4	1.7	Good	Fair	Medium	High Impact
278	*Pittosporum undulatum*	1	-	12	5	200	2.4	1.7	Good	Fair	Medium	High Impact
279	*Acacia sp.*	1	-	4	3	100	2	1.5	Fair	Fair	Low	High Impact
280	*Ligustrum sp.*	1	-	12	6	250	3	1.8	Fair	Poor	Low	High Impact
281	*Eucalyptus saligna*	1	528	14	5	300	3.6	2	Fair	Fair	Medium	High Impact
282	*Eucalyptus saligna*	1	529	18	6	300	3.6	2	Good	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
283	*Olea africana*	1	-	6	4	150	2	1.5	Fair	Poor	Low	High Impact
284	*Eucalyptus saligna*	1	-	14	5	150	2	1.5	Fair	Fair	Medium	High Impact
285	*Eucalyptus pilularis*	1	-	10	4	150	2	1.5	Good	Fair	Medium	High Impact
286	*Eucalyptus saligna*	1	525	21	15	550	6.6	2.6	Good	Good	High	High Impact
287	*Casuarina glauca*	1	520	12	3	150	2	1.5	Good	Good	Medium	High Impact
288	*Casuarina glauca*	1	521	13	3	150	2	1.5	Good	Good	Medium	High Impact
289	*Casuarina glauca*	1	522	15	4	250	3	1.8	Good	Good	Medium	High Impact
290	*Casuarina glauca*	1	524	13	5	200	2.4	1.7	Good	Good	Medium	High Impact
291	*Eucalyptus microcorys*	1	523	18	7	300	3.6	2	Good	Good	High	High Impact
292	*Eucalyptus pilularis*	1	509	12	8	350	4.2	2.1	Good	Fair	High	High Impact
293	*Syncarpia glomulifera*	1	511	6	3	100	2	1.5	Fair	Poor	Low	High Impact
294	*Casuarina glauca*	1	510	15	3	200	2.4	1.7	Good	Good	High	High Impact
295	*Casuarina glauca*	1	512	6	2	100	2	1.5	Fair	Poor	Low	High Impact
296	*Casuarina glauca*	1	513	15	6	250	3	1.8	Good	Good	High	High Impact
297	*Casuarina glauca*	1	-	15	4	250	3	1.8	Good	Fair	High	High Impact
298	*Syncarpia glomulifera*	1	514	8	3	150	2	1.5	Good	Fair	Medium	High Impact
299	*Syncarpia glomulifera*	1	-	13	5	300	3.6	2	Good	Fair	High	High Impact
300	*Eucalyptus saligna*	1	527	15	7	300	3.6	2	Good	Fair	Medium	High Impact
301	*Eucalyptus pilularis*	1	515	13	5	250	3	1.8	Good	Fair	Medium	High Impact
302	*Eucalyptus pilularis*	1	516	15	7	350	4.2	2.1	Good	Poor	Low	High Impact
303	*Eucalyptus pilularis*	1	517	15	12	350	4.2	2.1	Good	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
304	*Allocasuarina littoralis*	1	519	15	6	400	4.8	2.3	Good	Fair	High	High Impact
305	*Fraxinus excelsior*	1	-	7	6	250	3	1.8	Fair	Fair	Medium	High Impact
306	*Fraxinus excelsior*	1	-	8	6	250	3	1.8	Fair	Fair	Medium	High Impact
307	*Fraxinus excelsior*	1	533	7	6	250	3	1.8	Fair	Fair	Medium	High Impact
308	*Callistemon viminalis*	1	-	8	6	250	3	1.8	Good	Fair	Medium	High Impact
309	*Callistemon viminalis*	1	-	9	7	250	3	1.8	Good	Fair	Medium	Removed in Demolition
310	*Fraxinus excelsior*	1	542	6	5	250	3	1.8	Fair	Fair	Medium	High Impact
311	*Unknown species*	1	-	4	4	150	2	1.5	Poor	Poor	Low	High Impact
312	*Fraxinus excelsior*	1	541	9	5	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
313	*Fraxinus excelsior*	1	540	9	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
314	*Fraxinus excelsior*	1	539	8	6	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
315	*Casuarina glauca*	1	-	6	1	100	2	1.5	Poor	Poor	Low	Removed in Demolition
316	*Melaleuca sp.*	6	-	12	4	100	2	1.5	Fair	Fair	Medium	Removed in Demolition
317	*Syncarpia glomulifera*	1	535	16	7	400	4.8	2.3	Good	Good	High	Removed in Demolition
318	*Leptospermum sp.*	1	-	9	7	150	2	1.5	Fair	Fair	Low	Removed in Demolition
319	*Juniperus sp.*	1	-	14	5	350	4.2	2.1	Fair	Poor	Low	Removed in Demolition
320	*Unknown species*	1	-	10	3	150	2	1.5	Poor	Poor	Low	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
321	*Syncarpia glomulifera*	1	536	14	7	350	4.2	2.1	Good	Good	High	Removed in Demolition
322	*Syncarpia glomulifera*	1	538	14	5	350	4.2	2.1	Good	Fair	Medium	Removed in Demolition
323	*Unknown species*	1	-	4	4	150	2	1.5	Fair	Fair	Low	Removed in Demolition
324	*Syncarpia glomulifera*	1	537	14	5	350	4.2	2.1	Good	Fair	Medium	Removed in Demolition
325	*Pittosporum undulatum*	1	-	4	3	150	2	1.5	Fair	Poor	Low	Removed in Demolition
326	*Syncarpia glomulifera*	1	-	14	4	350	4.2	2.1	Good	Fair	Medium	Removed in Demolition
327	*Pittosporum undulatum*	1	-	11	5	250	3	1.8	Good	Fair	Medium	Removed in Demolition
328	*Unknown species*	1	-	14	6	300	3.6	2	Fair	Fair	Medium	Removed in Demolition
329	*Syzygium australe*	3	-	7	4	150	2	1.5	Good	Fair	Medium	Removed in Demolition
330	*Fraxinus excelsior*	1	-	8	6	250	3	1.8	Fair	Fair	Medium	High Impact
331	*Fraxinus excelsior*	1	-	8	6	250	3	1.8	Fair	Fair	Medium	High Impact
332	*Fraxinus excelsior*	1	-	8	6	250	3	1.8	Fair	Fair	Medium	High Impact
333	*Fraxinus griffithii*	1	-	7	4	200	2.4	1.7	Fair	Fair	Medium	High Impact
334	*Fraxinus excelsior*	1	-	7	5	200	2.4	1.7	Fair	Fair	Medium	High Impact
335	*Fraxinus excelsior*	1	-	8	5	200	2.4	1.7	Fair	Fair	Medium	High Impact
336	*Ligustrum sinense*	1	-	7	3	100	2	1.5	Fair	Poor	Low	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
337	*Ligustrum lucidum*	2	-	8	3	150	2	1.5	Fair	Fair	Low	Removed in Demolition
338	*Callistemon sp.*	7	-	10	3	100	2	1.5	Fair	Fair	Medium	Removed in Demolition
339	*Callistemon sp.*	7	-	10	3	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
340	*Ligustrum lucidum*	1	-	8	3	100	2	1.5	Fair	Poor	Low	Removed in Demolition
341	*Syncarpia glomulifera*	1	-	15	6	400	4.8	2.3	Good	Fair	High	Removed in Demolition
342	*Syncarpia glomulifera*	1	-	15	7	400	4.8	2.3	Good	Fair	High	Removed in Demolition
343	*Callistemon sp.*	1	-	15	5	250	3	1.8	Good	Fair	High	Removed in Demolition
344	*Callistemon sp.*	2	-	14	3	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
345	*Syncarpia glomulifera*	1	-	15	5	300	3.6	2	Good	Fair	High	Removed in Demolition
346	*Fraxinus excelsior*	1	-	7	4	250	3	1.8	Fair	Fair	Medium	High Impact
347	*Fraxinus excelsior*	1	-	7	5	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
348	*Syzygium australe*	2	-	17	4	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
349	*Syncarpia glomulifera*	1	-	17	5	400	4.8	2.3	Good	Fair	High	Removed in Demolition
350	*Syzygium australe*	1	-	16	5	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
351	*Fraxinus excelsior*	1	-	7	5	200	2.4	1.7	Fair	Fair	Medium	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
352	*Callistemon sp.*	4	-	11	3	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition
353	*Syncarpia glomulifera*	1	-	10	4	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition
354	*Ligustrum sp.*	8	-	8	2	100	2	1.5	Good	Poor	Low	Removed in Demolition
355	*Syncarpia glomulifera*	1	-	12	3	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
356	*Eucalyptus microcorys*	1	-	15	5	350	4.2	2.1	Fair	Good	High	High Impact
357	*Eucalyptus microcorys*	1	-	10	3	150	2	1.5	Good	Fair	Medium	High Impact
358	*Eucalyptus microcorys*	1	-	14	5	150	2	1.5	Good	Fair	Medium	High Impact
359	*Syncarpia glomulifera*	1	-	9	3	150	2	1.5	Fair	Good	Medium	High Impact
360	*Morus sp.*	1	-	8	6	200	2.4	1.7	Fair	Poor	Low	Removed in Demolition
361	*Morus sp.*	1	-	7	6	200	2.4	1.7	Fair	Fair	Low	Removed in Demolition
362	*Fraxinus excelsior*	1	-	11	7	250	3	1.8	Fair	Fair	Medium	High Impact
363	*Fraxinus excelsior*	1	-	11	5	200	2.4	1.7	Fair	Good	Medium	High Impact
364	*Fraxinus excelsior*	1	-	10	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
365	*Syncarpia glomulifera*	1	-	20	9	400	4.8	2.3	Good	Fair	High	Removed in Demolition
366	*Fraxinus excelsior*	1	-	7	4	200	2.4	1.7	Fair	Fair	Medium	High Impact
367	*Fraxinus excelsior*	1	-	10	4	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
368	*Eucalyptus punctata*	1	-	22	12	500	6	2.5	Good	Good	High	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
369	*Fraxinus excelsior*	1	-	8	5	200	2.4	1.7	Fair	Fair	Medium	High Impact
370	*Fraxinus excelsior*	1	-	8	4	150	2	1.5	Fair	Fair	Medium	High Impact
371	*Syncarpia glomulifera*	1	-	15	7	350	4.2	2.1	Good	Fair	High	Removed in Demolition
372	*Syncarpia glomulifera*	1	-	18	7	400	4.8	2.3	Good	Fair	High	Removed in Demolition
373	*Ligustrum lucidum*	1	-	13	5	250	3	1.8	Good	Fair	Low	Removed in Demolition
374	*Callistemon sp.*	5	-	14	3	100	2	1.5	Good	Fair	Medium	Removed in Demolition
375	*Fraxinus excelsior*	1	-	7	3	150	2	1.5	Fair	Fair	Medium	High Impact
376	*Fraxinus excelsior*	1	-	8	4	100	2	1.5	Fair	Fair	Medium	High Impact
377	*Syncarpia glomulifera*	1	-	20	9	400	4.8	2.3	Good	Fair	High	Removed in Demolition
378	*Syncarpia glomulifera*	1	-	12	4	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
379	*Jacaranda mimosifolia*	1	-	10	5	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
380	*Syzygium australe*	3	-	7	2	100	2	1.5	Good	Fair	Medium	Removed in Demolition
381	*Ligustrum lucidum*	3	-	8	3	100	2	1.5	Fair	Fair	Low	Removed in Demolition
382	*Fraxinus excelsior*	1	-	7	4	200	2.4	1.7	Fair	Fair	Medium	High Impact
383	*Fraxinus excelsior*	1	-	7	3	200	2.4	1.7	Fair	Fair	Medium	High Impact
384	*Fraxinus excelsior*	1	-	9	4	200	2.4	1.7	Fair	Good	Medium	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
385	*Callistemon sp.*	4	-	15	6	200	2.4	1.7	Good	Good	High	Removed in Demolition
386	*Ligustrum lucidum*	4	-	14	4	150	2	1.5	Good	Fair	Low	Removed in Demolition
387	*Syzygium australe*	3	-	12	3	150	2	1.5	Good	Fair	Medium	Removed in Demolition
388	*Cotoneaster sp.*	1	-	5	4	150	2	1.5	Good	Poor	Low	Removed in Demolition
389	*Melaleuca sp.*	1	-	6	5	250	3	1.8	Good	Fair	Medium	Removed in Demolition
390	*Callistemon sp.*	7	-	11	4	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition
391	*Melaleuca sp.*	2	-	7	4	150	2	1.5	Good	Fair	Medium	Removed in Demolition
392	*Fraxinus excelsior*	1	-	6	3	100	2	1.5	Fair	Fair	Medium	High Impact
393	*Fraxinus excelsior*	1	-	7	3	150	2	1.5	Good	Good	Medium	High Impact
394	*Fraxinus excelsior*	1	-	7	4	150	2	1.5	Good	Fair	Medium	High Impact
395	*Callistemon sp.*	1	-	11	4	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition
396	*Syncarpia glomulifera*	1	-	18	8	400	4.8	2.3	Good	Fair	High	Removed in Demolition
397	*Syncarpia glomulifera*	1	-	18	5	350	4.2	2.1	Good	Fair	High	Removed in Demolition
398	*Callistemon sp.*	2	-	15	2	100	2	1.5	Fair	Fair	Low	Removed in Demolition
399	*Syzygium australe*	1	-	7	2	100	2	1.5	Good	Fair	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
400	*Callistemon sp.*	1	-	10	4	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
401	*Unknown species*	1	-	5	3	100	2	1.5	Fair	Poor	Low	Removed in Demolition
402	*Fraxinus excelsior*	1	-	6	3	150	2	1.5	Fair	Fair	Medium	High Impact
403	*Fraxinus excelsior*	1	-	7	5	150	2	1.5	Fair	Fair	Medium	High Impact
404	*Plumeria species*	1	-	3	3	100	2	1.5	Fair	Fair	Medium	Removed in Demolition
405	*Eriobotrya japonica*	1	-	6	5	200	2.4	1.7	Fair	Fair	Low	Removed in Demolition
406	*Citrus species*	1	-	4	3	100	2	1.5	Fair	Fair	Low	Removed in Demolition
407	*Syzygium australe*	2	-	8	3	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
408	*Bauhinia variegata*	5	-	9	5	200	2.4	1.7	Poor	Fair	Low	Removed in Demolition
409	*Phoenix canariensis*	1	-	8	3	400	4.8	2.3	Fair	Poor	Low	Removed in Demolition
410	*Pistacia chinensis*	1	-	7	4	200	2.4	1.7	Fair	Fair	Medium	High Impact
411	*Fraxinus excelsior*	1	-	7	4	150	2	1.5	Fair	Fair	Medium	High Impact
412	*Acacia elata*	3	-	5	2	100	2	1.5	Fair	Fair	Medium	High Impact
413	*Syncarpia glomulifera*	1	-	13	5	300	3.6	2	Good	Fair	Medium	High Impact
414	*Syncarpia glomulifera*	1	-	13	5	400	4.8	2.3	Good	Fair	Medium	High Impact
415	*Syncarpia glomulifera*	1	-	13	3	350	4.2	2.1	Fair	Fair	Medium	High Impact
416	*Eucalyptus pilularis*	1	-	20	7	350	4.2	2.1	Good	Fair	High	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
417	*Ligustrum lucidum*	1	-	9	4	100	2	1.5	Fair	Poor	Low	Removed in Demolition
418	*Eucalyptus pilularis*	1	-	21	8	350	4.2	2.1	Good	Fair	High	Removed in Demolition
419	*Eucalyptus pilularis*	1	-	23	8	500	6	2.5	Good	Good	High	Removed in Demolition
420	*Phoenix canariensis*	1	-	6	6	600	7.2	2.7	Good	Good	Low	Removed in Demolition
421	*Eucalyptus pilularis*	1	-	22	16	500	6	2.5	Fair	Fair	Medium	Removed in Demolition
422	*Eucalyptus pilularis*	1	-	16	5	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
423	*Pistacia chinensis*	1	-	10	7	300	3.6	2	Good	Fair	Medium	Removed in Demolition
424	*Eucalyptus saligna*	1	-	26	8	550	6.6	2.6	Good	Good	High	Removed in Demolition
425	*Acacia sp.*	1	-	10	7	300	3.6	2	Poor	Poor	Low	High Impact
426	*Fraxinus excelsior*	1	-	7	5	250	3	1.8	Good	Fair	Medium	High Impact
427	*Fraxinus excelsior*	1	-	7	5	200	2.4	1.7	Fair	Fair	Medium	High Impact
428	*Eucalyptus tereticornis*	1	-	16	7	300	3.6	2	Poor	Fair	Low	Removed in Demolition
429	*Eucalyptus sp.*	1	-	5	3	100	2	1.5	Fair	Poor	Low	Removed in Demolition
430	*Fraxinus excelsior*	1	-	8	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
431	*Fraxinus excelsior*	1	-	7	5	150	2	1.5	Fair	Fair	Medium	High Impact
432	*Syncarpia glomulifera*	1	-	10	5	250	3	1.8	Good	Fair	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
433	*Syncarpia glomulifera*	1	-	13	7	300	3.6	2	Good	Fair	Medium	Removed in Demolition
434	*Syncarpia glomulifera*	1	-	14	6	300	3.6	2	Good	Fair	Medium	Removed in Demolition
435	*Syncarpia glomulifera*	1	-	15	5	350	4.2	2.1	Good	Fair	High	Removed in Demolition
436	*Syncarpia glomulifera*	1	-	14	5	300	3.6	2	Good	Fair	Medium	Removed in Demolition
437	*Syzygium australe*	6	-	8	3	100	2	1.5	Good	Fair	Medium	Removed in Demolition
438	*Syzygium australe*	1	-	9	3	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition
439	*Syzygium australe*	1	-	11	5	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition
440	*Syncarpia glomulifera*	1	-	10	3	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
441	*Ligustrum lucidum*	1	-	11	7	300	3.6	2	Good	Fair	Low	Removed in Demolition
442	*Syncarpia glomulifera*	1	-	14	6	300	3.6	2	Good	Fair	Medium	Removed in Demolition
443	*Fraxinus excelsior*	1	-	5	2	100	2	1.5	Fair	Poor	Low	High Impact
444	*Fraxinus excelsior*	1	-	8	3	100	2	1.5	Fair	Fair	Medium	High Impact
445	*Fraxinus excelsior*	1	-	7	3	100	2	1.5	Fair	Fair	Medium	High Impact
446	*Fraxinus excelsior*	1	-	11	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
447	*Fraxinus excelsior*	1	-	10	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
448	*Syzygium australe*	1	-	6	5	100	2	1.5	Good	Fair	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
449	*Callistemon sp.*	3	-	12	6	300	3.6	2	Good	Fair	High	Removed in Demolition
450	*Schefflera actinophylla*	1	-	11	3	100	2	1.5	Good	Fair	Low	Removed in Demolition
451	*Ligustrum lucidum*	1	-	7	3	100	2	1.5	Good	Fair	Low	Removed in Demolition
452	*Phoenix canariensis*	1	-	3	3	400	4.8	2.3	Poor	Poor	Low	Removed in Demolition
453	*Syncarpia glomulifera*	1	-	11	6	300	3.6	2	Poor	Fair	Low	Removed in Demolition
454	*Fraxinus excelsior*	1	-	7	4	200	2.4	1.7	Good	Fair	Medium	High Impact
455	*Fraxinus excelsior*	1	-	6	4	200	2.4	1.7	Fair	Fair	Medium	High Impact
466	*Fraxinus excelsior*	1	-	5	5	150	2	1.5	Good	Fair	Medium	High Impact
467	*Fraxinus excelsior*	1	-	5	4	150	2	1.5	Fair	Fair	Medium	High Impact
468	*Syncarpia glomulifera*	1	-	15	7	400	4.8	2.3	Fair	Fair	Medium	Removed in Demolition
469	*Syncarpia glomulifera*	1	-	15	5	300	3.6	2	Fair	Fair	Medium	Removed in Demolition
470	*Callistemon viminalis*	1	-	2	2	100	2	1.5	Fair	Poor	Low	Removed in Demolition
471	*Ligustrum lucidum*	1	-	6	4	100	2	1.5	Good	Fair	Low	Removed in Demolition
472	*Syzygium australe*	1	-	8	3	100	2	1.5	Good	Fair	Medium	Removed in Demolition
473	*Syncarpia glomulifera*	1	-	19	6	350	4.2	2.1	Good	Fair	High	Removed in Demolition
474	*Syncarpia glomulifera*	1	-	19	6	350	4.2	2.1	Good	Fair	High	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
475	*Fraxinus excelsior*	1	-	7	4	200	2.4	1.7	Fair	Fair	Medium	High Impact
476	*Fraxinus excelsior*	1	-	8	6	200	2.4	1.7	Good	Fair	Medium	High Impact
477	*Fraxinus excelsior*	1	-	10	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
478	*Fraxinus excelsior*	1	-	12	8	300	3.6	2	Good	Fair	Medium	High Impact
479	*Syzygium australe*	2	-	10	2	100	2	1.5	Good	Fair	Medium	Removed in Demolition
480	*Syzygium australe*	1	-	12	3	200	2.4	1.7	Good	Fair	High	Removed in Demolition
481	*Syzygium australe*	1	-	13	5	250	3	1.8	Good	Fair	High	Removed in Demolition
482	*Unknown species*	1	-	5	5	100	2	1.5	Fair	Poor	Low	Removed in Demolition
483	*Yakka species*	2	-	6	3	100	2	1.5	Fair	Fair	Low	Removed in Demolition
484	*Angophora costata*	1	-	20	10	750	9	2.9	Good	Fair	High	High Impact
485	*Cupaniopsis anacardioides*	1	-	5	3	100	2	1.5	Fair	Fair	Medium	High Impact
486	*Cupaniopsis anacardioides*	1	-	4	3	100	2	1.5	Fair	Fair	Medium	Removed in Demolition
487	*Jacaranda mimosifolia*	1	-	6	4	150	2	1.5	Fair	Fair	Low	Removed in Demolition
488	*Jacaranda mimosifolia*	1	-	6	5	150	2	1.5	Fair	Fair	Low	Removed in Demolition
489	*Juniperus sp.*	1	-	14	6	350	4.2	2.1	Good	Fair	Medium	Removed in Demolition
490	*Washingtonia robusta*	1	-	7	5	300	3.6	2	Good	Good	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
491	*Cupaniopsis anacardioides*	1	-	3	2	100	2	1.5	Fair	Fair	Low	Removed in Demolition
492	*Cupaniopsis anacardioides*	1	-	3	2	100	2	1.5	Fair	Fair	Low	Removed in Demolition
493	*Acacia longifolia*	1	-	4	1	100	2	1.5	Fair	Fair	Low	Removed in Demolition
494	*Cupaniopsis anacardioides*	1	-	5	2	100	2	1.5	Fair	Fair	Medium	High Impact
495	*Cupaniopsis anacardioides*	1	-	5	2	100	2	1.5	Fair	Fair	Medium	Removed in Demolition
496	*Cupaniopsis anacardioides*	1	-	4	2	100	2	1.5	Fair	Fair	Low	Removed in Demolition
497	*Cupaniopsis anacardioides*	1	-	4	2	100	2	1.5	Fair	Fair	Medium	Removed in Demolition
498	*Cupaniopsis anacardioides*	1	-	5	2	100	2	1.5	Fair	Fair	Low	High Impact
499	*Cupaniopsis anacardioides*	1	-	4	2	100	2	1.5	Fair	Fair	Low	High Impact
500	*Jasminum sp*	8	-	5	3	100	2	1.5	Good	Fair	Medium	Removed in Demolition
501	*Ligustrum sinense*	1	-	7	6	150	2	1.5	Good	Fair	Low	Removed in Demolition
502	*Eucalyptus botryoides*	1	-	14	7	350	4.2	2.1	Good	Fair	High	Removed in Demolition
503	*Eucalyptus botryoides*	1	-	13	8	300	3.6	2	Fair	Fair	Medium	Removed in Demolition
504	*Casuarina glauca*	1	-	15	6	250	3	1.8	Good	Fair	Medium	Removed in Demolition
505	*Casuarina glauca*	1	-	14	5	250	3	1.8	Good	Fair	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
506	*Casuarina glauca*	1	-	15	5	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
507	*Casuarina glauca*	1	-	20	6	700	8.4	2.8	Good	Fair	High	Removed in Demolition
508	*Casuarina glauca*	1	-	20	7	400	4.8	2.3	Good	Fair	High	Removed in Demolition
509	*Melaleuca sp.*	1	-	6	5	250	3	1.8	Good	Fair	Medium	Removed in Demolition
510	*Callistemon viminalis*	1	-	6	4	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
511	*Syzygium australe*	1	-	4	2	100	2	1.5	Fair	Fair	Low	Removed in Demolition
512	*Syagrus romanzoffiana*	1	-	6	2	150	2	1.5	Good	Fair	Low	Removed in Demolition
513	*Pittosporum undulatum*	1	-	9	5	150	2	1.5	Good	Fair	Medium	Removed in Demolition
514	*Melaleuca quinquenervia*	1	-	10	6	350	4.2	2.1	Good	Good	Medium	Removed in Demolition
515	*Lagerstroemia indica*	1	-	5	3	100	2	1.5	Fair	Poor	Low	Removed in Demolition
516	*Ligustrum lucidum*	1	-	7	4	200	2.4	1.7	Good	Poor	Low	Removed in Demolition
517	*Schefflera actinophylla*	1	-	2	2	200	2.4	1.7	Good	Poor	Low	Removed in Demolition
518	*Casuarina glauca*	1	-	21	8	350	4.2	2.1	Good	Fair	High	Removed in Demolition
519	*Casuarina glauca*	1	-	21	10	350	4.2	2.1	Good	Fair	High	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
520	*Syncarpia glomulifera*	1	-	16	8	350	4.2	2.1	Good	Fair	High	Removed in Demolition
521	*Casuarina glauca*	1	-	24	8	400	4.8	2.3	Good	Fair	High	Removed in Demolition
522	*Casuarina glauca*	1	-	20	9	400	4.8	2.3	Good	Fair	High	Removed in Demolition
523	*Schefflera actinophylla*	1	-	8	4	150	2	1.5	Good	Fair	Low	High Impact
524	*Eucalyptus pilularis*	1	-	22	9	550	6.6	2.6	Good	Good	High	High Impact
525	*Jacaranda mimosifolia*	1	-	9	9	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
526	*Fagus sylvatica*	1	-	5	4	150	2	1.5	Fair	Fair	Low	Removed in Demolition
527	*Photinia robusta*	1	-	5	4	150	2	1.5	Good	Fair	Low	Removed in Demolition
528	*Callistemon sp.*	1	-	5	4	100	2	1.5	Fair	Fair	Medium	Removed in Demolition
529	*Unknown species*	1	-	6	4	150	2	1.5	Poor	Fair	Low	High Impact
530	*Jasminum species*	1	-	5	5	200	2.4	1.7	Good	Fair	Low	Removed in Demolition
531	*Unknown species*	1	-	20	9	350	4.2	2.1	Fair	Good	High	Removed in Demolition
532	*Juniperus sp.*	1	-	17	8	800	9.6	3	Good	Fair	Medium	Removed in Demolition
533	*Lagerstroemia indica*	1	-	4	3	150	2	1.5	Fair	Poor	Low	Removed in Demolition
534	*Unknown species*	1	-	6	4	150	2	1.5	Good	Good	Medium	Removed in Demolition
535	*Casuarina glauca*	1	-	16	7	400	4.8	2.3	Good	Fair	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
536	*Casuarina glauca*	1	-	18	6	400	4.8	2.3	Good	Fair	High	Removed in Demolition
537	*Grevillea robusta*	1	-	16	4	300	3.6	2	Good	Good	High	Removed in Demolition
538	*Ulmus parvifolia*	1	-	7	5	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
539	*Syncarpia glomulifera*	1	-	16	6	350	4.2	2.1	Good	Fair	Medium	Removed in Demolition
540	*Syagrus romanzoffiana*	1	-	15	5	300	3.6	2	Good	Good	Medium	High Impact
541	*Juniperus sp.*	1	-	15	6	300	3.6	2	Good	Fair	Medium	Removed in Demolition
542	*Syagrus romanzoffiana*	1	-	15	5	300	3.6	2	Good	Good	Medium	Removed in Demolition
543	*Grevillea robusta*	1	-	22	8	400	4.8	2.3	Good	Good	High	High Impact
544	*Juniperus sp.*	1	-	15	5	200	2.4	1.7	Good	Good	Medium	High Impact
545	*Syagrus romanzoffiana*	1	-	18	6	300	3.6	2	Fair	Fair	Medium	High Impact
546	*Casuarina glauca*	1	-	18	5	350	4.2	2.1	Good	Fair	High	High Impact
547	*Callistemon viminalis*	1	-	7	4	150	2	1.5	Fair	Fair	Medium	High Impact
548	*Casuarina glauca*	1	-	20	6	400	4.8	2.3	Good	Fair	High	High Impact
549	*Celtis australis*	1	-	8	4	150	2	1.5	Fair	Fair	Low	High Impact
550	*Syzygium australe*	1	-	5	3	100	2	1.5	Fair	Fair	Medium	High Impact
551	*Celtis australis*	1	-	6	5	200	2.4	1.7	Good	Fair	Low	Removed in Demolition
552	*Ligustrum lucidum*	1	-	4	5	150	2	1.5	Fair	Poor	Low	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
553	*Ligustrum sinense*	1	-	4	5	150	2	1.5	Fair	Poor	Low	Removed in Demolition
554	*Grevillea robusta*	1	-	9	3	150	2	1.5	Good	Good	Medium	Removed in Demolition
555	*Callistemon viminalis*	1	-	8	6	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition
556	*Callistemon viminalis*	1	-	8	4	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
557	*Banksia integrifolia*	1	-	9	5	250	3	1.8	Good	Fair	Medium	Removed in Demolition
558	*Schefflera actinophylla*	1	-	9	5	300	3.6	2	Good	Fair	Medium	Removed in Demolition
559	*Syncarpia glomulifera*	1	-	12	6	350	4.2	2.1	Good	Fair	High	Removed in Demolition
560	*Morus sp.*	1	-	9	7	300	3.6	2	Fair	Fair	Low	Removed in Demolition
561	*Acer species*	1	-	8	5	300	3.6	2	Good	Fair	Medium	Removed in Demolition
562	*Juniperus sp.*	2	-	3	2	100	2	1.5	Good	Fair	Low	Removed in Demolition
563	*Morus sp.*	1	-	4	4	100	2	1.5	Poor	Poor	Low	Removed in Demolition
564	*Juniperus sp.*	1	-	3	2	150	2	1.5	Good	Fair	Low	Removed in Demolition
565	*Morus sp.*	1	-	10	10	300	3.6	2	Good	Poor	Low	Removed in Demolition
566	*Ligustrum lucidum*	1	-	10	4	150	2	1.5	Good	Fair	Low	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
567	*Eucalyptus eugenioides*	1	-	19	14	600	7.2	2.7	Good	Fair	High	Removed in Demolition
568	*Syncarpia glomulifera*	1	-	15	10	600	7.2	2.7	Good	Fair	High	Removed in Demolition
569	*Celtis australis*	1	-	7	7	300	3.6	2	Good	Fair	Low	High Impact
570	*Celtis australis*	1	-	7	6	250	3	1.8	Fair	Fair	Low	High Impact
571	*Eucalyptus robusta*	1	-	22	8	500	6	2.5	Good	Good	High	High Impact
572	*Eucalyptus robusta*	1	-	7	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
573	*Eucalyptus robusta*	1	-	20	6	350	4.2	2.1	Fair	Good	High	High Impact
574	*Eucalyptus scoparia*	1	-	21	10	900	10.8	3.2	Good	Good	High	Removed in Demolition
575	*Eucalyptus microcorys*	1	-	21	10	400	4.8	2.3	Good	Fair	High	Removed in Demolition
576	*Eucalyptus robusta*	1	-	19	12	850	10.2	3.1	Good	Fair	High	Removed in Demolition
577	*Eucalyptus robusta*	1	-	9	6	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
578	*Eucalyptus microcorys*	1	-	18	6	300	3.6	2	Fair	Fair	Medium	Removed in Demolition
579	*Eucalyptus microcorys*	1	-	16	6	300	3.6	2	Fair	Fair	Medium	High Impact
580	*Eucalyptus eugenioides*	1	-	21	10	450	5.4	2.4	Fair	Fair	High	High Impact
581	*Archontophoenix alexandrae*	1	-	15	6	250	3	1.8	Good	Good	Medium	High Impact
582	*Eucalyptus sp.*	1	-	16	8	300	3.6	2	Fair	Fair	Medium	High Impact
583	*Eucalyptus sp.*	1	-	20	5	300	3.6	2	Fair	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
584	*Eucalyptus microcorys*	1	-	20	6	300	3.6	2	Good	Good	High	Removed in Demolition
585	*Archontophoenix alexandrae*	2	-	16	6	300	3.6	2	Good	Good	Medium	Removed in Demolition
586	*Archontophoenix alexandrae*	2	-	13	5	300	3.6	2	Fair	Good	Low	Removed in Demolition
587	*Callistemon sp.*	1	-	5	4	200	2.4	1.7	Good	Fair	Medium	High Impact
588	*Callistemon sp.*	1	-	4	3	100	2	1.5	Good	Fair	Low	Removed in Demolition
589	*Unknown species*	1	-	4	2	100	2	1.5	Good	Fair	Low	Removed in Demolition
590	*Jasminum species*	1	-	7	4	200	2.4	1.7	Good	Fair	Low	Removed in Demolition
591	*Eucalyptus microcorys*	1	-	15	10	350	4.2	2.1	Poor	Fair	Low	Removed in Demolition
592	*Ligustrum sinense*	1	-	5	3	100	2	1.5	Fair	Poor	Low	Removed in Demolition
593	*Ligustrum lucidum*	1	-	9	5	200	2.4	1.7	Good	Fair	Low	Removed in Demolition
594	*Callistemon viminalis*	1	-	3	3	100	2	1.5	Fair	Poor	Low	Removed in Demolition
595	*Robinia pseudoacacia*	1	-	7	4	200	2.4	1.7	Good	Fair	Low	Removed in Demolition
596	*Eucalyptus microcorys*	1	-	25	10	1000	12	3.3	Good	Good	High	Removed in Demolition
597	*Callistemon viminalis*	1	-	5	4	150	2	1.5	Good	Fair	Medium	Removed in Demolition
598	*Acer palmatum*	1	-	5	7	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
599	*Unknown species*	1	-	10	7	350	4.2	2.1	Fair	Fair	Medium	Removed in Demolition
600	*Eucalyptus elata*	1	-	8	10	850	10.2	3.1	Poor	Fair	Medium	Removed in Demolition
601	*Eucalyptus elata*	1	-	20	10	600	7.2	2.7	Fair	Fair	Medium	Removed in Demolition
602	*Syncarpia glomulifera*	1	-	12	7	350	4.2	2.1	Good	Good	High	Removed in Demolition
603	*Archontophoenix alexandrae*	1	-	13	5	250	3	1.8	Fair	Good	Low	Removed in Demolition
604	*Callistemon viminalis*	1	-	8	5	200	2.4	1.7	Fair	Fair	Medium	High Impact
605	*Eucalyptus microcorys*	1	-	15	8	700	8.4	2.8	Good	Fair	Medium	Removed in Demolition
606	*Phoenix canariensis*	1	-	5	6	500	6	2.5	Good	Good	Low	Removed in Demolition
607	*Ficus benjamina*	1	-	8	9	250	3	1.8	Good	Fair	Medium	High Impact
608	*Celtis australis*	1	-	8	7	300	3.6	2	Good	Fair	Low	Removed in Demolition
609	*Casuarina glauca*	1	-	16	7	350	4.2	2.1	Fair	Fair	Medium	Removed in Demolition
610	*Casuarina glauca*	1	-	14	6	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
611	*Corymbia eximia*	1	-	10	6	250	3	1.8	Good	Good	Medium	Removed in Demolition
612	*Eucalyptus elata*	1	-	15	8	400	4.8	2.3	Poor	Fair	Low	Removed in Demolition
613	*Fraxinus excelsior*	1	-	13	10	400	4.8	2.3	Good	Fair	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
614	*Fraxinus excelsior*	1	-	13	9	350	4.2	2.1	Fair	Fair	Medium	Removed in Demolition
615	*Melaleuca quinquenervia*	1	-	5	4	100	2	1.5	Fair	Fair	Low	Removed in Demolition
616	*Fraxinus excelsior*	1	-	14	8	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
617	*Melaleuca quinquenervia*	1	-	5	3	100	2	1.5	Fair	Fair	Medium	Removed in Demolition
618	*Eucalyptus elata*	1	-	20	12	600	7.2	2.7	Fair	Good	High	Removed in Demolition
619	*Casuarina glauca*	1	-	19	7	300	3.6	2	Fair	Fair	Medium	Removed in Demolition
620	*Juniperus sp.*	4	-	15	4	300	3.6	2	Good	Fair	Medium	Removed in Demolition
621	*Juniperus sp.*	1	-	17	6	350	4.2	2.1	Good	Good	Medium	Removed in Demolition
622	*Phoenix canariensis*	1	-	7	7	500	6	2.5	Good	Good	Low	Removed in Demolition
623	*Archontophoenix alexandrae*	1	-	12	6	300	3.6	2	Fair	Good	Medium	Removed in Demolition
624	*Syagrus romanzoffiana*	1	-	10	5	250	3	1.8	Good	Good	Medium	Removed in Demolition
625	*Washingtonia robusta*	1	-	7	6	300	3.6	2	Good	Good	Medium	Removed in Demolition
626	*Triadica sebifera*	1	-	10	6	200	2.4	1.7	Fair	Fair	Low	Removed in Demolition
627	*Archontophoenix alexandrae*	1	-	11	6	250	3	1.8	Fair	Good	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
628	*Euphorbia tirucalli*	1	-	5	4	150	2	1.5	Good	Fair	Low	Removed in Demolition
629	*Juniperus sp.*	1	-	15	5	350	4.2	2.1	Good	Fair	Medium	Removed in Demolition
630	*Pinus radiata*	1	-	13	5	350	4.2	2.1	Good	Fair	Medium	Removed in Demolition
631	*Juniperus sp.*	1	-	13	3	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
632	*Eucalyptus microcorys*	1	-	12	5	200	2.4	1.7	Fair	Poor	Low	High Impact
633	*Eucalyptus microcorys*	1	-	24	9	800	9.6	3	Good	Good	High	Removed in Demolition
634	*Angophora floribunda*	1	-	20	7	450	5.4	2.4	Fair	Fair	Medium	Removed in Demolition
635	*Callistemon viminalis*	1	-	7	4	150	2	1.5	Poor	Fair	Low	Removed in Demolition
636	*Angophora costata*	1	-	15	7	300	3.6	2	Good	Fair	High	Removed in Demolition
637	*Juniperus sp.*	2	-	13	5	250	3	1.8	Good	Good	Medium	Removed in Demolition
638	*Eucalyptus saligna*	1	-	25	10	550	6.6	2.6	Good	Good	High	Removed in Demolition
639	*Casuarina glauca*	1	-	12	4	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
640	*Callistemon viminalis*	1	-	4	3	100	2	1.5	Fair	Poor	Low	Removed in Demolition
641	*Archontophoenix alexandrae*	1	-	6	5	250	3	1.8	Fair	Good	Low	Removed in Demolition
642	*Eucalyptus microcorys*	1	-	19	9	350	4.2	2.1	Good	Good	High	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
643	*Eucalyptus microcorys*	1	-	19	8	350	4.2	2.1	Good	Good	High	Removed in Demolition
644	*Eucalyptus microcorys*	1	-	16	7	250	3	1.8	Good	Fair	Medium	Removed in Demolition
645	*Eucalyptus microcorys*	1	-	15	8	350	4.2	2.1	Good	Good	High	Removed in Demolition
646	*Eucalyptus microcorys*	1	-	15	7	250	3	1.8	Good	Good	High	Removed in Demolition
647	*Eucalyptus microcorys*	1	-	15	7	250	3	1.8	Good	Good	High	Removed in Demolition
648	*Unknown species*	1	-	4	4	100	2	1.5	Fair	Fair	Low	Removed in Demolition
649	*Angophora costata*	1	-	12	7	250	3	1.8	Good	Good	High	Removed in Demolition
650	*Angophora costata*	1	-	11	5	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
651	*Eucalyptus microcorys*	1	-	15	8	350	4.2	2.1	Good	Fair	High	Removed in Demolition
652	*Ligustrum lucidum*	1	-	8	5	150	2	1.5	Good	Fair	Low	Removed in Demolition
653	*Casuarina glauca*	1	-	18	6	250	3	1.8	Fair	Fair	High	High Impact
654	*Casuarina glauca*	1	-	18	5	250	3	1.8	Good	Fair	Medium	High Impact
655	*Casuarina glauca*	1	-	18	5	250	3	1.8	Fair	Fair	Medium	High Impact
656	*Eucalyptus microcorys*	1	-	18	7	350	4.2	2.1	Good	Good	High	High Impact
657	*Eucalyptus microcorys*	1	-	21	9	400	4.8	2.3	Good	Good	High	Removed in Demolition
658	*Eucalyptus microcorys*	1	-	18	6	200	2.4	1.7	Good	Fair	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
659	*Eucalyptus microcorys*	1	-	17	8	400	4.8	2.3	Good	Good	High	High Impact
660	*Eucalyptus microcorys*	1	-	21	10	350	4.2	2.1	Good	Good	High	High Impact
661	*Juniperus sp.*	1	-	16	6	350	4.2	2.1	Good	Fair	Medium	Removed in Demolition
662	*Eucalyptus microcorys*	1	-	17	10	350	4.2	2.1	Good	Fair	High	Removed in Demolition
663	*Eucalyptus microcorys*	1	-	21	10	300	3.6	2	Good	Good	High	Removed in Demolition
664	*Casuarina glauca*	1	-	18	5	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
665	*Eucalyptus microcorys*	1	-	20	9	350	4.2	2.1	Good	Good	High	High Impact
666	*Casuarina glauca*	1	-	20	6	300	3.6	2	Fair	Fair	Medium	High Impact
667	*Juniperus sp.*	1	-	11	7	300	3.6	2	Good	Fair	Medium	Removed in Demolition
668	*Eucalyptus microcorys*	1	-	18	10	350	4.2	2.1	Good	Good	High	Removed in Demolition
669	*Eucalyptus microcorys*	1	-	19	10	350	4.2	2.1	Good	Good	High	Removed in Demolition
670	*Eucalyptus microcorys*	1	-	19	8	350	4.2	2.1	Good	Good	High	Removed in Demolition
671	*Angophora costata*	1	-	12	6	250	3	1.8	Good	Fair	Medium	Removed in Demolition
672	*Angophora costata*	1	-	14	7	350	4.2	2.1	Good	Good	High	Removed in Demolition
673	*Eucalyptus robusta*	1	-	13	5	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
674	*Eucalyptus robusta*	1	-	9	6	200	2.4	1.7	Fair	Fair	Medium	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
675	*Casuarina glauca*	1	-	17	7	350	4.2	2.1	Fair	Fair	Medium	Removed in Demolition
676	*Eucalyptus microcorys*	1	-	18	9	350	4.2	2.1	Good	Good	High	Removed in Demolition
677	*Eucalyptus microcorys*	1	-	18	8	300	3.6	2	Good	Fair	High	Removed in Demolition
678	*Casuarina glauca*	1	-	20	7	350	4.2	2.1	Good	Good	High	Removed in Demolition
679	*Celtis australis*	1	-	7	5	200	2.4	1.7	Good	Fair	Low	High Impact
680	*Celtis australis*	1	-	7	5	200	2.4	1.7	Poor	Fair	Low	High Impact
681	*Celtis australis*	1	-	6	4	200	2.4	1.7	Fair	Fair	Low	High Impact
682	*Celtis australis*	1	-	7	5	200	2.4	1.7	Good	Fair	Low	Removed in Demolition
683	*Jasminum species*	3	-	6	3	150	2	1.5	Good	Fair	Low	High Impact
684	*Ligustrum lucidum*	1	-	8	5	200	2.4	1.7	Good	Poor	Low	Removed in Demolition
685	*Celtis australis*	1	-	8	6	300	3.6	2	Good	Fair	Low	Removed in Demolition
686	*Casuarina glauca*	1	-	18	5	300	3.6	2	Good	Fair	High	Removed in Demolition
687	*Casuarina glauca*	1	-	18	5	250	3	1.8	Fair	Good	High	Removed in Demolition
688	*Casuarina glauca*	2	-	16	3	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
689	*Phoenix canariensis*	1	-	6	5	400	4.8	2.3	Good	Good	Low	Removed in Demolition
690	*Eucalyptus robusta*	1	-	19	6	400	4.8	2.3	Fair	Good	High	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
691	*Casuarina glauca*	1	-	16	5	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
692	*Casuarina glauca*	1	-	16	5	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
693	*Casuarina glauca*	1	-	17	4	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
694	*Casuarina glauca*	1	-	18	4	200	2.4	1.7	Fair	Good	High	Removed in Demolition
695	*Casuarina glauca*	1	-	19	5	250	3	1.8	Good	Good	High	Removed in Demolition
696	*Casuarina glauca*	1	-	20	4	250	3	1.8	Good	Good	High	Removed in Demolition
697	*Casuarina glauca*	1	-	20	5	250	3	1.8	Good	Fair	High	Removed in Demolition
698	*Casuarina glauca*	1	-	16	3	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
699	*Casuarina glauca*	1	-	16	3	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
700	*Casuarina glauca*	1	-	18	3	200	2.4	1.7	Fair	Fair	Medium	High Impact
701	*Casuarina glauca*	2	-	13	4	150	2	1.5	Poor	Poor	Low	High Impact
702	*Eucalyptus robusta*	1	-	18	7	350	4.2	2.1	Fair	Good	High	Removed in Demolition
703	*Eucalyptus robusta*	1	-	18	6	350	4.2	2.1	Fair	Good	High	Removed in Demolition
704	*Syzygium australe*	1	-	8	6	250	3	1.8	Good	Fair	Medium	High Impact
705	*Callistemon viminalis*	1	-	6	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
706	*Acacia elata*	1	-	6	1	100	2	1.5	Fair	Fair	Low	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
707	*Jacaranda mimosifolia*	1	-	7	5	300	3.6	2	Fair	Fair	Medium	High Impact
708	*Cupressus sempervirens*	1	-	9	3	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition
709	*Acacia sp.*	1	-	9	3	200	2.4	1.7	Fair	Fair	Medium	No Impact
710	*Eucalyptus microcorys*	1	-	25	10	850	10.2	3.1	Good	Good	High	High Impact
711	*Acacia sp.*	1	-	6	3	100	2	1.5	Fair	Fair	Medium	No Impact
712	*Eucalyptus microcorys*	1	-	25	11	750	9	2.9	Good	Good	High	Removed in Demolition
713	*Acacia sp.*	1	437	10	4	200	2.4	1.7	Poor	Fair	Low	Removed in Demolition
714	*Corymbia eximia*	1	-	5	3	150	2	1.5	Fair	Fair	Medium	No Impact
715	*Eucalyptus microcorys*	1	-	25	12	1000	12	3.3	Good	Good	High	High Impact
716	*Eucalyptus microcorys*	1	-	16	6	400	4.8	2.3	Poor	Fair	Low	High Impact
717	*Eucalyptus sp.*	1	-	20	10	400	4.8	2.3	Good	Good	High	Low Impact
718	*Eucalyptus saligna*	1	-	9	7	250	3	1.8	Fair	Fair	Medium	No Impact
719	*Eucalyptus saligna*	1	432	6	4	150	2	1.5	Fair	Fair	Medium	No Impact
720	*Eucalyptus saligna*	1	431	25	10	650	7.8	2.8	Good	Good	High	High Impact
721	*Casuarina glauca*	2	-	6	3	100	2	1.5	Fair	Fair	Medium	No Impact
722	*Corymbia maculata*	1	430	13	3	200	2.4	1.7	Good	Fair	Medium	No Impact
723	*Eucalyptus pilularis*	1	-	15	5	250	3	1.8	Good	Fair	High	No Impact
724	*Eucalyptus microcorys*	1	-	18	5	300	3.6	2	Good	Fair	High	No Impact
725	*Casuarina glauca*	1	423	11	3	150	2	1.5	Fair	Fair	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
726	*Eucalyptus fibrosa*	1	-	13	6	250	3	1.8	Fair	Fair	Medium	No Impact
727	*Eucalyptus saligna*	1	425	27	13	450	5.4	2.4	Good	Good	High	High Impact
728	*Eucalyptus saligna*	1	424	28	11	450	5.4	2.4	Good	Good	High	High Impact
729	*Eucalyptus microcorys*	1	-	9	3	150	2	1.5	Poor	Poor	Low	Removed in Demolition
730	*Eucalyptus pilularis*	1	-	12	2	150	2	1.5	Fair	Fair	Medium	High Impact
731	*Eucalyptus pilularis*	1	-	13	3	200	2.4	1.7	Fair	Fair	Medium	High Impact
732	*Eucalyptus pilularis*	1	-	13	6	250	3	1.8	Fair	Fair	Medium	High Impact
733	*Eucalyptus microcorys*	1	-	16	7	350	4.2	2.1	Good	Fair	High	High Impact
734	*Eucalyptus microcorys*	1	-	12	7	250	3	1.8	Fair	Fair	Medium	High Impact
735	*Eucalyptus pilularis*	1	-	15	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
736	*Eucalyptus robusta*	1	-	15	8	350	4.2	2.1	Good	Fair	High	High Impact
737	*Eucalyptus robusta*	1	-	15	7	300	3.6	2	Good	Good	High	High Impact
738	*Eucalyptus obliqua*	1	-	16	13	850	10.2	3.1	Fair	Fair	High	High Impact
739	*Eucalyptus microcorys*	1	-	15	12	350	4.2	2.1	Good	Fair	High	High Impact
740	*Eucalyptus robusta*	1	-	18	6	300	3.6	2	Good	Good	High	Removed in Demolition
741	*Eucalyptus robusta*	1	-	20	6	350	4.2	2.1	Good	Good	High	High Impact
742	*Eucalyptus pilularis*	1	-	9	5	150	2	1.5	Fair	Fair	Medium	High Impact
743	*Eucalyptus robusta*	1	-	16	4	250	3	1.8	Good	Fair	High	High Impact
744	*Eucalyptus robusta*	1	-	14	8	400	4.8	2.3	Good	Fair	High	High Impact
745	*Eucalyptus robusta*	1	-	16	9	350	4.2	2.1	Good	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
746	*Angophora costata*	1	-	14	7	250	3	1.8	Fair	Fair	Medium	High Impact
747	*Eucalyptus sp.*	1	-	5	2	100	2	1.5	Poor	Poor	Low	High Impact
748	*Eucalyptus punctata*	1	-	20	8	400	4.8	2.3	Good	Good	High	High Impact
749	*Eucalyptus punctata*	1	-	16	7	300	3.6	2	Good	Fair	High	High Impact
750	*Eucalyptus punctata*	1	-	20	9	350	4.2	2.1	Good	Good	High	High Impact
751	*Eucalyptus punctata*	2	-	15	4	250	3	1.8	Fair	Fair	Medium	High Impact
752	*Eucalyptus punctata*	1	-	19	8	350	4.2	2.1	Good	Good	High	High Impact
753	*Eucalyptus sp.*	1	-	14	7	250	3	1.8	Fair	Fair	Medium	High Impact
754	*Eucalyptus robusta*	1	-	15	8	250	3	1.8	Good	Good	High	High Impact
755	*Eucalyptus robusta*	1	-	13	6	250	3	1.8	Fair	Good	High	High Impact
756	*Juniperus sp.*	1	-	10	4	200	2.4	1.7	Good	Good	Medium	Removed in Demolition
757	*Eucalyptus robusta*	1	-	9	4	150	2	1.5	Fair	Fair	Medium	High Impact
758	*Eucalyptus sp.*	1	-	16	6	300	3.6	2	Fair	Good	High	High Impact
759	*Eucalyptus robusta*	1	-	15	7	250	3	1.8	Good	Good	High	High Impact
760	*Eucalyptus robusta*	1	-	10	8	250	3	1.8	Fair	Fair	Medium	High Impact
761	*Eucalyptus sp.*	1	-	14	9	350	4.2	2.1	Poor	Poor	Low	High Impact
762	*Eucalyptus sp.*	1	-	13	7	250	3	1.8	Fair	Fair	Medium	High Impact
763	*Eucalyptus paniculata*	1	-	16	6	250	3	1.8	Good	Fair	Medium	Removed in Demolition
764	*Eucalyptus robusta*	1	-	14	7	300	3.6	2	Fair	Fair	Medium	High Impact
765	*Eucalyptus robusta*	1	-	15	6	250	3	1.8	Good	Fair	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
766	*Eucalyptus robusta*	1	-	15	8	250	3	1.8	Good	Good	High	High Impact
767	*Eucalyptus scoparia*	1	-	7	5	250	3	1.8	Fair	Fair	Medium	High Impact
768	*Eucalyptus punctata*	1	-	9	10	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
769	*Eucalyptus punctata*	1	-	20	11	550	6.6	2.6	Good	Good	High	High Impact
770	*Eucalyptus pilularis*	1	-	9	5	150	2	1.5	Fair	Fair	Medium	Removed in Demolition
771	*Eucalyptus pilularis*	1	-	20	11	300	3.6	2	Fair	Fair	High	Removed in Demolition
772	*Eucalyptus punctata*	1	-	18	7	300	3.6	2	Poor	Fair	Low	High Impact
773	*Eucalyptus punctata*	1	-	20	6	300	3.6	2	Good	Good	High	High Impact
774	*Eucalyptus pilularis*	1	-	10	5	250	3	1.8	Good	Fair	Medium	Removed in Demolition
775	*Eucalyptus pilularis*	1	-	9	4	200	2.4	1.7	Poor	Poor	Low	Removed in Demolition
776	*Eucalyptus pilularis*	1	-	9	4	150	2	1.5	Fair	Poor	Low	Removed in Demolition
777	*Angophora costata*	1	-	12	4	200	2.4	1.7	Fair	Fair	Medium	High Impact
778	*Eucalyptus robusta*	1	547	20	10	350	4.2	2.1	Good	Fair	High	Removed in Demolition
779	*Eucalyptus robusta*	1	546	18	9	350	4.2	2.1	Good	Fair	High	Removed in Demolition
780	*Eucalyptus punctata*	1	548	20	6	250	3	1.8	Fair	Fair	Medium	Removed in Demolition
781	*Eucalyptus robusta*	1	-	18	5	250	3	1.8	Good	Fair	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
782	*Eucalyptus robusta*	1	-	16	5	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
783	*Eucalyptus robusta*	1	-	17	4	200	2.4	1.7	Fair	Fair	Medium	High Impact
784	*Fraxinus excelsior*	1	-	12	6	200	2.4	1.7	Good	Fair	Medium	High Impact
785	*Triadica sebifera*	1	-	12	5	200	2.4	1.7	Fair	Fair	Low	Removed in Demolition
786	*Triadica sebifera*	1	-	12	6	250	3	1.8	Fair	Fair	Low	Removed in Demolition
787	*Fraxinus excelsior*	1	-	11	6	300	3.6	2	Good	Fair	Medium	Removed in Demolition
788	*Fraxinus excelsior*	1	-	15	6	250	3	1.8	Good	Fair	Medium	Removed in Demolition
789	*Fraxinus excelsior*	1	-	13	6	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
790	*Eucalyptus sclerophylla*	1	-	18	8	500	6	2.5	Fair	Fair	High	Removed in Demolition
791	*Triadica sebifera*	1	-	14	7	300	3.6	2	Fair	Fair	Medium	Removed in Demolition
793	*Fraxinus excelsior*	1	-	12	8	300	3.6	2	Good	Fair	Medium	Removed in Demolition
794	*Ligustrum sinense*	1	-	10	4	200	2.4	1.7	Good	Fair	Low	Removed in Demolition
795	*Triadica sebifera*	1	-	12	3	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
796	*Eucalyptus robusta*	1	-	17	7	250	3	1.8	Good	Fair	High	Removed in Demolition
797	*Triadica sebifera*	1	-	12	6	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
798	*Triadica sebifera*	1	-	13	5	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
799	*Ligustrum lucidum*	1	-	13	4	150	2	1.5	Fair	Fair	Low	Removed in Demolition
800	*Triadica sebifera*	1	-	15	7	350	4.2	2.1	Fair	Fair	Medium	Removed in Demolition
801	*Triadica sebifera*	1	-	12	4	200	2.4	1.7	Fair	Fair	Medium	Removed in Demolition
802	*Ligustrum lucidum*	1	-	15	5	200	2.4	1.7	Fair	Fair	Low	Removed in Demolition
803	*Syzygium sp.*	1	-	11	5	200	2.4	1.7	Good	Fair	Medium	Removed in Demolition
803	*Triadica sebifera*	1	-	15	6	350	4.2	2.1	Fair	Fair	Medium	Removed in Demolition
804	*Triadica sebifera*	1	-	13	5	300	3.6	2	Fair	Fair	Medium	Removed in Demolition
805	*Cyathea species*	1	-	7	2	100	2	1.5	Good	Good	Medium	Removed in Demolition
806	*Fraxinus excelsior*	1	-	20	10	350	4.2	2.1	Good	Fair	High	Removed in Demolition
807	*Ligustrum sinense*	1	-	10	2	150	2	1.5	Fair	Fair	Low	Removed in Demolition
808	*Fraxinus excelsior*	1	-	10	8	200	2.4	1.7	Fair	Poor	Low	Removed in Demolition
809	*Morus species*	1	-	6	3	100	2	1.5	Poor	Poor	Low	Removed in Demolition
810	*Schefflera actinophylla*	1	-	12	2	150	2	1.5	Fair	Fair	Low	Removed in Demolition

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
811	*Triadica sebifera*	1	-	9	6	100	2	1.5	Fair	Fair	Medium	Removed in Demolition
812	*Tibouchina species*	1	-	5	4	100	2	1.5	Fair	Poor	Low	Removed in Demolition
813	*Fraxinus excelsior*	1	-	12	7	300	3.6	2	Good	Fair	Medium	Removed in Demolition
814	*Triadica sebifera*	1	-	10	4	200	2.4	1.7	Poor	Fair	Low	Removed in Demolition
815	*Unknown species*	1	-	5	6	100	2	1.5	Fair	Poor	Low	No Impact
816	*Jasminum species*	1	-	7	2	100	2	1.5	Good	Fair	Medium	No Impact
817	*Pittosporum undulatum*	1	-	6	6	150	2	1.5	Fair	Fair	Medium	No Impact
818	*Acer negundo*	1	-	12	10	300	3.6	2	Good	Fair	Medium	No Impact
819	*Tristaniopsis laurina*	1	-	7	4	100	2	1.5	Fair	Fair	Medium	No Impact
820	*Callistemon viminalis*	1	-	7	5	100	2	1.5	Fair	Fair	Medium	No Impact
821	*Eucalyptus microcorys*	1	-	22	7	300	3.6	2	Good	Good	High	No Impact
822	*Eucalyptus microcorys*	1	-	12	3	100	2	1.5	Fair	Fair	Medium	No Impact
823	*Corymbia maculata*	1	-	22	4	250	3	1.8	Fair	Fair	High	No Impact
824	*Eucalyptus microcorys*	1	-	25	7	350	4.2	2.1	Good	Good	High	No Impact
825	*Callistemon viminalis*	1	-	6	5	100	2	1.5	Fair	Fair	Medium	No Impact
826	*Tristaniopsis laurina*	1	-	7	3	100	2	1.5	Fair	Fair	Medium	No Impact
827	*Angophora costata*	1	-	19	4	150	2	1.5	Good	Good	High	No Impact
828	*Eucalyptus microcorys*	1	-	22	8	300	3.6	2	Good	Good	High	No Impact
829	*Banksia integrifolia*	1	-	9	3	100	2	1.5	Fair	Fair	Medium	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
830	*Angophora costata*	1	-	14	1	100	2	1.5	Fair	Fair	Medium	No Impact
831	*Eucalyptus microcorys*	1	-	18	6	200	2.4	1.7	Good	Good	High	No Impact
832	*Eucalyptus microcorys*	1	-	16	3	150	2	1.5	Fair	Fair	High	No Impact
833	*Eucalyptus microcorys*	1	-	9	2	100	2	1.5	Fair	Fair	Medium	No Impact
834	*Tristaniopsis laurina*	1	-	9	3	100	2	1.5	Fair	Fair	Medium	No Impact
835	*Eucalyptus microcorys*	1	-	24	7	300	3.6	2	Good	Good	High	No Impact
836	*Eucalyptus microcorys*	1	-	10	3	150	2	1.5	Fair	Fair	Medium	No Impact
837	*Melia azedarach*	1	-	14	7	300	3.6	2	Good	Fair	High	No Impact
838	*Callistemon viminalis*	1	-	3	3	100	2	1.5	Fair	Fair	Medium	No Impact
839	*Banksia integrifolia*	1	-	6	2	100	2	1.5	Fair	Fair	Medium	No Impact
840	*Callistemon viminalis*	1	-	5	4	100	2	1.5	Fair	Fair	Medium	No Impact
841	*Eucalyptus microcorys*	1	-	24	6	300	3.6	2	Good	Good	High	No Impact
842	*Ligustrum sinense*	1	-	4	4	100	2	1.5	Fair	Poor	Low	No Impact
843	*Angophora costata*	1	-	19	5	250	3	1.8	Fair	Good	High	No Impact
844	*Eucalyptus microcorys*	1	-	19	5	150	2	1.5	Good	Fair	Medium	No Impact
845	*Angophora costata*	1	-	15	5	150	2	1.5	Fair	Fair	Medium	No Impact
846	*Tristaniopsis laurina*	1	-	6	2	100	2	1.5	Good	Fair	Medium	No Impact
847	*Syncarpia glomulifera*	1	-	18	9	800	9.6	3	Good	Fair	High	No Impact
848	*Angophora costata*	1	-	15	5	300	3.6	2	Fair	Good	High	No Impact
849	*Angophora costata*	1	-	16	4	300	3.6	2	Good	Good	High	No Impact
850	*Banksia integrifolia*	1	-	12	5	150	2	1.5	Fair	Fair	Medium	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
851	*Eucalyptus sp.*	1	-	8	5	150	2	1.5	Fair	Fair	Medium	No Impact
852	*Tristaniopsis laurina*	4	-	6	4	150	2	1.5	Good	Fair	Medium	No Impact
853	*Tristaniopsis laurina*	3	-	6	3	100	2	1.5	Good	Fair	Medium	No Impact
854	*Tristaniopsis laurina*	4	-	5	3	100	2	1.5	Fair	Fair	Medium	No Impact
855	*Banksia integrifolia*	1	-	6	4	150	2	1.5	Good	Fair	Medium	No Impact
856	*Stenocarpus sinuatus*	1	-	5	2	100	2	1.5	Fair	Fair	Medium	No Impact
857	*Tristaniopsis laurina*	1	-	6	2	100	2	1.5	Fair	Fair	Medium	No Impact
858	*Acacia sp.*	1	-	10	7	250	3	1.8	Good	Good	High	No Impact
859	*Ligustrum lucidum*	1	-	7	3	100	2	1.5	Fair	Fair	Low	No Impact
860	*Triadica sebifera*	1	-	22	9	1100	13.2	3.4	Fair	Fair	Medium	Medium Impact
861	*Tristaniopsis laurina*	1	-	4	3	150	2	1.5	Good	Fair	Medium	No Impact
862	*Tristaniopsis laurina*	1	-	3	1	100	2	1.5	Poor	Fair	Low	No Impact
863	*Angophora costata*	1	-	23	9	400	4.8	2.3	Good	Good	High	No Impact
864	*Callistemon viminalis*	1	-	6	4	100	2	1.5	Fair	Fair	Medium	No Impact
865	*Tristaniopsis laurina*	1	-	2	2	100	2	1.5	Poor	Poor	Low	No Impact
866	*Callistemon viminalis*	1	-	5	4	100	2	1.5	Poor	Fair	Low	No Impact
867	*Unknown species*	1	-	5	3	100	2	1.5	Fair	Fair	Medium	No Impact
868	*Lophostemon confertus*	1	-	14	8	300	3.6	2	Good	Fair	High	No Impact
869	*Cupaniopsis anacardioides*	1	-	8	7	200	2.4	1.7	Good	Fair	Medium	No Impact
870	*Lophostemon confertus*	1	-	20	7	400	4.8	2.3	Good	Good	High	No Impact
871	*Acer negundo*	1	-	10	8	200	2.4	1.7	Good	Fair	Medium	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
872	*Pittosporum undulatum*	1	-	8	5	150	2	1.5	Fair	Fair	Medium	No Impact
873	*Lophostemon confertus*	1	-	22	8	400	4.8	2.3	Fair	Good	High	No Impact
874	*Eucalyptus robusta*	1	458	22	10	400	4.8	2.3	Fair	Fair	High	High Impact
875	*Casuarina glauca*	1	457	20	7	400	4.8	2.3	Good	Fair	High	High Impact
876	*Casuarina glauca*	1	456	20	5	300	3.6	2	Fair	Good	High	High Impact
877	*Casuarina glauca*	1	451	20	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
878	*Angophora costata*	1	446	15	6	250	3	1.8	Fair	Good	High	Low Impact
879	*Angophora costata*	1	447	15	6	250	3	1.8	Fair	Good	High	No Impact
880	*Acacia sp.*	1	448	7	8	150	2	1.5	Good	Fair	High	No Impact
881	*Angophora costata*	1	449	13	2	150	2	1.5	Fair	Fair	Medium	No Impact
882	*Angophora costata*	1	450	17	5	200	2.4	1.7	Fair	Good	High	Medium Impact
883	*Angophora costata*	1	-	13	2	150	2	1.5	Fair	Fair	Medium	No Impact
884	*Eucalyptus tereticornis*	1	444	27	9	900	10.8	3.2	Good	Good	High	Medium Impact
885	*Eucalyptus tereticornis*	1	443	28	10	800	9.6	3	Good	Good	High	Medium Impact
886	*Acacia baileyana*	1	-	18	9	500	6	2.5	Good	Fair	High	Low Impact
887	*Eucalyptus sp.*	2	-	12	7	150	2	1.5	Poor	Poor	Low	No Impact
888	*Cinnamomum camphora*	1	-	10	5	350	4.2	2.1	Poor	Fair	Low	No Impact
889	*Eucalyptus eugenioides*	1	-	17	7	350	4.2	2.1	Good	Fair	High	No Impact
890	*Eucalyptus saligna*	1	-	20	7	300	3.6	2	Good	Fair	High	No Impact
891	*Eucalyptus saligna*	1	-	18	5	350	4.2	2.1	Good	Fair	High	No Impact
892	*Eucalyptus saligna*	1	-	17	5	300	3.6	2	Good	Fair	High	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
893	*Eucalyptus saligna*	1	-	20	7	350	4.2	2.1	Good	Good	High	No Impact
894	*Eucalyptus saligna*	1	-	21	8	400	4.8	2.3	Good	Good	High	No Impact
895	*Eucalyptus saligna*	1	-	22	6	300	3.6	2	Good	Good	High	No Impact
896	*Eucalyptus saligna*	1	-	20	7	300	3.6	2	Good	Good	High	No Impact
897	*Eucalyptus saligna*	1	-	20	6	300	3.6	2	Good	Good	High	No Impact
898	*Eucalyptus saligna*	1	-	19	5	250	3	1.8	Good	Fair	High	No Impact
899	*Eucalyptus saligna*	1	-	21	7	300	3.6	2	Good	Good	High	No Impact
900	*Lophostemon confertus*	1	-	14	8	400	4.8	2.3	Good	Good	High	No Impact
901	*Lophostemon confertus*	1	-	10	8	350	4.2	2.1	Fair	Fair	Medium	No Impact
902	*Ligustrum sp.*	1	-	9	5	300	3.6	2	Good	Fair	Low	No Impact
903	*Acer negundo*	1	-	10	7	300	3.6	2	Fair	Fair	Low	No Impact
904	*Erythrina crista - galli*	1	-	9	6	300	3.6	2	Fair	Fair	Low	No Impact
905	*Erythrina crista - galli*	1	-	7	4	350	4.2	2.1	Fair	Poor	Low	No Impact
906	*Acer negundo*	1	-	10	10	350	4.2	2.1	Fair	Fair	Low	No Impact
907	*Casuarina glauca*	1	-	15	7	350	4.2	2.1	Good	Fair	High	Low Impact
908	*Casuarina glauca*	1	-	18	6	300	3.6	2	Good	Good	High	No Impact
909	*Casuarina glauca*	1	-	18	5	300	3.6	2	Good	Fair	High	No Impact
910	*Casuarina glauca*	1	-	16	4	250	3	1.8	Good	Fair	High	No Impact
911	*Angophora costata*	1	-	15	8	400	4.8	2.3	Good	Good	High	High Impact
912	*Melaleuca alternifolia*	1	-	6	6	300	3.6	2	Good	Fair	Medium	High Impact
913	*Angophora costata*	1	-	17	5	300	3.6	2	Good	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
914	*Angophora costata*	1	-	18	7	350	4.2	2.1	Good	Fair	High	High Impact
915	*Angophora costata*	1	-	17	6	300	3.6	2	Good	Fair	High	High Impact
916	*Angophora costata*	1	-	15	4	250	3	1.8	Good	Fair	High	High Impact
917	*Casuarina glauca*	1	-	16	2	300	3.6	2	Good	Fair	High	High Impact
918	*Angophora costata*	1	-	16	4	250	3	1.8	Good	Good	High	Low Impact
919	*Angophora costata*	1	-	14	6	200	2.4	1.7	Good	Good	High	No Impact
920	*Angophora costata*	1	-	15	8	200	2.4	1.7	Good	Good	High	No Impact
921	*Angophora costata*	1	-	13	6	350	4.2	2.1	Good	Fair	High	Low Impact
922	*Angophora costata*	1	-	13	4	250	3	1.8	Good	Fair	High	Low Impact
923	*Melaleuca alternifolia*	1	-	5	5	200	2.4	1.7	Good	Fair	Medium	High Impact
924	*Angophora costata*	1	-	14	5	250	3	1.8	Good	Fair	High	High Impact
925	*Angophora costata*	1	-	10	5	200	2.4	1.7	Good	Fair	High	High Impact
926	*Eucalyptus sp.*	1	-	18	9	350	4.2	2.1	Good	Good	High	No Impact
927	*Angophora costata*	1	-	7	7	300	3.6	2	Fair	Fair	Medium	No Impact
928	*Lophostemon confertus*	1	-	10	4	600	7.2	2.7	Good	Good	High	High Impact
929	*Lophostemon confertus*	1	-	10	3	650	7.8	2.8	Good	Good	Medium	High Impact
930	*Lophostemon confertus*	1	-	10	3	450	5.4	2.4	Fair	Fair	Medium	High Impact
931	*Corymbia citriodora*	1	-	12	10	500	6	2.5	Fair	Fair	Medium	High Impact
932	*Corymbia citriodora*	1	-	11	4	500	6	2.5	Fair	Good	Medium	High Impact
933	*Pittosporum undulatum*	1	-	5	3	250	3	1.8	Fair	Fair	Low	Medium Impact
934	*Lophostemon confertus*	1	-	10	3	650	7.8	2.8	Good	Good	Medium	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
935	*Eucalyptus microcorys*	1	-	14	7	650	7.8	2.8	Good	Good	Medium	High Impact
936	*Ficus microcarpa*	1	-	11	10	750	9	2.9	Good	Good	High	High Impact
937	*Corymbia maculata*	1	-	8	3	350	4.2	2.1	Poor	Fair	Low	High Impact
938	*Eucalyptus microcorys*	1	-	13	7	500	6	2.5	Good	Good	Medium	Low Impact
939	*Casuarina cunninghamiana*	1	-	12	3	300	3.6	2	Good	Fair	Low	High Impact
940	*Corymbia maculata*	1	-	15	6	400	4.8	2.3	Good	Good	Medium	No Impact
941	*Casuarina cunninghamiana*	1	-	16	5	400	4.8	2.3	Good	Good	Medium	High Impact
942	*Corymbia maculata*	1	-	10	3	300	3.6	2	Fair	Fair	Low	Low Impact
943	*Angophora costata*	1	-	10	6	600	7.2	2.7	Fair	Good	Medium	No Impact
944	*Eucalyptus pilularis*	1	-	30	12	1000	12	3.3	Good	Good	High	High Impact
945	*Eucalyptus pilularis*	1	-	20	10	800	9.6	3	Good	Good	Medium	No Impact
946	*Corymbia maculata*	1	-	10	7	300	3.6	2	Good	Good	Medium	No Impact
947	*Eucalyptus saligna*	1	-	15	6	650	7.8	2.8	Good	Good	High	No Impact
948	*Eucalyptus sp.*	1	-	20	5	600	7.2	2.7	Fair	Good	Medium	High Impact
949	*Corymbia maculata*	1	-	12	5	400	4.8	2.3	Fair	Fair	Low	No Impact
950	*Eucalyptus botryoides*	1	-	10	5	400	4.8	2.3	Poor	Fair	Low	Low Impact
951	*Casuarina cunninghamiana*	1	-	12	3	350	4.2	2.1	Fair	Fair	Medium	No Impact
952	*Unknown species*	1	-	16	5	1100	13.2	3.4	Poor	Poor	Low	High Impact
953	*Eucalyptus sp.*	1	-	12	4	350	4.2	2.1	Good	Fair	Low	No Impact
954	*Eucalyptus saligna*	1	-	14	5	550	6.6	2.6	Good	Good	High	No Impact
955	*Eucalyptus sp.*	1	-	12	5	550	6.6	2.6	Good	Good	Medium	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
956	*Melaluca Spp.*	1	-	6	3	300	3.6	2	Good	Poor	Medium	High Impact
957	*Melaluca Spp.*	1	-	6	3	300	3.6	2	Good	Poor	Medium	High Impact
958	*Melaluca*	1	-	6	3	300	3.6	2	Good	Poor	Medium	High Impact
959	*Melaluca Spp.*	1	-	6	3	300	3.6	2	Good	Poor	Medium	High Impact
960	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
961	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
962	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Low Impact
963	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Low Impact
964	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
965	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
966	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
967	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
968	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
969	*Eucalyptus saligna*	1	60	15	6	350	4.2	2.1				No Impact
970	*Eucalyptus saligna*	1	60	15	6	350	4.2	2.1				No Impact
971	*Eucalyptus saligna*	1	60	15	6	350	4.2	2.1				No Impact
972	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
973	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
974	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
975	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
976	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
977	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
978	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
979	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
980	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
981	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
982	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Removed in Demolition
983	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Removed in Demolition
984	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Removed in Demolition
985	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Removed in Demolition
986	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Removed in Demolition
987	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Medium Impact
988	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
989	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
990	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
991	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
992	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
993	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
994	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
995	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
996	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
997	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
998	*Eucalyptus Spp.*	1	-	0	0	0	15	0				High Impact
999	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
1000	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
1001	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
1002	*Eucalyptus sp.*	1	50	12	4	350	4.2	2.1				No Impact
1003	*Eucalyptus sp.*	1	50	12	4	350	4.2	2.1				No Impact
1004	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
1005	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
1006	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
1007	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Low Impact
1008	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Low Impact
1009	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Low Impact
1010	*Unidentified*	1	-	-	-	-	15	-	-	-	-	No Impact
1011	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
1012	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
1013	*Unidentified*	1	-	-	-	-	15	-	-	-	-	High Impact
1014	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Medium Impact
1015	*Eucalyptus microcorys*	1	-	0	0	650	7.8	2.8	Good	Good	Medium	High Impact
1016	*Ficus microcarpa*	1	-	0	0	750	9	2.9	Good	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
1017	*Ficus microcarpa*	1	-	0	0	750	9	2.9	Good	Good	High	High Impact
1018	*Unidentified*	1	-	-	-	-	15	-	-	-	-	Medium Impact
1019	*Corymbia maculata*	1	65	8	3	350	4.2	2.1	Poor	Fair	Low	No Impact
1020	*Corymbia maculata*	1	65	8	3	350	4.2	2.1	Poor	Fair	Low	No Impact
1021	*Lophostemon confertus*	1	43	12	3	450	5.4	2.4	Fair	Fair	Medium	High Impact
1022	*Lophostemon confertus*	1	43	12	3	450	5.4	2.4	Fair	Fair	Medium	High Impact
1023	*Corymbia maculata*	1	300	15	8	200	2.4	1.7	Good	Good	High	High Impact
1024	*Corymbia maculata*	1	301	15	6	100	2	1.5	Good	Good	High	High Impact
1025	*Corymbia maculata*	1	302	17	4	150	2	1.5	Good	Good	High	High Impact
1026	*Corymbia maculata*	1	303	17	5	200	2.4	1.7	Good	Good	High	High Impact
1027	*Eucalyptus saligna*	1	304	18	7	250	3	1.8	Good	Good	High	High Impact
1028	*Allocasuarina littoralis*	1	305	7	2	100	2	1.5	Good	Good	High	High Impact
1029	*Allocasuarina littoralis*	1	306	17	3	100	2	1.5	Good	Good	High	High Impact
1030	*Eucalyptus saligna*	1	307	16	3	100	2	1.5	Good	Good	High	High Impact
1031	*Eucalyptus saligna*	1	308	18	4	200	2.4	1.7	Good	Good	High	High Impact
1032	*Eucalyptus saligna*	1	309	20	5	250	3	1.8	Good	Good	High	High Impact
1033	*Allocasuarina littoralis*	1	310	20	5	150	2	1.5	Good	Good	High	High Impact
1034	*Corymbia maculata*	1	311	18	4	10	2	1.5	Good	Good	High	High Impact
1035	*Corymbia maculata*	1	312	20	6	250	3	1.8	Good	Good	High	High Impact
1036	*Corymbia maculata*	1	313	22	6	400	4.8	2.3	Good	Good	High	High Impact
1037	*Eucalyptus saligna*	1	314	16	4	150	2	1.5	Good	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
1038	*Corymbia maculata*	1	315	19	5	200	2.4	1.7	Good	Good	High	High Impact
1039	*Corymbia maculata*	1	316	20	5	250	3	1.8	Good	Good	High	High Impact
1040	*Eucalyptus saligna*	1	317	15	3	100	2	1.5	Good	Good	High	No Impact
1041	*Corymbia maculata*	1	318	20	4	200	2.4	1.7	Good	Good	High	No Impact
1042	*Corymbia maculata*	1	319	22	6	250	3	1.8	Good	Good	High	No Impact
1043	*Corymbia maculata*	1	320	22	5	200	2.4	1.7	Good	Good	High	No Impact
1044	*Eucalyptus saligna*	1	321	15	4	100	2	1.5	Good	Good	High	No Impact
1045	*Corymbia maculata*	1	323	22	7	300	3.6	2	Good	Good	High	Low Impact
1046	*Eucalyptus saligna*	1	549	18	4	150	2	1.5			high	High Impact
1047	*Corymbia maculata*	1	324	20	4	200	2.4	1.7	Good	Good	High	Medium Impact
1048	*Corymbia maculata*	1	325	20	4	250	3	1.8	Good	Good	High	Low Impact
1049	*Corymbia maculata*	1	326	20	4	300	3.6	2	Good	Good	High	Medium Impact
1050	*Corymbia maculata*	1	326	20	4	300	3.6	2	Good	Good	High	High Impact
1051	*Corymbia maculata*	1	327	22	6	400	4.8	2.3	Good	Good	High	High Impact
1052	*Corymbia maculata*	1	328	20	6	200	2.4	1.7	Good	Good	High	High Impact
1053	*Eucalyptus saligna*	1	329	18	6	250	3	1.8	Good	Good	High	High Impact
1054	*Eucalyptus saligna*	1	330	18	4	150	2	1.5	Good	Good	High	High Impact
1055	*Corymbia maculata*	1	331	20	5	300	3.6	2	Good	Good	High	Medium Impact
1056	*Corymbia maculata*	1	332	20	4	150	2	1.5	Good	Good	High	Low Impact
1057	*Corymbia maculata*	1	333	20	7	400	4.8	2.3	Good	Good	High	Low Impact
1058	*Corymbia maculata*	1	334	20	4	300	3.6	2	Good	Good	High	Medium Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
1059	*Corymbia maculata*	1	335	16	3	100	2	1.5	Good	Good	High	Low Impact
1060	*Corymbia maculata*	1	336	20	6	400	4.8	2.3	Good	Good	High	Medium Impact
1061	*Eucalyptus punctata*	1	337	13	7	300	3.6	2.0	Fair	Fair	Low	High Impact
1062	*Eucalyptus punctata*	1	338	14	8	300	3.6	2.0	Fair	Fair	Low	High Impact
1063	*Corymbia maculata*	1	339	20	2	200	2.4	1.7	Good	Good	High	No Impact
1064	*Corymbia maculata*	1	340	20	4	200	2.4	1.7	Good	Good	High	No Impact
1065	*Corymbia maculata*	1	341	17	4	150	2	1.5	Good	Good	High	No Impact
1066	*Eucalyptus saligna*	1	342	17	4	100	2	1.5	Good	Good	High	No Impact
1067	*Corymbia maculata*	1	343	17	4	200	2.4	1.7	Good	Good	High	Low Impact
1068	*Eucalyptus saligna*	1	344	20	5	350	4.2	2.1	Good	Good	High	Medium Impact
1069	*Corymbia maculata*	1	345	20	4	350	4.2	2.1	Good	Good	High	Low Impact
1070	*Corymbia maculata*	1	346	20	4	150	2	1.5	Good	Good	High	No Impact
1071	*Corymbia maculata*	1	347	20	4	200	2.4	1.7	Good	Good	High	No Impact
1072	*Corymbia maculata*	1	348	17	4	100	2	1.5	Good	Good	High	No Impact
1073	*Corymbia maculata*	1	349	20	5	400	4.8	2.3	Good	Good	High	Low Impact
1074	*Corymbia maculata*	1	350	15	4	100	2	1.5	Good	Good	High	No Impact
1075	*Corymbia maculata*	1	351	20	6	300	3.6	2	Good	Good	High	No Impact
1076	*Unidentified*	1	352	-	-	-	15	-	-	-	-	High Impact
1077	*Unidentified*	1	353	-	-	-	15	-	-	-	-	High Impact
1078	*Unidentified*	1	354	-	-	-	15	-	-	-	-	High Impact
1079	*Eucalyptus saligna*	1	355	22	8	400	4.8	2.3	Good	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
1080	*Corymbia maculata*	1	356	20	6	250	3	1.8	Good	Good	High	Low Impact
1081	*Corymbia maculata*	1	357	20	6	350	4.2	2.1	Good	Good	High	High Impact
1082	*Corymbia maculata*	1	358	22	8	500	6	2.5	Good	Good	High	High Impact
1083	*Corymbia maculata*	1	359	18	4	250	3	1.8	Good	Good	High	No Impact
1084	*Corymbia maculata*	1	360	18	2	100	2	1.5	Good	Good	High	High Impact
1085	*Corymbia maculata*	1	361	18	4	100	2	1.5	Good	Good	High	Medium Impact
1086	*Corymbia maculata*	1	362	22	4	300	3.6	2	Good	Good	High	High Impact
1087	*Corymbia maculata*	1	363	20	6	200	2.4	1.7	Good	Good	High	No Impact
1088	*Corymbia maculata*	1	364	18	4	150	2	1.5	Good	Good	High	No Impact
1089	*Corymbia maculata*	1	365	22	4	300	3.6	2	Good	Good	High	Medium Impact
1090	*Corymbia maculata*	1	366	18	4	100	2	1.5	Good	Good	High	High Impact
1091	*Eucalyptus saligna*	1	367	18	4	200	2.4	1.7	Good	Good	High	No Impact
1092	*Eucalyptus saligna*	1	368	17	6	300	3.6	2	Good	Good	High	High Impact
1093	*Corymbia maculata*	1	369	18	4	100	2	1.5	Good	Good	High	Low Impact
1094	*Corymbia maculata*	1	370	22	6	350	4.2	2.1	Good	Good	High	High Impact
1095	*Eucalyptus saligna*	1	371	18	2	100	2	1.5	Good	Good	High	No Impact
1096	*Corymbia maculata*	1	372	18	4	150	2	1.5	Good	Good	High	Medium Impact
1097	*Corymbia maculata*	1	373	22	6	450	5.4	2.4	Good	Good	High	High Impact
1098	*Corymbia maculata*	1	374	18	3	150	2	1.5	Good	Good	High	No Impact
1099	*Corymbia maculata*	1	375	22	6	250	3	1.8	Good	Good	High	No Impact
1100	*Corymbia maculata*	1	376	20	6	300	3.6	2	Good	Good	High	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
1101	*Corymbia maculata*	1	377	22	4	250	3	1.8	Good	Good	High	No Impact
1102	*Eucalyptus saligna*	1	378	20	4	200	2.4	1.7	Good	Good	High	No Impact
1103	*Allocasuarina littoralis*	1	379	19	3	100	2	1.5	Good	Good	High	High Impact
1104	*Unidentified*	1	380	-	-	-	15	-	-	-	-	High Impact
1105	*Eucalyptus saligna*	1	381	22	6	400	4.8	2.3	Good	Good	High	Medium Impact
1106	*Eucalyptus saligna*	1	382	20	7	450	5.4	2.4	Good	Good	High	Medium Impact
1107	*Eucalyptus saligna*	1	383	20	9	600	7.2	2.7	Good	Good	High	High Impact
1108	*Eucalyptus saligna*	1	384	18	3	150	2	1.5	Good	Good	High	High Impact
1109	*Eucalyptus saligna*	1	385	18	3	150	2	1.5	Good	Good	High	High Impact
1110	*Unidentified*	1	386	-	-	-	15	-	-	-	-	High Impact
1111	*Allocasuarina littoralis*	1	387	19	4	150	2	1.5	Good	Good	High	High Impact
1112	*Eucalyptus saligna*	1	388	22	7	450	5.4	2.4	Good	Good	High	High Impact
1113	*Eucalyptus saligna*	1	389	20	3	100	2	1.5	Good	Good	High	Medium Impact
1114	*Eucalyptus saligna*	1	390	20	3	150	2	1.5	Fair	Fair	Medium	High Impact
1115	*Corymbia maculata*	1	400	15	5	300	3.6	2	Good	Fair	Medium	Low Impact
1116	*Corymbia maculata*	1	401	11	6	300	3.6	2	Good	Fair	Medium	High Impact
1117	*Corymbia maculata*	1	402	11	6	200	2.4	1.7	Fair	Fair	Medium	No Impact
1118	*Corymbia maculata*	1	403	15	8	350	4.2	2.1	Good	Fair	Medium	High Impact
1119	*Corymbia maculata*	1	404	18	7	300	3.6	2	Good	Fair	Medium	Low Impact
1120	*Corymbia maculata*	1	405	8	3	250	3	1.8	Poor	Poor	Low	Medium Impact
1121	*Corymbia maculata*	1	406	17	6	200	2.4	1.7	Fair	Poor	Low	No Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
1122	*Corymbia maculata*	1	407	18	9	400	4.8	2.3	Good	Fair	Medium	Medium Impact
1123	*Casuarina glauca*	1	408	9	3	200	2.4	1.7	Good	Fair	Low	High Impact
1124	*Corymbia maculata*	1	409	11	7	350	4.2	2.1	Good	Good	Medium	Low Impact
1125	*Unidentified*	1	410	-	-	-	15	-	-	-	-	High Impact
1126	*Eucalyptus saligna*	1	411	25	11	900	10.8	3.2	Good	Good	High	High Impact
1127	*Eucalyptus saligna*	1	412	13	5	400	4.8	2.3	Good	Poor	Low	Medium Impact
1128	*Syncarpia glomulifera*	1	413	8	4	200	2.4	1.7	Fair	Fair	Low	Low Impact
1129	*Corymbia maculata*	1	414	11	3	300	3.6	2	Fair	Fair	Low	Medium Impact
1130	*Unidentified*	1	415	-	-	-	15	-	-	-	-	High Impact
1131	*Casuarina cunninghamiana*	1	416	9	3	300	3.6	2	Poor	Poor	Low	Medium Impact
1132	*Eucalyptus sp.*	1	417	6	3	100	2	1.5	Poor	Fair	Low	Low Impact
1133	*Corymbia maculata*	1	418	9	3	250	3	1.8	Fair	Fair	Low	Low Impact
1134	*Casuarina cunninghamiana*	1	419	12	3	250	3	1.8	Fair	Poor	Low	Low Impact
1135	*Corymbia maculata*	1	420	25	16	900	10.8	3.2	Good	Fair	Medium	High Impact
1136	*Casuarina cunninghamiana*	1	421	11	4	200	2.4	1.7	Fair	Fair	Low	No Impact
1137	*Eucalyptus sp.*	1	422	8	3	300	3.6	2	Poor	Poor	Low	Low Impact
1138	*Eucalyptus saligna*	1	460	15	9	200	2.4	1.7	Fair	Poor	Low	High Impact
1139	*Eucalyptus saligna*	1	461	22	11	550	6.6	2.6	Fair	Fair	Medium	High Impact
1140	*Acacia elata*	1	462	12	11	500	6	2.5	Poor	Fair	Low	Removed in Demolition
1141	*Eucalyptus saligna*	1	463	15	11	600	7.2	2.7	Poor	Poor	Low	High Impact
1142	*Eucalyptus sp.*	1	464	13	6	350	4.2	2.1	Fair	Fair	Low	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
1143	*Eucalyptus saligna*	1	465	17	11	250	3	1.8	Good	Good	High	Medium Impact
1144	*Eucalyptus saligna*	1	466	20	11	400	4.8	2.3	Good	Good	High	High Impact
1145	*Eucalyptus saligna*	1	467	15	11	250	3	1.8	Fair	Fair	Medium	Low Impact
1146	*Eucalyptus saligna*	1	468	22	13	600	7.2	2.7	Good	Good	High	High Impact
1147	*Eucalyptus saligna*	1	469	17	11	500	6	2.5	Good	Good	High	High Impact
1148	*Eucalyptus saligna*	1	470	18	11	420	5.04	2.3	Good	Good	High	High Impact
1149	*Unidentified*	1	471	-	-	-	15	-	-	-	-	Removed in Demolition
1150	*Eucalyptus saligna*	1	472	11	5	300	3.6	2	Fair	Fair	Low	Medium Impact
1151	*Acacia elata*	1	473	9	4	300	3.6	2	Poor	Poor	Low	High Impact
1152	*Unidentified*	1	474	-	-	-	15	-	-	-	-	Removed in Demolition
1153	*Unidentified*	1	475	-	-	-	15	-	-	-	-	Removed in Demolition
1154	*Eucalyptus saligna*	1	476	21	18	900	10.8	3.2	Good	Good	High	High Impact
1155	*Eucalyptus saligna*	1	477	20	15	600	7.2	2.7	Good	Good	High	High Impact
1156	*Eucalyptus saligna*	1	478	22	17	700	8.4	2.8	Good	Good	High	High Impact
1157	*Eucalyptus saligna*	1	479	11	5	250	3	1.8	Poor	Poor	Low	High Impact
1158	*Eucalyptus saligna*	1	480	17	13	400	4.8	2.3	Good	Good	High	High Impact
1159	*Eucalyptus saligna*	1	481	9	3	350	4.2	2.1	Good	Fair	Medium	High Impact
1160	*Eucalyptus saligna*	1	482	15	13	600	7.2	2.7	Fair	Fair	Medium	High Impact
1161	*Unidentified*	1	483	-	-	-	15	-	-	-	-	High Impact
1162	*Eucalyptus saligna*	1	484	12	8	400	4.8	2.3	Fair	Fair	Medium	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
1163	*Eucalyptus pilularis*	1	485	15	11	550	6.6	2.6	Fair	Fair	Medium	High Impact
1164	*Acacia elata*	1	486	8	5	350	4.2	2.1	Poor	Poor	Low	High Impact
1165	*Eucalyptus punctata*	1	487	10	6	450	5.4	2.4	Poor	Fair	Low	High Impact
1166	*Eucalyptus sp.*	1	488	11	6	450	5.4	2.4	Poor	Poor	Low	High Impact
1167	*Syncarpia glomulifera*	1	489	8	3	200	2.4	1.7	Fair	Fair	Medium	High Impact
1168	*Syncarpia glomulifera*	1	490	8	3	300	3.6	2	Fair	Fair	Medium	High Impact
1169	*Syncarpia glomulifera*	1	492	9	3	300	3.6	2	Fair	Fair	Low	High Impact
1170	*Syncarpia glomulifera*	1	491	8	3	200	2.4	1.7	Fair	Poor	Low	High Impact
1171	*Syncarpia glomulifera*	1	493	7	3	250	3	1.8	Fair	Fair	Low	High Impact
1172	*Syncarpia glomulifera*	1	494	8	3	250	3	1.8	Fair	Poor	Low	High Impact
1173	*Eucalyptus sp.*	1	495	8	4	350	4.2	2.1	Poor	Poor	Low	High Impact
1174	*Lophostemon confertus*	1	496	8	5	200	2.4	1.7	Fair	Poor	Low	Low Impact
1175	*Unidentified*	1	498	-	-	-	15	-	-	-	-	High Impact
1176	*Casuarina cunninghamiana*	1	497	9	4	350	4.2	2.1	Fair	Fair	Medium	High Impact
1177	*Ficus microcarpa*	1	576	11	4	200	2.4	1.7	Fair	Fair	Low	High Impact
1178	*Casuarina glauca*	1	577	12	4	420	5.04	2.3	Good	Fair	Medium	High Impact
1179	*Casuarina glauca*	1	578	9	3	220	2.64	1.8	Fair	Fair	Low	High Impact
1180	*Casuarina glauca*	1	579	15	3	250	3	1.8	Fair	Fair	Medium	High Impact
1181	*Unidentified*	1	580	-	-	-	15	-	-	-	-	High Impact
1182	*Casuarina glauca*	1	581	11	3	200	2.4	1.7	Fair	Fair	Low	High Impact
1183	*Eucalyptus eximia*	1	582	10	3	350	4.2	2.1	Good	Poor	Low	High Impact

Tree ID	Botanical Name	Trees in Group	Survey ID	Height (m)	Spread (m)	DBH (mm)	TPZ (m)	SRZ (m)	Health	Structure	Retention Value	Impact
1184	*Unidentified*	1	583	-	-	-	15	-	-	-	-	High Impact
1185	*Eucalyptus tereticornis*	1	584	28	10	800	9.6	3	Good	Good	High	High Impact
1186	*Unidentified*	1	585	-	-	-	15	-	-	-	-	High Impact
1187	*Eucalyptus saligna*	1	586	20	4	300	3.6	2	Fair	Fair	Low	High Impact
1188	*Eucalyptus saligna*	1	587	27	11	1100	13.2	3.4	Good	Good	High	High Impact
1189	*Unidentified*	1	588	-	-	-	15	-	-	-	-	High Impact
1190	*Eucalyptus saligna*	1	589	27	9	900	10.8	3.2	Good	Good	High	High Impact
1191	*Eucalyptus saligna*	1	590	9	3	300	3.6	2	Fair	Fair	Low	High Impact
1192	*Casuarina glauca*	1	591	7	2	150	2	1.5	Fair	Fair	Low	High Impact
1193	*Eucalyptus saligna*	1	592	15	5	300	3.6	2	Fair	Fair	Low	High Impact
1194	*Eucalyptus sp.*	1	518	20	6	250	3	1.8	Good	Good	High	High Impact
1195	*Unidentified*	1	550	-	-	-	15	-	-	-	-	High Impact
1196	*Eucalyptus pilularis*	1	427	15	5	250	3	1.8	Good	Fair	High	Low Impact
1197	*Eucalyptus pilularis*	1	426	15	5	250	3	1.8	Good	Fair	High	Low Impact
1198	*Eucalyptus saligna*	1	502	12	5	400	4.8	2.3	Fair	Poor	Low	High Impact
1199	*Allocasuarina littoralis*	1	503	11	3	300	3.6	2	Good	Fair	Low	High Impact
1200	*Allocasuarina littoralis*	1	504	15	6	350	4.2	2.1	Good	Fair	Medium	High Impact
1201	*Eucalyptus saligna*	1	508	7	3	300	3.6	2	Poor	Poor	Low	High Impact
4861	*Cupaniopsis anacardioides*	1	-	4	3	100	2	1.5	Fair	Fair	Low	Removed in Demolition
5981	*Pittosporum undulatum*	1	-	8	4	100	2	1.5	Good	Fair	Medium	Removed in Demolition

Tree ID	*Botanical Name*	*Trees in Group*	*Survey ID*	*Height (m)*	*Spread (m)*	*DBH (mm)*	*TPZ (m)*	*SRZ (m)*	*Health*	*Structure*	*Retention Value*	*Impact*
6531	*Eucalyptus microcorys*	1	-	17	7	350	4.2	2.1	Good	Fair	High	Removed in Demolition
7222	*Corymbia maculata*	1	430	13	3	200	2.4	1.7	Good	Fair	Medium	No Impact
7661	*Eucalyptus scoparia*	1	-	8	10	250	3	1.8	Fair	Fair	Medium	High Impact
8351	*Angophora costata*	1	-	18	3	200	2.4	1.7	Fair	Good	High	No Impact
8451	*Tristaniopsis laurina*	1	-	5	3	100	2	1.5	Fair	Fair	Medium	No Impact
8771	*Casuarina glauca*	1	452	20	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
8772	*Casuarina glauca*	1	453	20	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
8773	*Casuarina glauca*	1	454	20	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
8774	*Casuarina glauca*	1	455	20	6	200	2.4	1.7	Fair	Fair	Medium	High Impact
8833	*Eucalyptus tereticornis*	1	445	27	11	1100	13.2	3.4	Good	Good	High	High Impact

4 Recommendations

4.1 Trees requiring detailed assessment

A total of **2** trees will require detailed assessment to determine suitability for retention.

Further detailed assessments (root investigation), via the use of non-destructive methods will be required for any works that encroach greater than 10% within the TPZ. If encroachment cannot be restricted to outside of the SRZ, these trees cannot be successfully retained.

The area lost to this encroachment should be compensated for elsewhere, and be contiguous with the TPZ. All work within the TPZ must be carried out under the supervision of the project arborist.

4.2 Trees to be retained

The tree protection plan outlined in **Chapter 5** and **Appendix B** should be implemented for all trees proposed to be retained and all trees that fall within 10 m of any construction activities.

4.3 Offsetting

Any loss of trees should be offset in accordance with the recommendations outlined in *Eco Logical Australia October 2017. Ivanhoe Estate Re-development SSD 17_8707 – Biodiversity Assessment Report and Offset Strategy. Prepared for Frasers Property Australia – Rhodes.*

Replacement planting and landscaping within the future development site should also consider the species identified for removal within this document. Species selection should be in co-ordination with the *City of Ryde Council* and with consideration to the following species:

- *Angophora costata* (Sydney Red Gum)
- *Syncarpia glomulifera* (Turpentine)
- *Angophora floribunda* (Rough barked Apple)
- *Backhousia citriodora* (Lemon Scented Myrtle)
- *Eucalyptus crebra* (Narrow Leaf Ironbark)
- *Eucalyptus sideroxylon* (Mugga Ironbark)
- *Melaleuca linariifolia* (Snow in Summer)

4.4 Tree work

- All tree work is to be carried out by an arborist with a minimum AQF Level 3 qualification in Arboriculture.
- All tree work must be in accordance with Australian Standard AS 4373-2007, Pruning of Amenity Trees and the NSW WorkCover Code of Practice for the Amenity Tree Industry (1998).
- Permission must be granted from the relevant consent authority, prior to removing or pruning of any of the subject trees.

5 Tree management plan

5.1 Tree protection measures

The following tree protection measures will be required if trees are retained:

- Tree protection fencing must be established around the perimeter of the TPZ. If the protective fencing requires temporary removal, trunk, branch and ground protection must be installed and must comply with *AS 4970-2009 - Protection of trees on development sites*. Existing fencing and site hoarding may be used as tree protection fencing.
- If temporary access for machinery is required within the TPZ, ground protection measures will be required. The purpose of ground protection is to prevent root damage and soil compaction within the TPZ. Ground protection may include a permeable membrane such as geotextile fabric beneath a layer of mulch, crushed rock or rumble boards.
- Any additional construction activities within the TPZ of the subject trees must be assessed and approved by the project arborist, and must comply with *AS 4970-2009 - Protection of trees on development sites.*

Further information and guidelines on tree protection is in **Appendix D**.

5.2 Hold points, inspection and certification

The approved tree protection plan must be available onsite prior to the commencement of works, and throughout the entirety of the project. To ensure the tree protection plan is implemented, hold points have been specified in the schedule of works below. It is the responsibility of the principal contractor to complete each of the tasks.

Once each stage is reached, the work will be inspected and certified by the project arborist and the next stage may commence. Alterations to this schedule may be required due to necessity, however, this shall be through consultation with the project arborist only.

Table 4: Schedule of works

Pre-construction	Prior to demolition and site establishment indicate clearly (with spray paint on trunks) trees marked for removal only.
	Tree protection (for trees that will be retained) shall be installed prior to demolition and site establishment, this will include mulching of areas within the TPZ
During Construction	Scheduled inspection of trees by the project arborist should be undertaken monthly during the construction period.
	Inspection of trees by project arborist after all major construction has ceased, following the removal of tree protection measures.
Post Construction	Final inspection of trees by project arborist.

References

Australian Standard, AS 4373-2007*, Pruning of Amenity Trees*.

Australian Standard, AS 4970-2009, *Protection of Trees on Development Sites*.

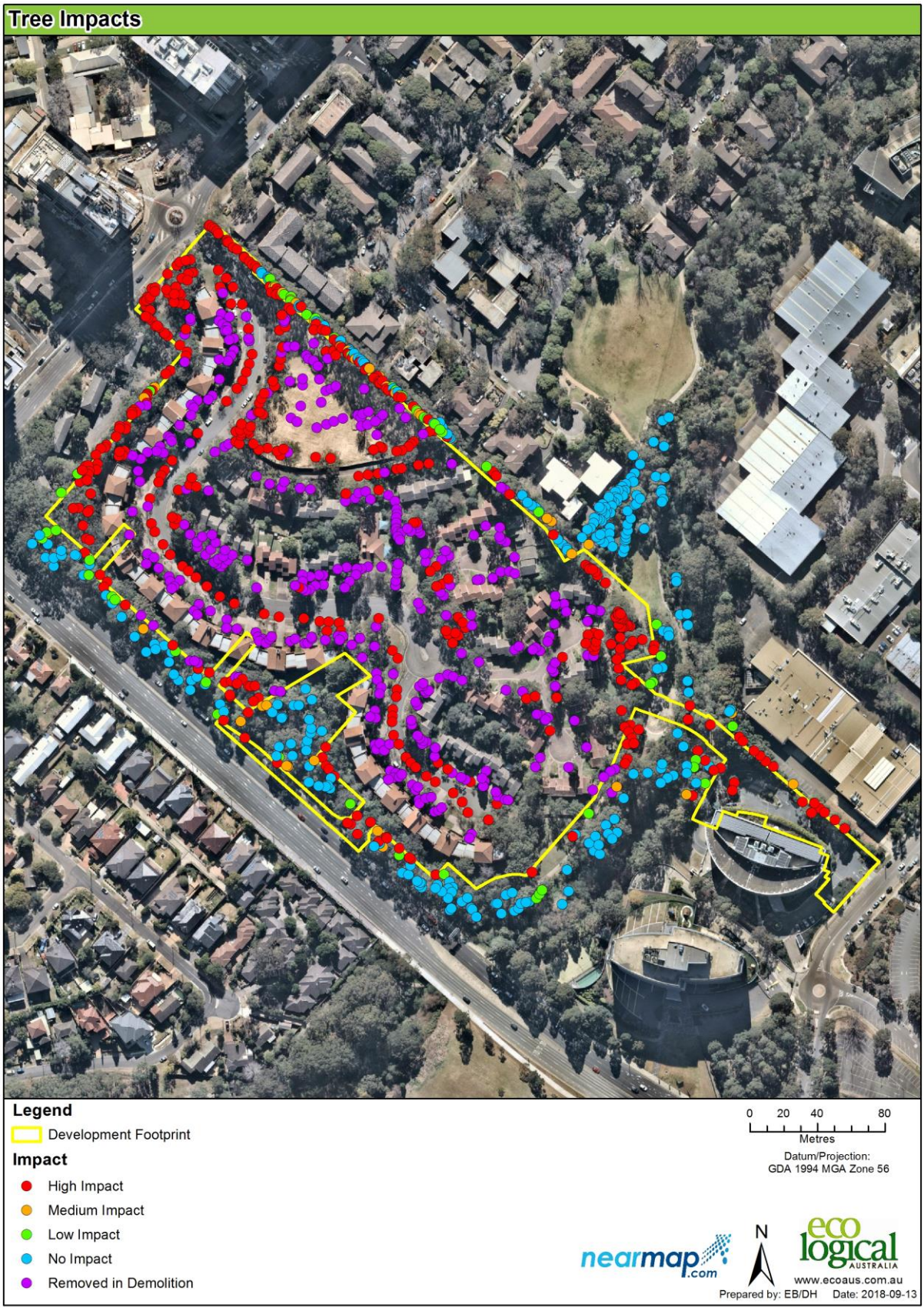
Harris, R., Clark, J., Matheny, N. and Harris, V. 2004. *Arboriculture: Integrated Management of Landscape Trees, Shrubs and Vines*, Upper Saddle River, N.J.: Prentice Hall, London

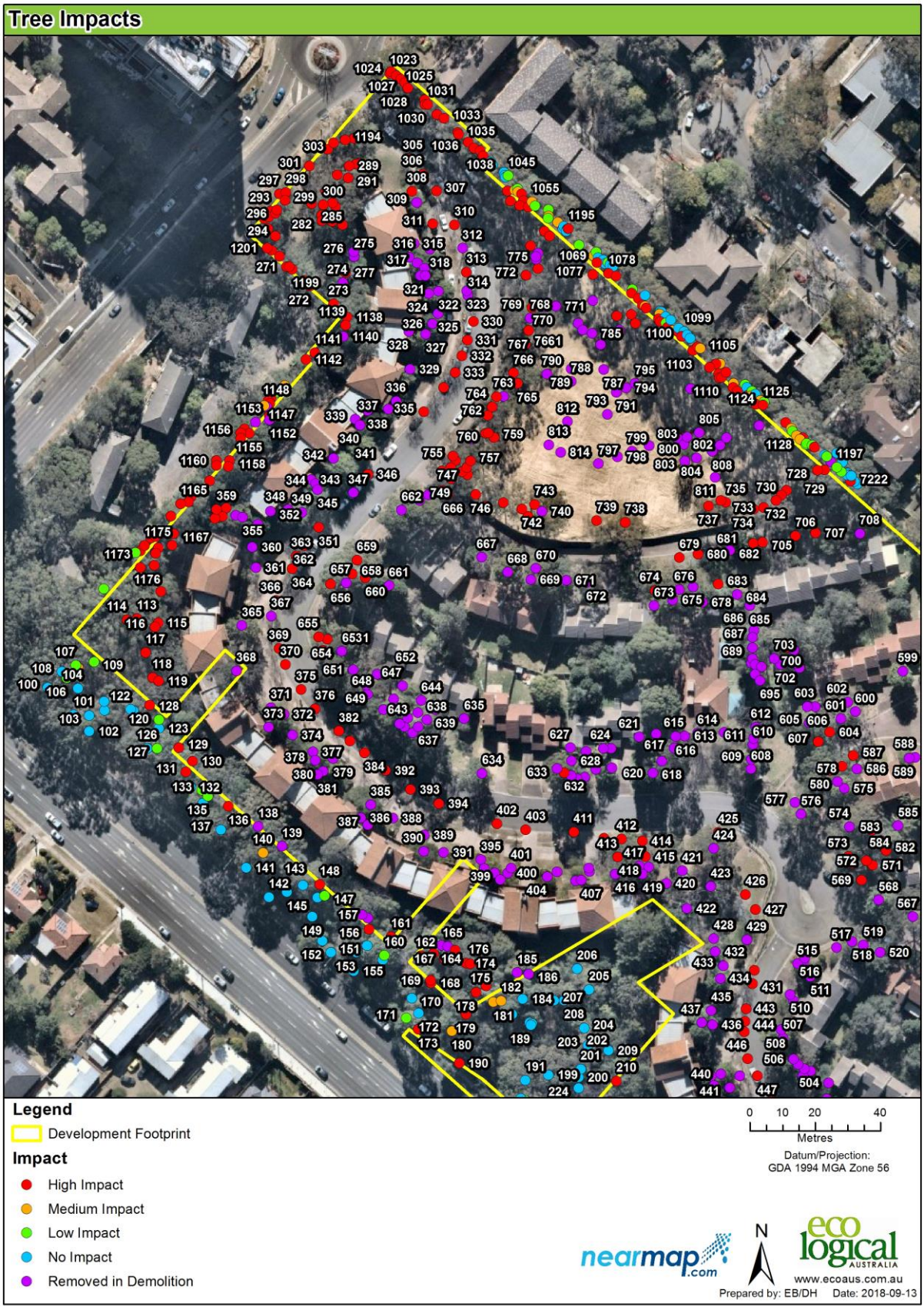
Mattheck, C. 2007. *Updated field guide for visual tree assessment*. Karlsruhe: Forschungszentrum Karlsruhe.

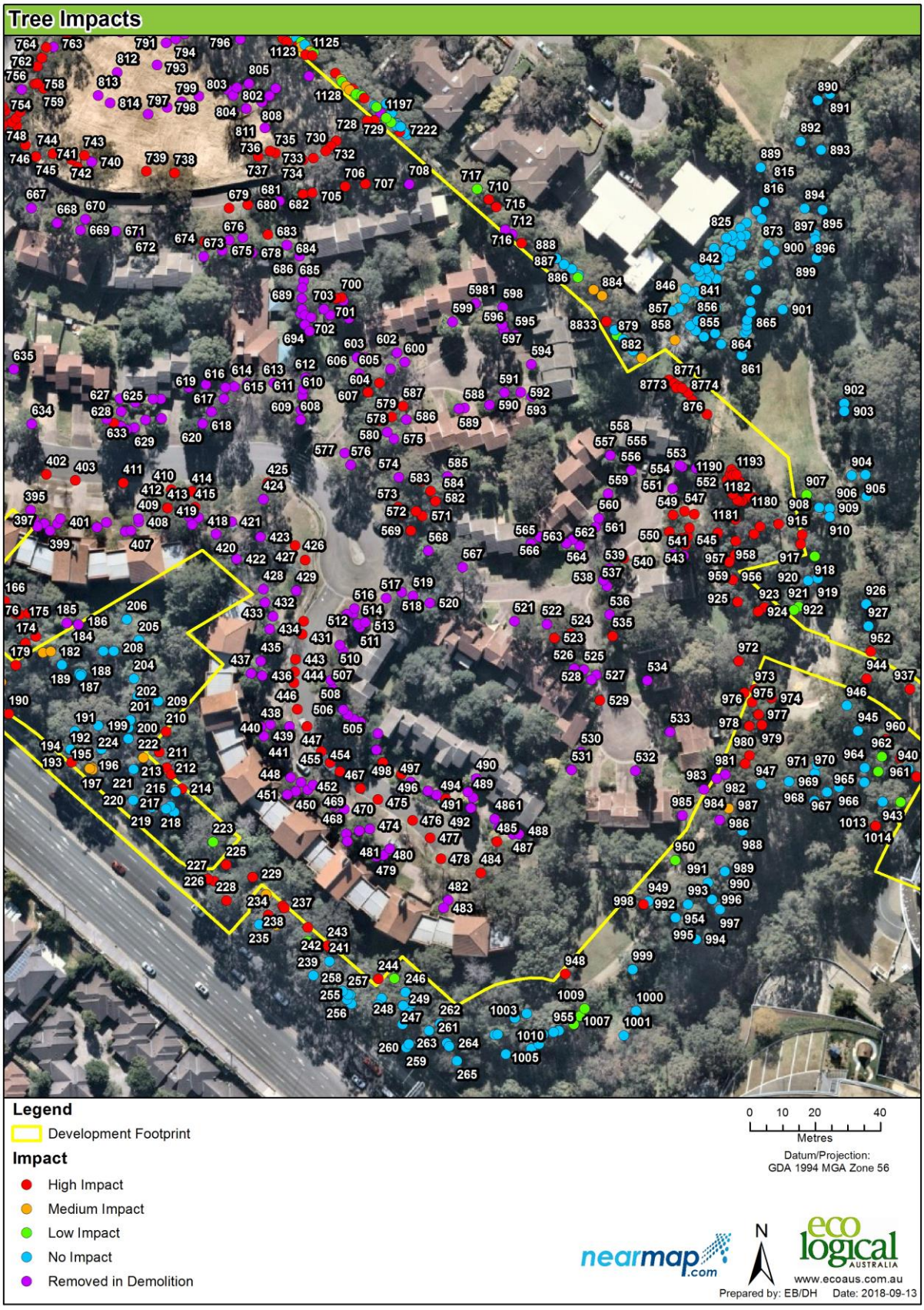
WorkCover NSW. 1998. *Code of Practice: Amenity Tree Industry*

Institute of Australian Consulting Arboriculturists (IACA) 2010. *IACA Significance of a Tree, Assessment Rating System (STARS).* Australia, www.iaca.org.au

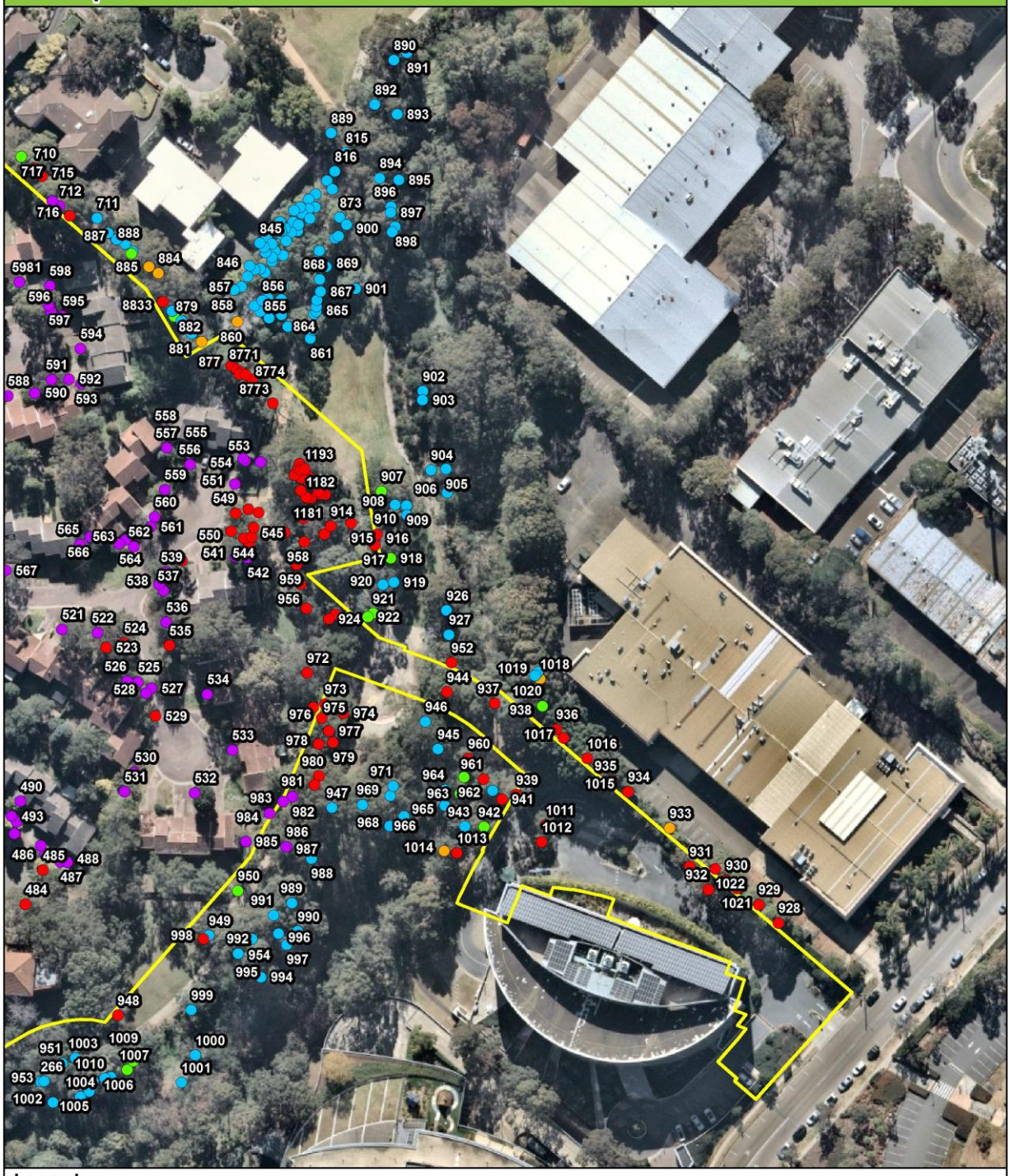
Appendix A Tree locations and impacts




Tree Impacts
Legend
Development Footprint
Impact
High Impact
Medium Impact
Low Impact
No Impact
Removed in Demolition
0 10 20 40
Metres
Datum/Projection:
GDA 1994 MGA Zone 56
nearmap.com
N
eco logical AUSTRALIA
www.ecoaus.com.au
Prepared by: EB/DH Date: 2018-09-13


Tree Impacts
Legend
Development Footprint
Impact
High Impact
Medium Impact
Low Impact
No Impact
Removed in Demolition
0 10 20 40
Metres
Datum/Projection:
GDA 1994 MGA Zone 56
nearmap.com
N
eco logical AUSTRALIA
www.ecoaus.com.au
Prepared by: EB/DH Date: 2018-09-13

Tree Impacts



Legend

Development Footprint

Impact

- High Impact
- Medium Impact
- Low Impact
- No Impact
- Removed in Demolition

0 10 20 40

Metres

Datum/Projection:
GDA 1994 MGA Zone 56

nearmap.com

N

eco logical AUSTRALIA

www.ecoaus.com.au

Prepared by: EB/DH Date: 2018-09-13

Appendix B Tree Protection Guidelines

The following tree protection guidelines must be implemented during the construction period in the event that no tree-specific recommendations are detailed.

Tree protection fencing

The TPZ is a restricted area delineated by protective fencing or the use of an existing structure (such as a wall or fence).

Trees that are to be retained must have protective fencing erected around the TPZ (or as specified in the body of the report) to protect and isolate it from the construction works. Fencing must comply with the *Australian Standard, AS 4687-2007, Temporary fencing and hoardings*.

Tree protection fencing must be installed prior to site establishment and remain intact until completion of works. Once erected, protective fencing must not be removed or altered without the approval of the project arborist.

If the protective fencing requires temporary removal, trunk, branch and ground protection must be installed and must comply with *AS 4970-2009, Protection of Trees on Development Sites*.

Tree protection fencing shall be:

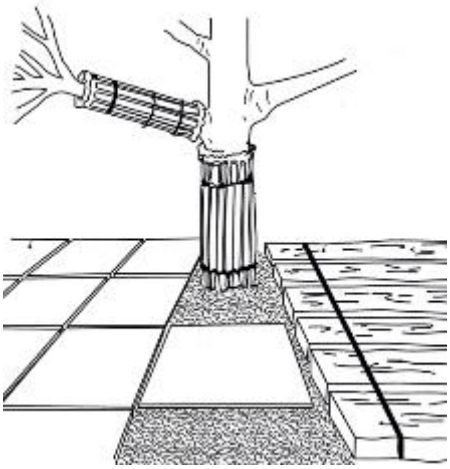
- Enclosed to the full extent of the TPZ (or as specified in the Recommendations and Tree Protection Plan).
- Cyclone chain wire link fence or similar, with lockable access gates.
- Certified and Inspected by the Project Arborist.
- Installed prior to the commencement of works.
- Prominently signposted with 300mm x 450mm boards stating “NO ACCESS - TREE PROTECTION ZONE”.

Crown protection

Tree crowns/canopy may be injured or damaged by machinery such as; excavators, drilling rigs, trucks, cranes, plant and vehicles. Where crown protection is required, it will usually be located at least one meter outside the perimeter of the crown.

Crown protection may include the installation of a physical barrier, pruning selected branches to establish clearance, or the tying/bracing of branches.

Trunk protection



Where provision of tree protection fencing is impractical or must be temporarily removed, truck protection shall be installed for the nominated trees to avoid accidental mechanical damage.

The removal of bark or branches allows the potential ingress of micro-organisms which may cause decay. Furthermore, the removal of bark restricts the trees' ability to distribute water, mineral ions (solutes), and glucose.

Trunk protection shall consist of a layer of either carpet underfelt, geotextile fabric or similar wrapped around the trunk, followed by 1.8 m lengths of softwood timbers aligned vertically and spaced evenly around the trunk (with an approx. 50 mm gap between the timbers).

The timbers must be secured using galvanised hoop strap (aluminium strapping). The timbers shall be wrapped around the trunk but not fixed to the tree, as this will cause injury/damage to the tree.

Ground protection

Tree roots are essential for the uptake/absorption of water, oxygen and mineral ions (solutes). It is essential to prevent the disturbance of the soil beneath the dripline and within the TPZ of trees that are to be retained. Soil compaction within the TPZ will adversely affect the ability of roots to function correctly.

If temporary access for machinery is required within the TPZ ground protection measures will be required. The purpose of ground protection is to prevent root damage and soil compaction within the TPZ. Ground protection may include a permeable membrane such as geotextile fabric beneath a layer of mulch, crushed rock or rumble boards.

If the grade is to be raised within the TPZ, the material should be coarser or more porous than the underlying material.

Root protection & pruning

If incursions/excavation within the TPZ are unavoidable, exploratory excavation (under the supervision of the Project Arborist) using non-destructive methods may be considered to evaluate the extent of the root system affected, and determine whether or not the tree can remain viable.

If the project arborist identifies conflicting roots that requiring pruning, they must be pruned with a sharp implement such as; secateurs, pruners, handsaws or a chainsaw back to undamaged tissue. The final cut must be a clean cut.

Underground services

All underground services should be routed outside of the TPZ. If underground services need to be installed within the TPZ, they should be installed using horizontal directional drilling (HDD). The horizontal drilling/boring must be at minimum depth of 600mm below grade. Trenching for services is to be regarded as "excavation"

Appendix C Tree retention assessment method

Tree Significance - Assessment Criteria - STARS©		
Low	**Medium**	**High**
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 the surrounding properties or 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 dimensions 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 the potential to become structurally unsound. The tree is an environmental pest species due to its invasiveness or poisonous/allergenic properties. The tree is a declared noxious weed by legislation	The tree is in fair to good condition 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	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.

Tree Significance

Useful Life Expectancy	High	Medium	Low		
Long >40 years					
Medium 15-40 years					
Short <1-15 years					
Dead					

Legend for Matrix Assessment

	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 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 the removal considered only if adversely affecting the proposed building/works and all other alternatives have been considered and exhausted.
	Consider for removal (Low): These tree are not considered important for retention, nor require special works or design modification to be implemented for their retention.
	Consider for removal (Low): These tree are not considered important for retention, nor require special works or design modification to be implemented for their retention.

ecological AUSTRALIA

ISO 14001 Environmental Management

AS/NZS 4801:2001 Occupational Health and Safety Management

ISO 9001 Quality Management

HEAD OFFICE
Suite 2, Level 3
668-672 Old Princes Highway
Sutherland NSW 2232
T 02 8536 8600
F 02 9542 5622

CANBERRA
Level 2
11 London Circuit
Canberra ACT 2601
T 02 6103 0145
F 02 9542 5622

COFFS HARBOUR
35 Orlando Street
Coffs Harbour Jetty NSW 2450
T 02 6651 5484
F 02 6651 6890

PERTH
Suite 1 & 2
49 Ord Street
West Perth WA 6005
T 08 9227 1070
F 02 9542 5622

DARWIN
16/56 Marina Boulevard
Cullen Bay NT 0820
T 08 8989 5601
F 08 8941 1220

SYDNEY
Suite 1, Level 1
101 Sussex Street
Sydney NSW 2000
T 02 8536 8650
F 02 9542 5622

NEWCASTLE
Suites 28 & 29, Level 7
19 Bolton Street
Newcastle NSW 2300
T 02 4910 0125
F 02 9542 5622

ARMIDALE
92 Taylor Street
Armidale NSW 2350
T 02 8081 2685
F 02 9542 5622

WOLLONGONG
Suite 204, Level 2
62 Moore Street
Austinmer NSW 2515
T 02 4201 2200
F 02 9542 5622

BRISBANE
Suite 1, Level 3
471 Adelaide Street
Brisbane QLD 4000
T 07 3503 7192
F 07 3854 0310

HUSKISSON
Unit 1, 51 Owen Street
Huskisson NSW 2540
T 02 4201 2264
F 02 9542 5622

NAROOMA
5/20 Canty Street
Narooma NSW 2546
T 02 4302 1266
F 02 9542 5622

MUDGEE
Unit 1, Level 1
79 Market Street
Mudgee NSW 2850
T 02 4302 1234
F 02 6372 9230

GOSFORD
Suite 5, Baker One
1-5 Baker Street
Gosford NSW 2250
T 02 4302 1221
F 02 9542 5622

ADELAIDE
2, 70 Pirie Street
Adelaide SA 5000
T 08 8470 6650
F 02 9542 5622

1300 646 131
www.ecoaus.com.au