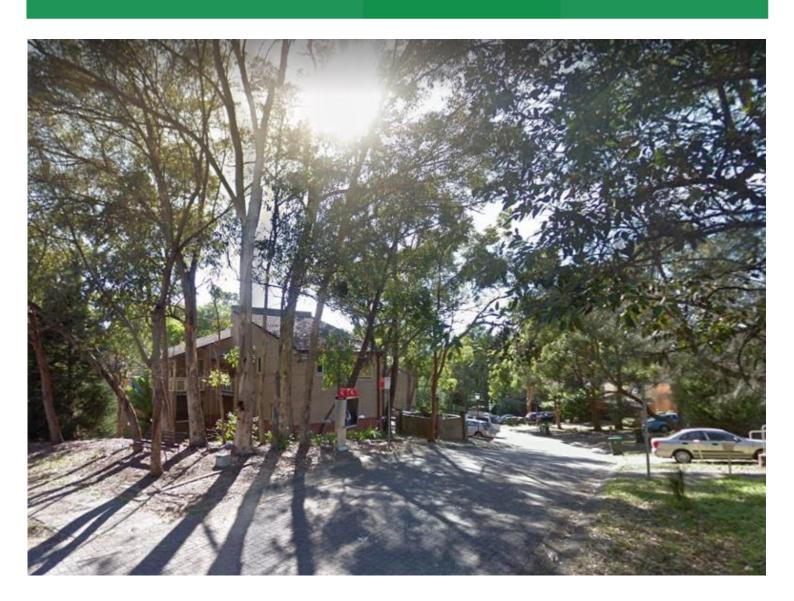


## **Ivanhoe Estate Redevelopment**

Arboricultural Impact Assessment

Prepared for Frasers Property Australia

October 2019



#### **DOCUMENT TRACKING**

Item	Detail
Project Name	AIA – Ivanhoe Estate Redevelopment
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All trees have been assessed based on the observations from the site inspection and information presented by the client or relevant parties at the time of inspection. No responsibility can be taken for incorrect or misleading information provided by the client or other parties.

Trees are living organisms. As such, their health and structure may alter, they will grow and their environmental circumstances may change from the time of the site inspection upon which this assessment is based. Trees, as with all living things, pose some level of risk.

Tree risk assessments are valid for 12 months after the date of inspection, unless otherwise stated. Any significant change to the subject tree(s) or surrounding environment, including significant or catastrophic storm/wind events will require the immediate re-inspection and assessment of the tree(s).

Trees fail in ways that the arboricultural community are yet to fully understand. There is no guarantee expressed or implied that failure or deficiencies may not arise of the subject trees in the future. No responsibility is accepted for damage to property or injury/death caused by the nominated trees.

Template 29/9/2015

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# **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). The project has two distinct stages:

- a demolition stage to be undertaken by NSW Land and Housing Corporation. This involves the removal of buildings, services, and associated infrastructure.
- A development (or construction) phase that involves bulk earthworks, infrastructure and building construction and landscaping

This report provides an arboricultural assessment of both stages.

#### 1.2 Report history

This report presents a subsequent arboricultural assessment of the impacts of the Project, based on a revised development footprint that responds to community and agency submissions to the proposal presented within the EIS which was exhibited twice with the latest exhibition period ending on 19 June 2019.

The updated masterplan for the Project has sought to further reduce impacts to trees particularly those within the Threatened Ecological Communities which occur within the study area. The amended concept masterplan is shown in **Figure 1**, and a comparison of the development site boundaries between the EIS development site (February 2018) and the revised development site (August 2019) is shown in **Figure 2**. Significant changes to the development footprint includes:

- Consultation with the site owner, NSW Land and Housing Corporation, to reduce the impacts of site demolition on areas of CEEC and therefore trees from 0.19 ha to 0.03 ha at the demolition stage
- Removal of the proposed slip lane and vehicle entry off Epping Road from the project
- Retention of the existing retaining wall (and ancillary existing structures) where possible
- Redesign of the proposed built form of the development to occur only in areas of existing developed land.

When reviewing the figures presented in this report, it is pertinent to consider the following on-ground details when interpreting impact calculations:

- The demolition footprint includes a 3m buffer around built forms to be removed. The actual impacts may be <u>less</u> than those presented (for areas of native vegetation around the periphery) as it may be possible to retain some trees that fall within this demolition buffer. This is demonstrated along the northern boundary, where a significant amount of vegetation has been retained following demolition of adjacent buildings.
- 2. The development footprint includes a 2m buffer around the proposed earthworks. The actual impacts are may be less than those presented (for areas of native vegetation around the

periphery). In particular, the interface of the proposed development against the CEEC boundary along Epping Road whereby there is likely to be minimal actual encroachment.

- 3. The retention of a retaining wall along the CEEC boundary will protect the occurrence of STIF onsite (Photograph 1).
- 4. Intermittently along the CEEC, alcoves are currently recessed into the landscape. Only two of these that occur at the CEEC interface will be removed.

In addition to the amended development plan, this report aims to clarify details within the previous arboricultural assessment that were identified by agency submissions.

#### 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:
  - o residential flat buildings comprising private, social and affordable housing
  - seniors house comprising residential care facilities and self-contained dwellings
  - o child care centres
  - o public open space and roads
  - minor retail development and
  - o 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 in and around the existing buildings, whilst avoiding the Critically Endangered Ecological Community along the Epping Road side of the site

The demolition of the Ivanhoe Estate was 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.

#### 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 25<sup>th</sup> & 27<sup>th</sup> September, 3<sup>rd</sup> October, 2<sup>nd</sup> November 2017, 23<sup>rd</sup> – 24<sup>th</sup> July 2018 and August 2019. It is anticipated that 796 trees will be removed as a result of the demolition and construction works at the site.

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
- ADW Johnson, State Significant Development Application Infrastructure Works Stages 1A, 1B and 1C, Concept Engineering Plans, Lot 5, D.P. 740753, Lots 6-20, D.P. 861433, Lot 100, D.P. 1223787 Herring Road & Epping Road. Macquarie Park dated August 2018
- ADW Johnson, *Plan Showing Detail & Contours Over Part of The Ivanhoe Estate Redevelopment Site, Version C,* dated March 2018
- Bates Smart, Ivanhoe Estate Masterplan, Macquarie Park, NSW Indicative Reference Scheme, Typical Floor Plan (Lower), Overlaid with EEC and Retained Trees dated August 2019

#### 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, an **additional 179 trees will be retained** when compared to the original masterplan and demolition plans. Only three trees within the Critically Endangered Ecological Community Sydney Turpentine Ironbark Forest (STIF) will be removed as a result of demolition of the site, with no additional trees likely to be removed within this area of sensitive biodiversity. One tree within the STIF, (Tree 9951) is identified for removal due to the proximity of the development site, however this tree may be able to be retained as it occurs on top of a retaining wall which will not be impacted by the proposal. Tree impacts to STIF are shown in Figures 2 & 3. Further discussion of other trees that require detailed assessment is described in Section 3.1 of this report.

A summary of the trees to be removed based on the latest demolition and development plan is shown in the table below.

**Table 1 Tree impacts** 

Tree Impact	Total					
Removed in demolition	445					
High Impact (removed) in construction	351					
Subtotal to be removed	796					
Medium Impact	36					
Low Impact	45					
No Impact	361					
Subtotal to be retained	442					
Total	1238					

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.
- The field data capture for this AIA has been undertaken by multiple Registered Surveyors and multiple arborists, with several datasets merged together. ELA has sought to rectify duplications where possible through additional field surveys in July 2018, and subsequently in August 2019. All data around the periphery of the project whereby tree retention is possible is now up to date. Where data duplications could not be ruled out (in inaccessible areas), trees have been kept within the dataset with species marked as 'unidentified'. These 'unidentified' trees have been given an assumed maximum tree protection zone area of 15 metres in accordance with Clause

- 3.2 of the Australian Standard (AS4970-2009) and encroachments from the proposed building footprint into the tree protection zone have been calculated as such, for example Tree 1175
- 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:
  - o 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.
  - Trees in backyards of the existing development have not been mapped, as no access has been provided to these areas. All of these trees are considered to be removed under the Masterplan, and the areas of impact are captured in the accompanying biodiversity assessment.
  - It is recommended that trees identified on the periphery of the impact zone be retained, where possible, during demolition/development of the project
  - Three trees T113, T164, T138 are located within the area defined as STIF (Figure 4). These trees have been assessed as being of low impact (as opposed to no impact of the surrounding trees). This is due to the relatively large diameter of the trunk of these subject trees (DBH 1450mm, DBH 400 and DBH 900 respectively). The DBH x 12 is used to calculate the tree protection zones and consequently these trees will be encroached into the tree protection zone by less than 10% as part of the works.
  - Figure 3 is showing trees to be retained and removed. Trees on this figure with low and medium impact have the capacity to be retained and this has been shown on this plan.

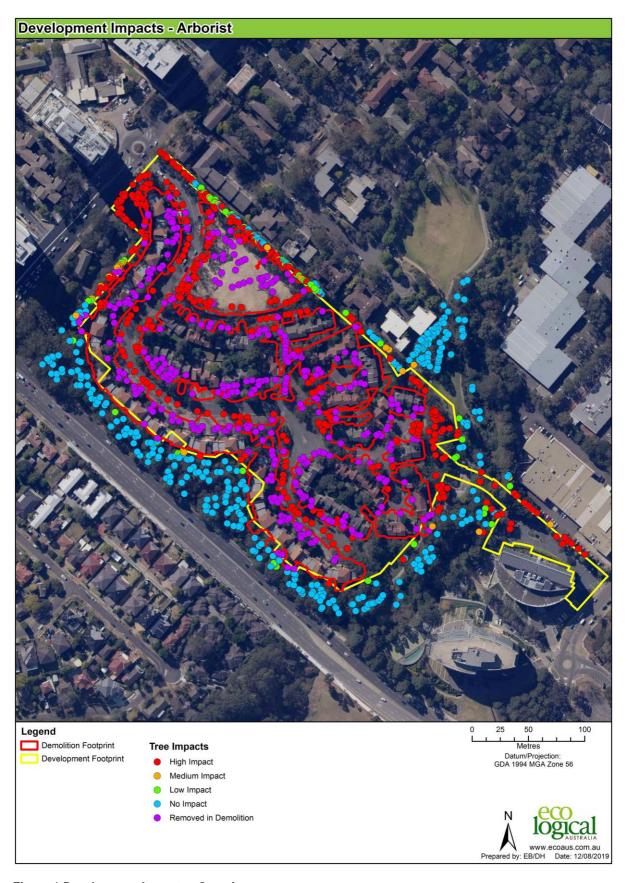


Figure 1 Development Impacts - Overview

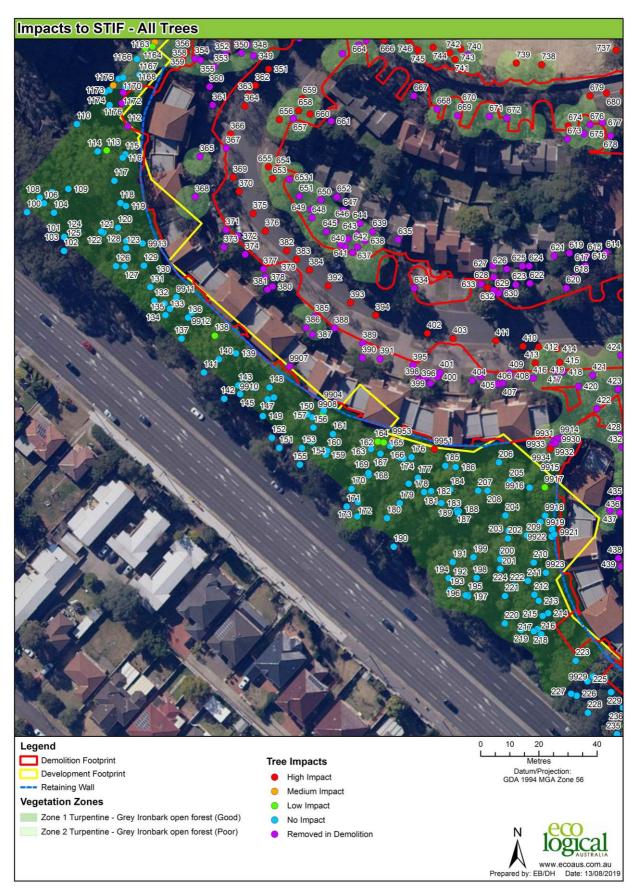


Figure 2 Development Impacts in STIF

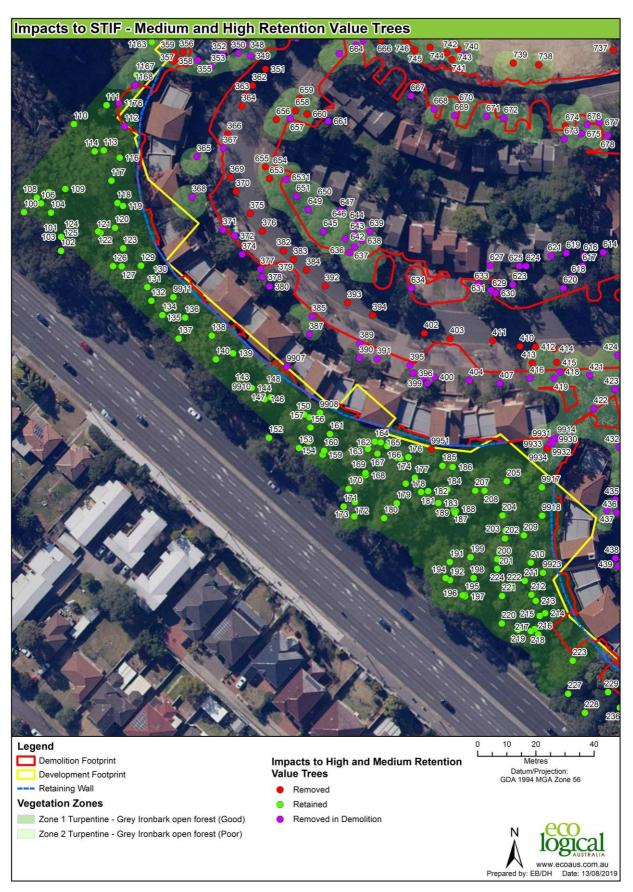


Figure 3 Development impact in STFF - High and Medium Retention Value trees

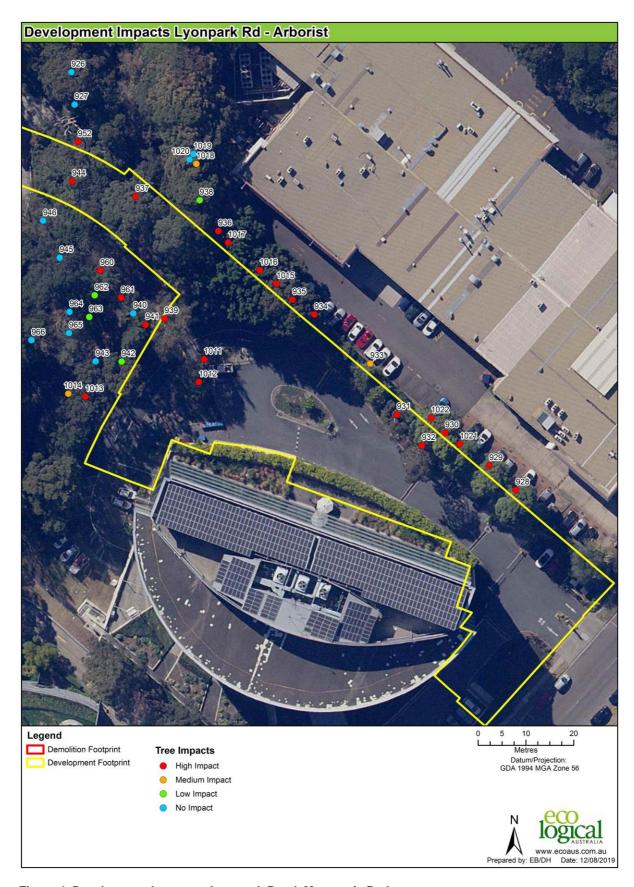


Figure 4 Development Impacts - Lyonpark Road, Macquarie Park

### Method

#### 1.8 Visual tree assessment

The subject trees were assessed in accordance with a stage one visual tree assessment (VTA) as formulated by Mattheck & Breloer (1994)<sup>1</sup>, 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.

#### 1.9 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**.

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<sup>&</sup>lt;sup>1</sup> 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.

#### 1.10 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.

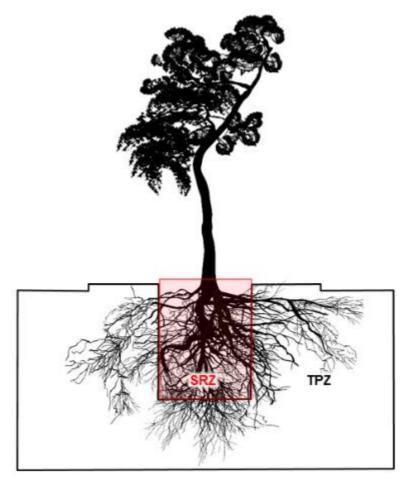


Figure 5: Indicative TPZ and SRZ

#### 1.11 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.</li>
- 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.

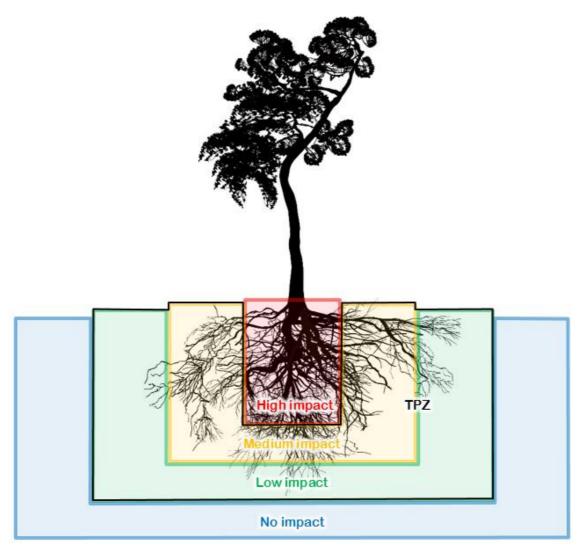


Figure 6: Indicative zones of impact within the TPZ

#### 1.12 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%)	<ul> <li>The project arborist must demonstrate the tree(s) would remain viable.</li> <li>Root investigation by non-destructive methods may be required.</li> <li>Consideration of relevant factors including: Root location and</li> </ul>	<ul> <li>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.</li> <li>Relocate services/pathways outside of tree protection zones</li> <li>Design services to be installed at a minimum depth of 1200mm below ground to avoid impact to the root zones of trees.</li> <li>Design pathways to be installed on or above grade, minimising/eliminating excavation within tree protection zones.</li> <li>Design pathways using porous materials (eco-paving, porous asphalt, decomposed granite) to allow water and oxygen to reach the root zone.</li> <li>Design pathways using tree sensitive techniques (pier and</li> </ul>	<ul> <li>The area lost to this encroachment should be compensated for elsewhere, contiguous with the TPZ.</li> <li>The project arborist would be consulted for any works within the TPZ.</li> <li>Tree protection must be installed.</li> <li>Tree sensitive techniques can be used to install services within the TPZ. Horizontal directional drilling (HDD), boring, non-destructive excavation (NDE).</li> <li>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.</li> </ul>
High impact (>20%)	distribution, tree species, condition, site constraints and design factors.  The area lost to this encroachment should be compensated for elsewhere, contiguous with the TPZ.	<ul> <li>Relocate services/pathways outside of tree protection zones</li> <li>Design services to be installed at a minimum depth of 1200mm below ground to avoid impact to the root zones of trees.</li> <li>Design pathways to be installed on or above grade, minimising/eliminating excavation within tree protection zones.</li> <li>Design pathways using porous materials (eco-paving, porous asphalt, decomposed granite) to allow water and oxygen to reach the root zone.</li> <li>The area lost to encroachment can be compensated for elsewhere, contiguous with the TPZ.</li> </ul>	<ul> <li>As above</li> <li>Removal of existing hard surfaces should be undertaken manually to avoid root damage.</li> <li>Tree sensitive techniques can be used to install the services: Horizontal directional drilling (HDD), boring, non-destructive excavation (NDE).</li> </ul>

### 2 Results

**Table 2** 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:

- **High impact (>20%): 351** trees will be subject to a high impact >20% of the TPZ. Under the current proposal these trees cannot be successfully retained. Of these:
  - 121 trees are of high retention value
  - 148 trees are of medium retention value
  - o 82 trees are of low or unknown retention value
- Medium impact (<20%): 36 trees will be subject to a high 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. Of these:
  - o **20** trees are of high retention value
  - 4 trees are of medium retention value
  - 12 trees are of low or unknown retention value
- Minor impact (<10%): 45 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:</li>
  - o **26** trees are of high retention value
  - 7 trees are of medium retention value
  - o 12 trees are of low or unknown retention value
- No Impact: **361** trees will not be impacted by the proposed works. Under the current proposal, these trees can be successfully retained. Of these:
  - 181 trees are of high retention value
  - 97 trees are of medium retention value
  - 83 trees are of low or unknown retention value
  - Removed Demolition: 445 trees were impacted by the demolition works and have been considered to be already removed.

Some trees located within the adjoining property and fronting Lyonpark Road (Figure 4) have been assessed as being of high impact into the tree protection zone. This incursion calculation has been carried out using the methodology in accordance with AS 4970-2009 Protection of Trees on Development Sites (DBH x 12). Also, under this Standard, (Clause 3.3.4) allowance is given for the project arborist to consider multiple factors. These include the topography and the presence of existing or past structures affecting root growth. These subject trees are located at the top of an existing retaining wall (structure) on the adjoining property, some 2+metres above the proposed footprint (ADW Johnson 2018). It is considered that given the location of these trees, the impacts from works in this location will be negligible

Table 3: Results of the arboricultural assessment

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
100	Eucalyptus pilularis	18	10	1000	Good	Good	High	1	No Impact	No Impact
101	Eucalyptus pilularis	18	10	1000	Good	Fair	High	1	No Impact	No Impact
102	Eucalyptus saligna	18	8	800	Fair	Fair	High	1	No Impact	No Impact
103	Eucalyptus saligna	16	6	750	Fair	Fair	Medium	1	No Impact	No Impact
104	Eucalyptus pilularis	13	7	300	Fair	Fair	Medium	1	No Impact	No Impact
105	Eucalyptus pilularis	20	8	1000	Good	Good	High	1	No Impact	No Impact
106	Eucalyptus pilularis	20	6	1000	Good	Good	High	1	No Impact	No Impact
107	Eucalyptus pilularis	20	10	700	Good	Good	High	1	No Impact	No Impact
108	Syncarpia glomulifera	11	7	550	Good	Fair	Medium	1	No Impact	No Impact
109	Angophora costata	13	5	250	Fair	Fair	Medium	1	No Impact	No Impact
110	Syncarpia glomulifera	9	3	200	Good	Good	High	1	No Impact	No Impact
111	Syncarpia glomulifera	13	4	250	Good	Good	High	1	No Impact	No Impact
112	Eucalyptus eugenioides	14	6	200	Good	Good	High	1	High Impact	Removed in Demolition
113	Eucalyptus pilularis	21	13	1450	Good	Good	High	1	Low Impact	Low Impact
114	Eucalyptus pilularis	21	12	1000	Good	Fair	High	1	No Impact	No Impact
115	Angophora costata	10	5	200	Poor	Poor	Low	1	No Impact	No Impact
116	Angophora costata	12	5	250	Good	Fair	Medium	1	No Impact	No Impact
117	Acacia elata	11	6	250	Fair	Fair	Medium	1	No Impact	No Impact
118	Angophora costata	21	10	450	Fair	Good	High	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
119	Acacia elata	15	5	300	Good	Fair	High	1	No Impact	No Impact
120	Eucalyptus pilularis	21	16	2000	Good	Good	High	1	Low Impact	No Impact
121	Syncarpia glomulifera	15	4	350	Good	Fair	Medium	1	No Impact	No Impact
122	Syncarpia glomulifera	10	6	350	Fair	Fair	Medium	1	No Impact	No Impact
123	Angophora costata	14	7	200	Fair	Poor	Medium	1	No Impact	No Impact
124	Angophora costata	16	5	250	Good	Fair	High	1	No Impact	No Impact
125	Angophora costata	14	5	200	Fair	Fair	Medium	1	No Impact	No Impact
126	Angophora costata	20	8	400	Good	Good	High	1	No Impact	No Impact
127	Angophora costata	21	11	800	Good	Good	High	1	No Impact	No Impact
128	Eucalyptus eugenioides	13	6	250	Fair	Poor	Low	1	No Impact	No Impact
129	Syncarpia glomulifera	10	3	200	Good	Good	High	1	No Impact	No Impact
130	Syncarpia glomulifera	11	3	200	Good	Good	High	1	No Impact	No Impact
131	Angophora costata	19	10	550	Good	Good	High	1	No Impact	No Impact
132	Syncarpia glomulifera	13	6	350	Good	Good	High	1	No Impact	No Impact
133	Unknown species	5	3	250	Poor	Poor	Low	1	No Impact	No Impact
134	Syncarpia glomulifera	15	6	450	Good	Good	High	1	No Impact	No Impact
135	Syncarpia glomulifera	15	6	350	Good	Good	High	1	No Impact	No Impact
136	Eucalyptus saligna	17	3	250	Fair	Good	Medium	1	No Impact	No Impact
137	Angophora costata	17	10	450	Good	Good	High	1	No Impact	No Impact
138	Eucalyptus grandis	19	13	900	Good	Good	High	1	Medium Impact	Low Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
139	Angophora costata	16	6	350	Good	Good	High	1	No Impact	No Impact
140	Eucalyptus saligna	20	8	750	Good	Good	High	1	No Impact	No Impact
141	Syncarpia glomulifera	4	6	400	Good	Poor	Low	1	No Impact	No Impact
142	Syncarpia glomulifera	11	5	450	Good	Poor	Low	1	No Impact	No Impact
143	Angophora costata	12	6	350	Good	Good	High	1	No Impact	No Impact
144	Eucalyptus sp.	12	4	300	Good	Good	High	1	No Impact	No Impact
145	Unknown species	11	3	250	Poor	Poor	Low	1	No Impact	No Impact
146	Syncarpia glomulifera	9	5	250	Good	Fair	High	1	No Impact	No Impact
147	Angophora costata	14	5	200	Good	Fair	High	1	No Impact	No Impact
148	Eucalyptus saligna	17	6	300	Good	Good	High	1	No Impact	No Impact
149	Syncarpia glomulifera	4	4	200	Good	Poor	Low	1	No Impact	No Impact
150	Eucalyptus saligna	17	6	350	Good	Good	High	1	No Impact	No Impact
151	Syncarpia glomulifera	5	4	400	Good	Poor	Low	1	No Impact	No Impact
152	Syncarpia glomulifera	15	7	550	Good	Fair	High	1	No Impact	No Impact
153	Syncarpia glomulifera	16	7	550	Good	Good	High	1	No Impact	No Impact
154	Syncarpia glomulifera	14	7	350	Good	Fair	Medium	1	No Impact	No Impact
155	Syncarpia glomulifera	4	3	300	Good	Poor	Low	1	No Impact	No Impact
156	Syncarpia glomulifera	13	8	450	Good	Good	High	1	No Impact	No Impact
157	Eucalyptus saligna	15	6	250	Good	Good	High	1	No Impact	No Impact
158	Eucalyptus saligna	15	3	200	Good	Good	High	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
159	Syncarpia glomulifera	11	4	300	Good	Fair	Medium	1	No Impact	No Impact
160	Angophora costata	18	9	500	Good	Good	High	1	No Impact	No Impact
161	Syncarpia glomulifera	12	6	350	Good	Good	High	1	No Impact	No Impact
162	Syncarpia glomulifera	13	5	400	Good	Good	High	1	No Impact	No Impact
163	Syncarpia glomulifera	14	5	250	Good	Fair	High	1	No Impact	No Impact
164	Syncarpia glomulifera	15	7	400	Good	Good	High	1	No Impact	Low Impact
165	Syncarpia glomulifera	12	4	300	Fair	Fair	Medium	1	No Impact	Low Impact
166	Syncarpia glomulifera	15	5	300	Good	Good	High	1	No Impact	No Impact
167	Syncarpia glomulifera	16	5	350	Good	Good	High	1	No Impact	No Impact
168	Syncarpia glomulifera	15	6	400	Good	Good	High	1	No Impact	No Impact
169	Syncarpia glomulifera	10	5	300	Good	Fair	High	1	No Impact	No Impact
170	Syncarpia glomulifera	14	5	400	Good	Good	High	1	No Impact	No Impact
171	Syncarpia glomulifera	12	5	450	Good	Good	High	1	No Impact	No Impact
172	Syncarpia glomulifera	13	4	350	Good	Good	High	1	No Impact	No Impact
173	Angophora costata	17	9	450	Good	Good	High	1	No Impact	No Impact
174	Syncarpia glomulifera	13	6	250	Good	Fair	High	1	No Impact	No Impact
175	Eucalyptus saligna	21	10	550	Good	Good	High	1	No Impact	No Impact
176	Angophora costata	14	4	200	Good	Fair	High	1	No Impact	No Impact
177	Syncarpia glomulifera	13	8	400	Good	Good	High	1	No Impact	No Impact
178	Syncarpia glomulifera	15	6	350	Good	Good	High	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
179	Angophora costata	15	7	450	Good	Good	High	1	No Impact	No Impact
180	Syncarpia glomulifera	18	8	900	Good	Good	High	1	No Impact	No Impact
181	Syncarpia glomulifera	15	5	350	Good	Good	High	1	No Impact	No Impact
182	Syncarpia glomulifera	15	5	400	Good	Fair	High	1	No Impact	No Impact
183	Syncarpia glomulifera	16	5	450	Good	Good	High	1	No Impact	No Impact
184	Syncarpia glomulifera	16	7	450	Good	Good	High	1	No Impact	No Impact
185	Syncarpia glomulifera	15	6	450	Good	Fair	High	1	No Impact	No Impact
186	Syncarpia glomulifera	14	5	400	Good	Good	High	1	No Impact	No Impact
187	Syncarpia glomulifera	10	3	200	Good	Fair	High	1	No Impact	No Impact
188	Syncarpia glomulifera	11	3	250	Good	Good	High	1	No Impact	No Impact
189	Syncarpia glomulifera	11	3	250	Good	Good	High	1	No Impact	No Impact
190	Syncarpia glomulifera	9	7	400	Good	Poor	Low	1	No Impact	No Impact
191	Angophora floribunda	16	7	400	Good	Good	High	1	No Impact	No Impact
192	Angophora floribunda	16	7	400	Good	Good	High	1	No Impact	No Impact
193	Acacia longifolia	7	6	350	Good	Poor	Low	1	No Impact	No Impact
194	Angophora floribunda	16	3	250	Good	Good	High	1	No Impact	No Impact
195	Angophora floribunda	17	5	450	Good	Good	High	1	No Impact	No Impact
198	Eucalyptus grandis	13	4	250	Good	Good	High	1	No Impact	No Impact
199	Angophora costata	20	17	850	Good	Good	High	1	No Impact	No Impact
200	Syncarpia glomulifera	14	5	350	Good	Good	High	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
201	Syncarpia glomulifera	13	6	350	Good	Good	High	1	No Impact	No Impact
202	Eucalyptus saligna	13	5	250	Fair	Good	High	1	No Impact	No Impact
203	Eucalyptus saligna	21	6	400	Good	Good	High	1	No Impact	No Impact
204	Syncarpia glomulifera	14	7	400	Good	Good	High	1	No Impact	No Impact
205	Eucalyptus grandis	20	9	400	Good	Good	High	1	No Impact	No Impact
206	Allocasuarina littoralis	13	6	300	Poor	Good	Low	1	No Impact	No Impact
207	Eucalyptus grandis	19	7	350	Good	Good	High	1	No Impact	No Impact
208	Syncarpia glomulifera	12	9	400	Good	Good	High	1	No Impact	No Impact
209	Allocasuarina littoralis	12	3	200	Fair	Fair	Medium	1	No Impact	No Impact
210	Allocasuarina littoralis	15	3	250	Fair	Good	High	1	No Impact	No Impact
211	Syncarpia glomulifera	12	5	250	Good	Good	High	1	No Impact	No Impact
212	Angophora costata	19	7	500	Good	Good	High	1	No Impact	No Impact
213	Angophora costata	14	7	250	Good	Fair	High	1	No Impact	No Impact
214	Syncarpia glomulifera	14	3	200	Good	Good	High	1	No Impact	No Impact
215	Syncarpia glomulifera	15	3	200	Good	Good	High	1	No Impact	No Impact
216	Allocasuarina littoralis	9	6	300	Fair	Fair	Medium	1	No Impact	No Impact
217	Allocasuarina littoralis	14	4	200	Fair	Fair	Medium	1	No Impact	No Impact
218	Eucalyptus microcorys	15	4	200	Good	Good	High	1	No Impact	No Impact
219	Allocasuarina littoralis	13	5	250	Fair	Fair	Medium	1	No Impact	No Impact
220	Allocasuarina littoralis	13	6	200	Fair	Fair	Medium	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
221	Eucalyptus saligna	16	4	250	Good	Good	High	1	No Impact	No Impact
222	Allocasuarina littoralis	13	5	250	Fair	Fair	Medium	1	No Impact	No Impact
223	Eucalyptus microcorys	16	10	550	Fair	Good	High	1	Low Impact	No Impact
224	Pittosporum undulatum	8	4	150	Good	Fair	Medium	1	No Impact	No Impact
225	Ligustrum sinense	8	3	200	Good	Fair	Low	1	No Impact	No Impact
226	Cinnamomum camphora	12	6	350	Good	Fair	Low	1	No Impact	No Impact
227.	Syncarpia glomulifera	17	8	800	Good	Good	High	1	No Impact	No Impact
228	Angophora floribunda	20	10	550	Good	Good	High	1	No Impact	No Impact
229	Acacia baileyana	18	8	250	Fair	Fair	Medium	1	Low Impact	No Impact
230	Eucalyptus microcorys	20	10	400	Good	Fair	High	1	Medium Impact	No Impact
231	Angophora costata	20	9	350	Good	Fair	High	1	High Impact	Removed in Demolition
232	Angophora costata	22	12	800	Good	Good	High	1	Low Impact	Low Impact
233	Angophora costata	14	3	200	Good	Fair	High	1	No Impact	No Impact
234	Angophora costata	22	11	800	Good	Good	High	1	Low Impact	Low Impact
235	Ligustrum sinense	4	4	300	Fair	Poor	Low	1	No Impact	No Impact
236	Eucalyptus eugenioides	12	7	200	Fair	Fair	Medium	1	No Impact	No Impact
237	Eucalyptus eugenioides	17	5	200	Good	Fair	High	1	No Impact	No Impact
238	Melaleuca styphelioides	9	5	300	Fair	Fair	Medium	1	Low Impact	No Impact
239	Eucalyptus microcorys	17	9	400	Good	Good	High	1	No Impact	No Impact
240	Eucalyptus microcorys	17	8	500	Good	Good	High	1	No Impact	No Impact

Tree Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
241 Eucalyptus pilularis	14	5	200	Good	Good	High	1	No Impact	No Impact
242 Eucalyptus microcorys	17	7	350	Good	Good	High	1	No Impact	No Impact
243 Eucalyptus microcorys	13	3	200	Fair	Fair	Medium	1	No Impact	No Impact
244 Eucalyptus microcorys	13	4	200	Good	Good	High	1	No Impact	No Impact
245 Allocasuarina littoralis	8	6	250	Poor	Poor	Low	1	No Impact	No Impact
246 Eucalyptus microcorys	17	8	600	Good	Good	High	1	No Impact	No Impact
247 Eucalyptus microcorys	15	5	300	Good	Fair	High	1	No Impact	No Impact
248 Eucalyptus microcorys	19	6	350	Good	Good	High	1	No Impact	No Impact
249 Eucalyptus microcorys	17	6	350	Good	Fair	High	1	No Impact	No Impact
250 Eucalyptus microcorys	16	7	350	Fair	Fair	Medium	1	No Impact	No Impact
251 Eucalyptus microcorys	19	7	400	Good	Good	High	1	No Impact	No Impact
252 Eucalyptus microcorys	11	5	250	Poor	Poor	Low	1	No Impact	No Impact
253 Eucalyptus microcorys	18	8	400	Good	Good	High	1	No Impact	No Impact
254 Eucalyptus microcorys	18	9	350	Good	Good	High	1	No Impact	No Impact
255 Eucalyptus microcorys	18	5	300	Good	Good	High	1	No Impact	No Impact
256 Eucalyptus microcorys	18	6	300	Good	Good	High	1	No Impact	No Impact
257 Pittosporum undulatum	6	6	250	Good	Fair	Medium	1	No Impact	No Impact
258 Eucalyptus microcorys	12	3	200	Fair	Fair	Medium	1	No Impact	No Impact
259 Allocasuarina littoralis	5	3	200	Fair	Poor	Low	1	No Impact	No Impact
260 Allocasuarina littoralis	11	3	200	Good	Good	High	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
261	Eucalyptus microcorys	15	7	350	Fair	Good	High	1	No Impact	No Impact
262	Eucalyptus microcorys	16	10	450	Fair	Fair	Medium	1	No Impact	No Impact
263	Pittosporum undulatum	7	7	250	Good	Fair	High	1	No Impact	No Impact
264	Pittosporum undulatum	7	5	200	Good	Good	High	1	No Impact	No Impact
265	Allocasuarina littoralis	15	8	350	Fair	Fair	Medium	1	No Impact	No Impact
266	Allocasuarina littoralis	17	9	400	Good	Good	High	1	No Impact	No Impact
267	Pittosporum undulatum	7	3	150	Fair	Fair	Medium	2	No Impact	High Impact
268	Ligustrum sp.	7	4	250	Fair	Poor	Low	1	No Impact	High Impact
269	Eucalyptus grandis	14	6	250	Fair	Fair	Medium	1	No Impact	High Impact
270	Eucalyptus pilularis	17	8	350	Good	Fair	High	1	No Impact	High Impact
271	Casuarina glauca	17	4	250	Good	Fair	High	1	No Impact	High Impact
272	Eucalyptus pilularis	15	6	250	Fair	Good	Medium	1	No Impact	High Impact
273	Eucalyptus pilularis	20	11	400	Good	Good	High	1	Medium Impact	High Impact
274	Ligustrum sp.	6	5	200	Good	Fair	Low	1	High Impact	Removed in Demolition
275	Pittosporum undulatum	10	4	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
276	Cinnamomum camphora	11	6	200	Poor	Fair	Low	1	High Impact	Removed in Demolition
277	Pittosporum undulatum	12	6	200	Good	Fair	Medium	1	Low Impact	High Impact
278	Pittosporum undulatum	12	5	200	Good	Fair	Medium	1	No Impact	High Impact
279	Acacia sp.	4	3	100	Fair	Fair	Low	1	No Impact	High Impact
280	Ligustrum sp.	12	6	250	Fair	Poor	Low	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
281	Eucalyptus saligna	14	5	300	Fair	Fair	Medium	1	No Impact	High Impact
282	Eucalyptus saligna	18	6	300	Good	Good	High	1	No Impact	High Impact
283	Olea africana	6	4	150	Fair	Poor	Low	1	No Impact	High Impact
284	Eucalyptus saligna	14	5	150	Fair	Fair	Medium	1	No Impact	High Impact
285	Eucalyptus pilularis	10	4	150	Good	Fair	Medium	1	No Impact	High Impact
286	Eucalyptus saligna	21	15	550	Good	Good	High	1	No Impact	High Impact
287	Casuarina glauca	12	3	150	Good	Good	Medium	1	No Impact	High Impact
288	Casuarina glauca	13	3	150	Good	Good	Medium	1	No Impact	High Impact
289	Casuarina glauca	15	4	250	Good	Good	Medium	1	No Impact	High Impact
290	Casuarina glauca	13	5	200	Good	Good	Medium	1	No Impact	High Impact
291	Eucalyptus microcorys	18	7	300	Good	Good	High	1	Medium Impact	High Impact
292	Eucalyptus pilularis	12	8	350	Good	Fair	High	1	No Impact	High Impact
293	Syncarpia glomulifera	6	3	100	Fair	Poor	Low	1	No Impact	High Impact
294	Casuarina glauca	15	3	200	Good	Good	High	1	No Impact	High Impact
295	Casuarina glauca	6	2	100	Fair	Poor	Low	1	No Impact	High Impact
296	Casuarina glauca	15	6	250	Good	Good	High	1	No Impact	High Impact
297	Casuarina glauca	15	4	250	Good	Fair	High	1	No Impact	High Impact
298	Syncarpia glomulifera	8	3	150	Good	Fair	Medium	1	No Impact	High Impact
299	Syncarpia glomulifera	13	5	300	Good	Fair	High	1	No Impact	High Impact
300	Eucalyptus saligna	15	7	300	Good	Fair	Medium	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
301	Eucalyptus pilularis	13	5	250	Good	Fair	Medium	1	No Impact	High Impact
302	Eucalyptus pilularis	15	7	350	Good	Poor	Low	1	No Impact	High Impact
303	Eucalyptus pilularis	15	12	350	Good	Good	High	1	No Impact	High Impact
304	Allocasuarina littoralis	15	6	400	Good	Fair	High	1	No Impact	High Impact
305	Fraxinus excelsior	7	6	250	Fair	Fair	Medium	1	No Impact	High Impact
306	Fraxinus excelsior	8	6	250	Fair	Fair	Medium	1	No Impact	High Impact
307	Fraxinus excelsior	7	6	250	Fair	Fair	Medium	1	No Impact	High Impact
308	Callistemon viminalis	8	6	250	Good	Fair	Medium	1	Medium Impact	High Impact
309	Callistemon viminalis	9	7	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
310	Fraxinus excelsior	6	5	250	Fair	Fair	Medium	1	No Impact	High Impact
311	Unknown species	4	4	150	Poor	Poor	Low	1	Low Impact	High Impact
312	Fraxinus excelsior	9	5	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
313	Fraxinus excelsior	9	6	200	Fair	Fair	Medium	1	Low Impact	High Impact
314	Fraxinus excelsior	8	6	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
315	Casuarina glauca	6	1	100	Poor	Poor	Low	1	High Impact	Removed in Demolition
316	Melaleuca sp.	12	4	100	Fair	Fair	Medium	6	High Impact	Removed in Demolition
317	Syncarpia glomulifera	16	7	400	Good	Good	High	1	High Impact	Removed in Demolition
318	Leptospermum sp.	9	7	150	Fair	Fair	Low	1	High Impact	Removed in Demolition
319	Juniperus sp.	14	5	350	Fair	Poor	Low	1	High Impact	Removed in Demolition
320	Unknown species	10	3	150	Poor	Poor	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
321	Syncarpia glomulifera	14	7	350	Good	Good	High	1	High Impact	Removed in Demolition
322	Syncarpia glomulifera	14	5	350	Good	Fair	Medium	1	High Impact	Removed in Demolition
323	Unknown species	4	4	150	Fair	Fair	Low	1	High Impact	Removed in Demolition
324	Syncarpia glomulifera	14	5	350	Good	Fair	Medium	1	High Impact	Removed in Demolition
325	Pittosporum undulatum	4	3	150	Fair	Poor	Low	1	High Impact	Removed in Demolition
326	Syncarpia glomulifera	14	4	350	Good	Fair	Medium	1	High Impact	Removed in Demolition
327	Pittosporum undulatum	11	5	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
328	Unknown species	14	6	300	Fair	Fair	Medium	1	High Impact	Removed in Demolition
329	Syzygium australe	7	4	150	Good	Fair	Medium	3	High Impact	Removed in Demolition
330	Fraxinus excelsior	8	6	250	Fair	Fair	Medium	1	No Impact	High Impact
331	Fraxinus excelsior	8	6	250	Fair	Fair	Medium	1	No Impact	High Impact
332	Fraxinus excelsior	8	6	250	Fair	Fair	Medium	1	No Impact	High Impact
333	Fraxinus griffithii	7	4	200	Fair	Fair	Medium	1	No Impact	High Impact
334	Fraxinus excelsior	7	5	200	Fair	Fair	Medium	1	No Impact	High Impact
335	Fraxinus excelsior	8	5	200	Fair	Fair	Medium	1	No Impact	High Impact
336	Ligustrum sinense	7	3	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
337	Ligustrum lucidum	8	3	150	Fair	Fair	Low	2	High Impact	Removed in Demolition
338	Callistemon sp.	10	3	100	Fair	Fair	Medium	7	High Impact	Removed in Demolition
339	Callistemon sp.	10	3	150	Fair	Fair	Medium	7	High Impact	Removed in Demolition
340	Ligustrum lucidum	8	3	100	Fair	Poor	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
341	Syncarpia glomulifera	15	6	400	Good	Fair	High	1	High Impact	Removed in Demolition
342	Syncarpia glomulifera	15	7	400	Good	Fair	High	1	High Impact	Removed in Demolition
343	Callistemon sp.	15	5	250	Good	Fair	High	1	High Impact	Removed in Demolition
344	Callistemon sp.	14	3	150	Fair	Fair	Medium	2	High Impact	Removed in Demolition
345	Syncarpia glomulifera	15	5	300	Good	Fair	High	1	High Impact	Removed in Demolition
346	Fraxinus excelsior	7	4	250	Fair	Fair	Medium	1	No Impact	High Impact
347	Fraxinus excelsior	7	5	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition
348	Syzygium australe	17	4	150	Fair	Fair	Medium	2	High Impact	Removed in Demolition
349	Syncarpia glomulifera	17	5	400	Good	Fair	High	1	High Impact	Removed in Demolition
350	Syzygium australe	16	5	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
351	Fraxinus excelsior	7	5	200	Fair	Fair	Medium	1	No Impact	High Impact
352	Callistemon sp.	11	3	200	Good	Fair	Medium	4	High Impact	Removed in Demolition
353	Syncarpia glomulifera	10	4	200	Good	Fair	Medium	1	High Impact	Removed in Demolition
354	Ligustrum sp.	8	2	100	Good	Poor	Low	8	High Impact	Removed in Demolition
355	Syncarpia glomulifera	12	3	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition
356	Eucalyptus microcorys	15	5	350	Fair	Good	High	1	Medium Impact	High Impact
357	Eucalyptus microcorys	10	3	150	Good	Fair	Medium	1	No Impact	High Impact
358	Eucalyptus microcorys	14	5	150	Good	Fair	Medium	1	No Impact	High Impact
359	Syncarpia glomulifera	9	3	150	Fair	Good	Medium	1	No Impact	High Impact
360	Morus sp.	8	6	200	Fair	Poor	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
361	Morus sp.	7	6	200	Fair	Fair	Low	1	High Impact	Removed in Demolition
362	Fraxinus excelsior	11	7	250	Fair	Fair	Medium	1	No Impact	High Impact
363	Fraxinus excelsior	11	5	200	Fair	Good	Medium	1	No Impact	High Impact
364	Fraxinus excelsior	10	6	200	Fair	Fair	Medium	1	No Impact	High Impact
365	Syncarpia glomulifera	20	9	400	Good	Fair	High	1	High Impact	Removed in Demolition
366	Fraxinus excelsior	7	4	200	Fair	Fair	Medium	1	No Impact	High Impact
367	Fraxinus excelsior	10	4	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
368	Eucalyptus punctata	22	12	500	Good	Good	High	1	High Impact	Removed in Demolition
369	Fraxinus excelsior	8	5	200	Fair	Fair	Medium	1	Low Impact	High Impact
370	Fraxinus excelsior	8	4	150	Fair	Fair	Medium	1	No Impact	High Impact
371	Syncarpia glomulifera	15	7	350	Good	Fair	High	1	High Impact	Removed in Demolition
372	Syncarpia glomulifera	18	7	400	Good	Fair	High	1	High Impact	Removed in Demolition
373	Ligustrum lucidum	13	5	250	Good	Fair	Low	1	High Impact	Removed in Demolition
374	Callistemon sp.	14	3	100	Good	Fair	Medium	5	High Impact	Removed in Demolition
375	Fraxinus excelsior	7	3	150	Fair	Fair	Medium	1	No Impact	High Impact
376	Fraxinus excelsior	8	4	100	Fair	Fair	Medium	1	No Impact	High Impact
377	Syncarpia glomulifera	20	9	400	Good	Fair	High	1	High Impact	Removed in Demolition
378	Syncarpia glomulifera	12	4	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
379	Jacaranda mimosifolia	10	5	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
380	Syzygium australe	7	2	100	Good	Fair	Medium	3	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
381	Ligustrum lucidum	8	3	100	Fair	Fair	Low	3	High Impact	Removed in Demolition
382	Fraxinus excelsior	7	4	200	Fair	Fair	Medium	1	No Impact	High Impact
383	Fraxinus excelsior	7	3	200	Fair	Fair	Medium	1	No Impact	High Impact
384	Fraxinus excelsior	9	4	200	Fair	Good	Medium	1	No Impact	High Impact
385	Callistemon sp.	15	6	200	Good	Good	High	4	High Impact	Removed in Demolition
386	Ligustrum lucidum	14	4	150	Good	Fair	Low	4	High Impact	Removed in Demolition
387	Syzygium australe	12	3	150	Good	Fair	Medium	3	High Impact	Removed in Demolition
388	Cotoneaster sp.	5	4	150	Good	Poor	Low	1	High Impact	Removed in Demolition
389	Melaleuca sp.	6	5	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
390	Callistemon sp.	11	4	200	Good	Fair	Medium	7	High Impact	Removed in Demolition
391	Melaleuca sp.	7	4	150	Good	Fair	Medium	2	High Impact	Removed in Demolition
392	Fraxinus excelsior	6	3	100	Fair	Fair	Medium	1	No Impact	High Impact
393	Fraxinus excelsior	7	3	150	Good	Good	Medium	1	No Impact	High Impact
394	Fraxinus excelsior	7	4	150	Good	Fair	Medium	1	No Impact	High Impact
395	Callistemon sp.	11	4	200	Good	Fair	Medium	1	High Impact	Removed in Demolition
396	Syncarpia glomulifera	18	8	400	Good	Fair	High	1	High Impact	Removed in Demolition
397	Syncarpia glomulifera	18	5	350	Good	Fair	High	1	High Impact	Removed in Demolition
398	Callistemon sp.	15	2	100	Fair	Fair	Low	2	High Impact	Removed in Demolition
399	Syzygium australe	7	2	100	Good	Fair	Medium	1	High Impact	Removed in Demolition
400	Callistemon sp.	10	4	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
401	Unknown species	5	3	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
402	Fraxinus excelsior	6	3	150	Fair	Fair	Medium	1	No Impact	High Impact
403	Fraxinus excelsior	7	5	150	Fair	Fair	Medium	1	Low Impact	High Impact
404	Plumeria species	3	3	100	Fair	Fair	Medium	1	High Impact	Removed in Demolition
405	Eriobotrya japonica	6	5	200	Fair	Fair	Low	1	High Impact	Removed in Demolition
406	Citrus species	4	3	100	Fair	Fair	Low	1	High Impact	Removed in Demolition
407	Syzygium australe	8	3	150	Fair	Fair	Medium	2	High Impact	Removed in Demolition
408	Bauhinia variegata	9	5	200	Poor	Fair	Low	5	High Impact	Removed in Demolition
409	Phoenix canariensis	8	3	400	Fair	Poor	Low	1	High Impact	Removed in Demolition
410	Pistacia chinensis	7	4	200	Fair	Fair	Medium	1	No Impact	High Impact
411	Fraxinus excelsior	7	4	150	Fair	Fair	Medium	1	No Impact	High Impact
412	Acacia elata	5	2	100	Fair	Fair	Medium	3	No Impact	High Impact
413	Syncarpia glomulifera	13	5	300	Good	Fair	Medium	1	Low Impact	High Impact
414	Syncarpia glomulifera	13	5	400	Good	Fair	Medium	1	No Impact	High Impact
415	Syncarpia glomulifera	13	3	350	Fair	Fair	Medium	1	Medium Impact	High Impact
416	Eucalyptus pilularis	20	7	350	Good	Fair	High	1	High Impact	Removed in Demolition
417	Ligustrum lucidum	9	4	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
418	Eucalyptus pilularis	21	8	350	Good	Fair	High	1	High Impact	Removed in Demolition
419	Eucalyptus pilularis	23	8	500	Good	Good	High	1	High Impact	Removed in Demolition
420	Phoenix canariensis	6	6	600	Good	Good	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
421	Eucalyptus pilularis	22	16	500	Fair	Fair	Medium	1	High Impact	Removed in Demolition
422	Eucalyptus pilularis	16	5	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
423	Pistacia chinensis	10	7	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
424	Eucalyptus saligna	26	8	550	Good	Good	High	1	High Impact	Removed in Demolition
425	Acacia sp.	10	7	300	Poor	Poor	Low	1	No Impact	High Impact
426	Fraxinus excelsior	7	5	250	Good	Fair	Medium	1	No Impact	High Impact
427	Fraxinus excelsior	7	5	200	Fair	Fair	Medium	1	No Impact	High Impact
428	Eucalyptus tereticornis	16	7	300	Poor	Fair	Low	1	High Impact	Removed in Demolition
429	Eucalyptus sp.	5	3	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
430	Fraxinus excelsior	8	6	200	Fair	Fair	Medium	1	No Impact	High Impact
431	Fraxinus excelsior	7	5	150	Fair	Fair	Medium	1	No Impact	High Impact
432	Syncarpia glomulifera	10	5	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
433	Syncarpia glomulifera	13	7	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
434	Syncarpia glomulifera	14	6	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
435	Syncarpia glomulifera	15	5	350	Good	Fair	High	1	High Impact	Removed in Demolition
436	Syncarpia glomulifera	14	5	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
437	Syzygium australe	8	3	100	Good	Fair	Medium	6	High Impact	Removed in Demolition
438	Syzygium australe	9	3	200	Good	Fair	Medium	1	High Impact	Removed in Demolition
439	Syzygium australe	11	5	200	Good	Fair	Medium	1	High Impact	Removed in Demolition
440	Syncarpia glomulifera	10	3	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
441	Ligustrum lucidum	11	7	300	Good	Fair	Low	1	High Impact	Removed in Demolition
442	Syncarpia glomulifera	14	6	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
443	Fraxinus excelsior	5	2	100	Fair	Poor	Low	1	No Impact	High Impact
444	Fraxinus excelsior	8	3	100	Fair	Fair	Medium	1	No Impact	High Impact
445	Fraxinus excelsior	7	3	100	Fair	Fair	Medium	1	No Impact	High Impact
446	Fraxinus excelsior	11	6	200	Fair	Fair	Medium	1	Low Impact	High Impact
447	Fraxinus excelsior	10	6	200	Fair	Fair	Medium	1	No Impact	High Impact
448	Syzygium australe	6	5	100	Good	Fair	Medium	1	High Impact	Removed in Demolition
449	Callistemon sp.	12	6	300	Good	Fair	High	3	High Impact	Removed in Demolition
450	Schefflera actinophylla	11	3	100	Good	Fair	Low	1	High Impact	Removed in Demolition
451	Ligustrum lucidum	7	3	100	Good	Fair	Low	1	High Impact	Removed in Demolition
452	Phoenix canariensis	3	3	400	Poor	Poor	Low	1	High Impact	Removed in Demolition
453	Syncarpia glomulifera	11	6	300	Poor	Fair	Low	1	High Impact	Removed in Demolition
454	Fraxinus excelsior	7	4	200	Good	Fair	Medium	1	No Impact	High Impact
455	Fraxinus excelsior	6	4	200	Fair	Fair	Medium	1	No Impact	High Impact
466	Fraxinus excelsior	5	5	150	Good	Fair	Medium	1	No Impact	High Impact
467	Fraxinus excelsior	5	4	150	Fair	Fair	Medium	1	No Impact	High Impact
468	Syncarpia glomulifera	15	7	400	Fair	Fair	Medium	1	High Impact	Removed in Demolition
469	Syncarpia glomulifera	15	5	300	Fair	Fair	Medium	1	High Impact	Removed in Demolition
470	Callistemon viminalis	2	2	100	Fair	Poor	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
471	Ligustrum lucidum	6	4	100	Good	Fair	Low	1	High Impact	Removed in Demolition
472	Syzygium australe	8	3	100	Good	Fair	Medium	1	High Impact	Removed in Demolition
473	Syncarpia glomulifera	19	6	350	Good	Fair	High	1	High Impact	Removed in Demolition
474	Syncarpia glomulifera	19	6	350	Good	Fair	High	1	High Impact	Removed in Demolition
475	Fraxinus excelsior	7	4	200	Fair	Fair	Medium	1	No Impact	High Impact
476	Fraxinus excelsior	8	6	200	Good	Fair	Medium	1	No Impact	High Impact
477	Fraxinus excelsior	10	6	200	Fair	Fair	Medium	1	No Impact	High Impact
478	Fraxinus excelsior	12	8	300	Good	Fair	Medium	1	Low Impact	High Impact
479	Syzygium australe	10	2	100	Good	Fair	Medium	2	High Impact	Removed in Demolition
480	Syzygium australe	12	3	200	Good	Fair	High	1	High Impact	Removed in Demolition
481	Syzygium australe	13	5	250	Good	Fair	High	1	High Impact	Removed in Demolition
482	Unknown species	5	5	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
483	Yakka species	6	3	100	Fair	Fair	Low	2	High Impact	Removed in Demolition
484	Angophora costata	20	10	750	Good	Fair	High	1	No Impact	High Impact
485	Cupaniopsis anacardioides	5	3	100	Fair	Fair	Medium	1	No Impact	High Impact
486	Cupaniopsis anacardioides	4	3	100	Fair	Fair	Medium	1	High Impact	Removed in Demolition
4861	Cupaniopsis anacardioides	4	3	100	Fair	Fair	Low	1	High Impact	Removed in Demolition
487	Jacaranda mimosifolia	6	4	150	Fair	Fair	Low	1	High Impact	Removed in Demolition
488	Jacaranda mimosifolia	6	5	150	Fair	Fair	Low	1	High Impact	Removed in Demolition
489	Juniperus sp.	14	6	350	Good	Fair	Medium	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
490	Washingtonia robusta	7	5	300	Good	Good	Medium	1	High Impact	Removed in Demolition
491	Cupaniopsis anacardioides	3	2	100	Fair	Fair	Low	1	High Impact	Removed in Demolition
492	Cupaniopsis anacardioides	3	2	100	Fair	Fair	Low	1	High Impact	Removed in Demolition
493	Acacia longifolia	4	1	100	Fair	Fair	Low	1	High Impact	Removed in Demolition
494	Cupaniopsis anacardioides	5	2	100	Fair	Fair	Medium	1	Medium Impact	High Impact
495	Cupaniopsis anacardioides	5	2	100	Fair	Fair	Medium	1	High Impact	Removed in Demolition
496	Cupaniopsis anacardioides	4	2	100	Fair	Fair	Low	1	High Impact	Removed in Demolition
497	Cupaniopsis anacardioides	4	2	100	Fair	Fair	Medium	1	High Impact	Removed in Demolition
498	Cupaniopsis anacardioides	5	2	100	Fair	Fair	Low	1	No Impact	High Impact
499	Cupaniopsis anacardioides	4	2	100	Fair	Fair	Low	1	No Impact	High Impact
500	Jasminum sp	5	3	100	Good	Fair	Medium	8	High Impact	Removed in Demolition
501	Ligustrum sinense	7	6	150	Good	Fair	Low	1	High Impact	Removed in Demolition
502	Eucalyptus botryoides	14	7	350	Good	Fair	High	1	High Impact	Removed in Demolition
503	Eucalyptus botryoides	13	8	300	Fair	Fair	Medium	1	High Impact	Removed in Demolition
504	Casuarina glauca	15	6	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
505	Casuarina glauca	14	5	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
506	Casuarina glauca	15	5	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
507	Casuarina glauca	20	6	700	Good	Fair	High	1	High Impact	Removed in Demolition
508	Casuarina glauca	20	7	400	Good	Fair	High	1	High Impact	Removed in Demolition
509	Melaleuca sp.	6	5	250	Good	Fair	Medium	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
510	Callistemon viminalis	6	4	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
511	Syzygium australe	4	2	100	Fair	Fair	Low	1	High Impact	Removed in Demolition
512	Syagrus romanzoffiana	6	2	150	Good	Fair	Low	1	High Impact	Removed in Demolition
513	Pittosporum undulatum	9	5	150	Good	Fair	Medium	1	High Impact	Removed in Demolition
514	Melaleuca quinquenervia	10	6	350	Good	Good	Medium	1	High Impact	Removed in Demolition
515	Lagerstroemia indica	5	3	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
516	Ligustrum lucidum	7	4	200	Good	Poor	Low	1	High Impact	Removed in Demolition
517	Schefflera actinophylla	2	2	200	Good	Poor	Low	1	High Impact	Removed in Demolition
518	Casuarina glauca	21	8	350	Good	Fair	High	1	High Impact	Removed in Demolition
519	Casuarina glauca	21	10	350	Good	Fair	High	1	High Impact	Removed in Demolition
520	Syncarpia glomulifera	16	8	350	Good	Fair	High	1	High Impact	Removed in Demolition
521	Casuarina glauca	24	8	400	Good	Fair	High	1	High Impact	Removed in Demolition
522	Casuarina glauca	20	9	400	Good	Fair	High	1	High Impact	Removed in Demolition
523	Schefflera actinophylla	8	4	150	Good	Fair	Low	1	Low Impact	High Impact
524	Eucalyptus pilularis	22	9	550	Good	Good	High	1	No Impact	High Impact
525	Jacaranda mimosifolia	9	9	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
526	Fagus sylvatica	5	4	150	Fair	Fair	Low	1	High Impact	Removed in Demolition
527	Photinia robusta	5	4	150	Good	Fair	Low	1	High Impact	Removed in Demolition
528	Callistemon sp.	5	4	100	Fair	Fair	Medium	1	High Impact	Removed in Demolition
529	Unknown species	6	4	150	Poor	Fair	Low	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
530	Jasminum species	5	5	200	Good	Fair	Low	1	High Impact	Removed in Demolition
531	Unknown species	20	9	350	Fair	Good	High	1	High Impact	Removed in Demolition
532	Juniperus sp.	17	8	800	Good	Fair	Medium	1	High Impact	Removed in Demolition
533	Lagerstroemia indica	4	3	150	Fair	Poor	Low	1	High Impact	Removed in Demolition
534	Unknown species	6	4	150	Good	Good	Medium	1	High Impact	Removed in Demolition
535	Casuarina glauca	16	7	400	Good	Fair	High	1	Medium Impact	High Impact
536	Casuarina glauca	18	6	400	Good	Fair	High	1	High Impact	Removed in Demolition
537	Grevillea robusta	16	4	300	Good	Good	High	1	High Impact	Removed in Demolition
538	Ulmus parvifolia	7	5	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
539	Syncarpia glomulifera	16	6	350	Good	Fair	Medium	1	High Impact	Removed in Demolition
540	Syagrus romanzoffiana	15	5	300	Good	Good	Medium	1	Low Impact	High Impact
541	Juniperus sp.	15	6	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
542	Syagrus romanzoffiana	15	5	300	Good	Good	Medium	1	High Impact	Removed in Demolition
543	Grevillea robusta	22	8	400	Good	Good	High	1	Low Impact	High Impact
544	Juniperus sp.	15	5	200	Good	Good	Medium	1	No Impact	High Impact
545	Syagrus romanzoffiana	18	6	300	Fair	Fair	Medium	1	No Impact	High Impact
546	Casuarina glauca	18	5	350	Good	Fair	High	1	No Impact	High Impact
547	Callistemon viminalis	7	4	150	Fair	Fair	Medium	1	No Impact	High Impact
548	Casuarina glauca	20	6	400	Good	Fair	High	1	No Impact	High Impact
549	Celtis australis	8	4	150	Fair	Fair	Low	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
550	Syzygium australe	5	3	100	Fair	Fair	Medium	1	No Impact	High Impact
551	Celtis australis	6	5	200	Good	Fair	Low	1	High Impact	Removed in Demolition
552	Ligustrum lucidum	4	5	150	Fair	Poor	Low	1	High Impact	Removed in Demolition
553	Ligustrum sinense	4	5	150	Fair	Poor	Low	1	High Impact	Removed in Demolition
554	Grevillea robusta	9	3	150	Good	Good	Medium	1	High Impact	Removed in Demolition
555	Callistemon viminalis	8	6	200	Good	Fair	Medium	1	High Impact	Removed in Demolition
556	Callistemon viminalis	8	4	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition
557	Banksia integrifolia	9	5	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
558	Schefflera actinophylla	9	5	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
559	Syncarpia glomulifera	12	6	350	Good	Fair	High	1	High Impact	Removed in Demolition
560	Morus sp.	9	7	300	Fair	Fair	Low	1	High Impact	Removed in Demolition
561	Acer species	8	5	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
562	Juniperus sp.	3	2	100	Good	Fair	Low	2	High Impact	Removed in Demolition
563	Morus sp.	4	4	100	Poor	Poor	Low	1	High Impact	Removed in Demolition
564	Juniperus sp.	3	2	150	Good	Fair	Low	1	High Impact	Removed in Demolition
565	Morus sp.	10	10	300	Good	Poor	Low	1	High Impact	Removed in Demolition
566	Ligustrum lucidum	10	4	150	Good	Fair	Low	1	High Impact	Removed in Demolition
567	Eucalyptus eugenioides	19	14	600	Good	Fair	High	1	High Impact	Removed in Demolition
568	Syncarpia glomulifera	15	10	600	Good	Fair	High	1	High Impact	Removed in Demolition
569	Celtis australis	7	7	300	Good	Fair	Low	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
570 <i>C</i>	eltis australis	7	6	250	Fair	Fair	Low	1	No Impact	High Impact
571 <i>E</i>	ucalyptus robusta	22	8	500	Good	Good	High	1	Low Impact	High Impact
572 <i>E</i>	ucalyptus robusta	7	6	200	Fair	Fair	Medium	1	No Impact	High Impact
573 <i>E</i>	ucalyptus robusta	20	6	350	Fair	Good	High	1	No Impact	High Impact
574 <i>E</i>	ucalyptus scoparia	21	10	900	Good	Good	High	1	High Impact	Removed in Demolition
575 <i>E</i>	ucalyptus microcorys	21	10	400	Good	Fair	High	1	High Impact	Removed in Demolition
576 <i>E</i>	ucalyptus robusta	19	12	850	Good	Fair	High	1	High Impact	Removed in Demolition
577 E	ucalyptus robusta	9	6	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
578 <i>E</i>	ucalyptus microcorys	18	6	300	Fair	Fair	Medium	1	High Impact	Removed in Demolition
579 <i>E</i>	ucalyptus microcorys	16	6	300	Fair	Fair	Medium	1	Medium Impact	High Impact
580 <i>E</i>	ucalyptus eugenioides	21	10	450	Fair	Fair	High	1	Medium Impact	High Impact
581 <i>A</i>	rchontophoenix alexandrae	15	6	250	Good	Good	Medium	1	Medium Impact	High Impact
582 <i>E</i>	ucalyptus sp.	16	8	300	Fair	Fair	Medium	1	Low Impact	High Impact
583 <i>E</i>	ucalyptus sp.	20	5	300	Fair	Good	High	1	Medium Impact	High Impact
584 <i>E</i>	ucalyptus microcorys	20	6	300	Good	Good	High	1	High Impact	Removed in Demolition
585 <i>A</i>	archontophoenix alexandrae	16	6	300	Good	Good	Medium	2	High Impact	Removed in Demolition
586 <i>A</i>	archontophoenix alexandrae	13	5	300	Fair	Good	Low	2	High Impact	Removed in Demolition
587 <i>C</i>	Callistemon sp.	5	4	200	Good	Fair	Medium	1	No Impact	High Impact
588 <i>C</i>	Callistemon sp.	4	3	100	Good	Fair	Low	1	High Impact	Removed in Demolition
589 U	Inknown species	4	2	100	Good	Fair	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
590	Jasminum species	7	4	200	Good	Fair	Low	1	High Impact	Removed in Demolition
591	Eucalyptus microcorys	15	10	350	Poor	Fair	Low	1	High Impact	Removed in Demolition
592	Ligustrum sinense	5	3	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
593	Ligustrum lucidum	9	5	200	Good	Fair	Low	1	High Impact	Removed in Demolition
594	Callistemon viminalis	3	3	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
595	Robinia pseudoacacia	7	4	200	Good	Fair	Low	1	High Impact	Removed in Demolition
596	Eucalyptus microcorys	25	10	1000	Good	Good	High	1	High Impact	Removed in Demolition
597	Callistemon viminalis	5	4	150	Good	Fair	Medium	1	High Impact	Removed in Demolition
598	Acer palmatum	5	7	200	Good	Fair	Medium	1	High Impact	Removed in Demolition
5981	Pittosporum undulatum	8	4	100	Good	Fair	Medium	1	High Impact	Removed in Demolition
599	Unknown species	10	7	350	Fair	Fair	Medium	1	High Impact	Removed in Demolition
600	Eucalyptus elata	8	10	850	Poor	Fair	Medium	1	High Impact	Removed in Demolition
601	Eucalyptus elata	20	10	600	Fair	Fair	Medium	1	High Impact	Removed in Demolition
602	Syncarpia glomulifera	12	7	350	Good	Good	High	1	High Impact	Removed in Demolition
603	Archontophoenix alexandrae	13	5	250	Fair	Good	Low	1	High Impact	Removed in Demolition
604	Callistemon viminalis	8	5	200	Fair	Fair	Medium	1	No Impact	High Impact
605	Eucalyptus microcorys	15	8	700	Good	Fair	Medium	1	High Impact	Removed in Demolition
606	Phoenix canariensis	5	6	500	Good	Good	Low	1	High Impact	Removed in Demolition
607	Ficus benjamina	8	9	250	Good	Fair	Medium	1	No Impact	High Impact
608	Celtis australis	8	7	300	Good	Fair	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
609	Casuarina glauca	16	7	350	Fair	Fair	Medium	1	High Impact	Removed in Demolition
610	Casuarina glauca	14	6	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
611	Corymbia eximia	10	6	250	Good	Good	Medium	1	High Impact	Removed in Demolition
612	Eucalyptus elata	15	8	400	Poor	Fair	Low	1	High Impact	Removed in Demolition
613	Fraxinus excelsior	13	10	400	Good	Fair	Medium	1	High Impact	Removed in Demolition
614	Fraxinus excelsior	13	9	350	Fair	Fair	Medium	1	High Impact	Removed in Demolition
615	Melaleuca quinquenervia	5	4	100	Fair	Fair	Low	1	High Impact	Removed in Demolition
616	Fraxinus excelsior	14	8	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
617	Melaleuca quinquenervia	5	3	100	Fair	Fair	Medium	1	High Impact	Removed in Demolition
618	Eucalyptus elata	20	12	600	Fair	Good	High	1	High Impact	Removed in Demolition
619	Casuarina glauca	19	7	300	Fair	Fair	Medium	1	High Impact	Removed in Demolition
620	Juniperus sp.	15	4	300	Good	Fair	Medium	4	High Impact	Removed in Demolition
621	Juniperus sp.	17	6	350	Good	Good	Medium	1	High Impact	Removed in Demolition
622	Phoenix canariensis	7	7	500	Good	Good	Low	1	High Impact	Removed in Demolition
623	Archontophoenix alexandrae	12	6	300	Fair	Good	Medium	1	High Impact	Removed in Demolition
624	Syagrus romanzoffiana	10	5	250	Good	Good	Medium	1	High Impact	Removed in Demolition
625	Washingtonia robusta	7	6	300	Good	Good	Medium	1	High Impact	Removed in Demolition
626	Triadica sebifera	10	6	200	Fair	Fair	Low	1	High Impact	Removed in Demolition
627	Archontophoenix alexandrae	11	6	250	Fair	Good	Medium	1	High Impact	Removed in Demolition
628	Euphorbia tirucalli	5	4	150	Good	Fair	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
629	Juniperus sp.	15	5	350	Good	Fair	Medium	1	High Impact	Removed in Demolition
630	Pinus radiata	13	5	350	Good	Fair	Medium	1	High Impact	Removed in Demolition
631	Juniperus sp.	13	3	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
632	Eucalyptus microcorys	12	5	200	Fair	Poor	Low	1	No Impact	High Impact
633	Eucalyptus microcorys	24	9	800	Good	Good	High	1	High Impact	Removed in Demolition
634	Angophora floribunda	20	7	450	Fair	Fair	Medium	1	High Impact	Removed in Demolition
635	Callistemon viminalis	7	4	150	Poor	Fair	Low	1	High Impact	Removed in Demolition
636	Angophora costata	15	7	300	Good	Fair	High	1	High Impact	Removed in Demolition
637	Juniperus sp.	13	5	250	Good	Good	Medium	2	High Impact	Removed in Demolition
638	Eucalyptus saligna	25	10	550	Good	Good	High	1	High Impact	Removed in Demolition
639	Casuarina glauca	12	4	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
640	Callistemon viminalis	4	3	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
641	Archontophoenix alexandrae	6	5	250	Fair	Good	Low	1	High Impact	Removed in Demolition
642	Eucalyptus microcorys	19	9	350	Good	Good	High	1	High Impact	Removed in Demolition
643	Eucalyptus microcorys	19	8	350	Good	Good	High	1	High Impact	Removed in Demolition
644	Eucalyptus microcorys	16	7	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
645	Eucalyptus microcorys	15	8	350	Good	Good	High	1	High Impact	Removed in Demolition
646	Eucalyptus microcorys	15	7	250	Good	Good	High	1	High Impact	Removed in Demolition
647	Eucalyptus microcorys	15	7	250	Good	Good	High	1	High Impact	Removed in Demolition
648	Unknown species	4	4	100	Fair	Fair	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
649	Angophora costata	12	7	250	Good	Good	High	1	High Impact	Removed in Demolition
650	Angophora costata	11	5	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
651	Eucalyptus microcorys	15	8	350	Good	Fair	High	1	High Impact	Removed in Demolition
652	Ligustrum lucidum	8	5	150	Good	Fair	Low	1	High Impact	Removed in Demolition
6531	Eucalyptus microcorys	17	7	350	Good	Fair	High	1	High Impact	Removed in Demolition
653	Casuarina glauca	18	6	250	Fair	Fair	High	1	No Impact	High Impact
654	Casuarina glauca	18	5	250	Good	Fair	Medium	1	Medium Impact	High Impact
655	Casuarina glauca	18	5	250	Fair	Fair	Medium	1	No Impact	High Impact
656	Eucalyptus microcorys	18	7	350	Good	Good	High	1	Low Impact	High Impact
657	Eucalyptus microcorys	21	9	400	Good	Good	High	1	High Impact	Removed in Demolition
658	Eucalyptus microcorys	18	6	200	Good	Fair	High	1	No Impact	High Impact
659	Eucalyptus microcorys	17	8	400	Good	Good	High	1	No Impact	High Impact
660	Eucalyptus microcorys	21	10	350	Good	Good	High	1	Low Impact	High Impact
661	Juniperus sp.	16	6	350	Good	Fair	Medium	1	High Impact	Removed in Demolition
662	Eucalyptus microcorys	17	10	350	Good	Fair	High	1	High Impact	Removed in Demolition
663	Eucalyptus microcorys	21	10	300	Good	Good	High	1	High Impact	Removed in Demolition
664	Casuarina glauca	18	5	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
665	Eucalyptus microcorys	20	9	350	Good	Good	High	1	No Impact	High Impact
666	Casuarina glauca	20	6	300	Fair	Fair	Medium	1	No Impact	High Impact
667	Juniperus sp.	11	7	300	Good	Fair	Medium	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
668	Eucalyptus microcorys	18	10	350	Good	Good	High	1	High Impact	Removed in Demolition
669	Eucalyptus microcorys	19	10	350	Good	Good	High	1	High Impact	Removed in Demolition
670	Eucalyptus microcorys	19	8	350	Good	Good	High	1	High Impact	Removed in Demolition
671	Angophora costata	12	6	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
672	Angophora costata	14	7	350	Good	Good	High	1	High Impact	Removed in Demolition
673	Eucalyptus robusta	13	5	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition
674	Eucalyptus robusta	9	6	200	Fair	Fair	Medium	1	Medium Impact	High Impact
675	Casuarina glauca	17	7	350	Fair	Fair	Medium	1	High Impact	Removed in Demolition
676	Eucalyptus microcorys	18	9	350	Good	Good	High	1	High Impact	Removed in Demolition
677	Eucalyptus microcorys	18	8	300	Good	Fair	High	1	High Impact	Removed in Demolition
678	Casuarina glauca	20	7	350	Good	Good	High	1	High Impact	Removed in Demolition
679	Celtis australis	7	5	200	Good	Fair	Low	1	No Impact	High Impact
680	Celtis australis	7	5	200	Poor	Fair	Low	1	No Impact	High Impact
681	Celtis australis	6	4	200	Fair	Fair	Low	1	No Impact	High Impact
682	Celtis australis	7	5	200	Good	Fair	Low	1	High Impact	Removed in Demolition
683	Jasminum species	6	3	150	Good	Fair	Low	3	No Impact	High Impact
684	Ligustrum lucidum	8	5	200	Good	Poor	Low	1	High Impact	Removed in Demolition
685	Celtis australis	8	6	300	Good	Fair	Low	1	High Impact	Removed in Demolition
686	Casuarina glauca	18	5	300	Good	Fair	High	1	High Impact	Removed in Demolition
687	Casuarina glauca	18	5	250	Fair	Good	High	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
688	Casuarina glauca	16	3	150	Fair	Fair	Medium	2	High Impact	Removed in Demolition
689	Phoenix canariensis	6	5	400	Good	Good	Low	1	High Impact	Removed in Demolition
690	Eucalyptus robusta	19	6	400	Fair	Good	High	1	High Impact	Removed in Demolition
691	Casuarina glauca	16	5	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
692	Casuarina glauca	16	5	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
693	Casuarina glauca	17	4	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
694	Casuarina glauca	18	4	200	Fair	Good	High	1	High Impact	Removed in Demolition
695	Casuarina glauca	19	5	250	Good	Good	High	1	High Impact	Removed in Demolition
696	Casuarina glauca	20	4	250	Good	Good	High	1	High Impact	Removed in Demolition
697	Casuarina glauca	20	5	250	Good	Fair	High	1	High Impact	Removed in Demolition
698	Casuarina glauca	16	3	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition
699	Casuarina glauca	16	3	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition
700	Casuarina glauca	18	3	200	Fair	Fair	Medium	1	Medium Impact	High Impact
701	Casuarina glauca	13	4	150	Poor	Poor	Low	2	No Impact	High Impact
702	Eucalyptus robusta	18	7	350	Fair	Good	High	1	High Impact	Removed in Demolition
703	Eucalyptus robusta	18	6	350	Fair	Good	High	1	High Impact	Removed in Demolition
704	Syzygium australe	8	6	250	Good	Fair	Medium	1	No Impact	High Impact
705	Callistemon viminalis	6	6	200	Fair	Fair	Medium	1	No Impact	High Impact
706	Acacia elata	6	1	100	Fair	Fair	Low	1	Low Impact	High Impact
707	Jacaranda mimosifolia	7	5	300	Fair	Fair	Medium	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
708	Cupressus sempervirens	9	3	200	Good	Fair	Medium	1	High Impact	Removed in Demolition
709	Acacia sp.	9	3	200	Fair	Fair	Medium	1	No Impact	No Impact
710	Eucalyptus microcorys	25	10	850	Good	Good	High	1	No Impact	High Impact
711	Acacia sp.	6	3	100	Fair	Fair	Medium	1	No Impact	No Impact
712	Eucalyptus microcorys	25	11	750	Good	Good	High	1	High Impact	Removed in Demolition
713	Acacia sp.	10	4	200	Poor	Fair	Low	1	High Impact	Removed in Demolition
714	Corymbia eximia	5	3	150	Fair	Fair	Medium	1	No Impact	No Impact
715	Eucalyptus microcorys	25	12	1000	Good	Good	High	1	No Impact	High Impact
716	Eucalyptus microcorys	16	6	400	Poor	Fair	Low	1	Medium Impact	High Impact
717	Eucalyptus sp.	20	10	400	Good	Good	High	1	No Impact	Low Impact
718	Eucalyptus saligna	9	7	250	Fair	Fair	Medium	1	No Impact	No Impact
719	Eucalyptus saligna	6	4	150	Fair	Fair	Medium	1	No Impact	No Impact
720	Eucalyptus saligna	25	10	650	Good	Good	High	1	No Impact	High Impact
721	Casuarina glauca	6	3	100	Fair	Fair	Medium	2	No Impact	No Impact
722	Corymbia maculata	13	3	200	Good	Fair	Medium	1	No Impact	No Impact
723	Eucalyptus pilularis	15	5	250	Good	Fair	High	1	No Impact	No Impact
724	Eucalyptus microcorys	18	5	300	Good	Fair	High	1	No Impact	No Impact
725	Casuarina glauca	11	3	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition
726	Eucalyptus fibrosa	13	6	250	Fair	Fair	Medium	1	No Impact	No Impact
727	Eucalyptus saligna	27	13	450	Good	Good	High	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
728	Eucalyptus saligna	28	11	450	Good	Good	High	1	No Impact	High Impact
729	Eucalyptus microcorys	9	3	150	Poor	Poor	Low	1	High Impact	Removed in Demolition
730	Eucalyptus pilularis	12	2	150	Fair	Fair	Medium	1	No Impact	High Impact
731	Eucalyptus pilularis	13	3	200	Fair	Fair	Medium	1	No Impact	High Impact
732	Eucalyptus pilularis	13	6	250	Fair	Fair	Medium	1	No Impact	High Impact
733	Eucalyptus microcorys	16	7	350	Good	Fair	High	1	No Impact	High Impact
734	Eucalyptus microcorys	12	7	250	Fair	Fair	Medium	1	No Impact	High Impact
735	Eucalyptus pilularis	15	6	200	Fair	Fair	Medium	1	No Impact	High Impact
736	Eucalyptus robusta	15	8	350	Good	Fair	High	1	No Impact	High Impact
737	Eucalyptus robusta	15	7	300	Good	Good	High	1	No Impact	High Impact
738	Eucalyptus obliqua	16	13	850	Fair	Fair	High	1	No Impact	High Impact
739	Eucalyptus microcorys	15	12	350	Good	Fair	High	1	No Impact	High Impact
740	Eucalyptus robusta	18	6	300	Good	Good	High	1	High Impact	Removed in Demolition
741	Eucalyptus robusta	20	6	350	Good	Good	High	1	No Impact	High Impact
742	Eucalyptus pilularis	9	5	150	Fair	Fair	Medium	1	No Impact	High Impact
743	Eucalyptus robusta	16	4	250	Good	Fair	High	1	No Impact	High Impact
744	Eucalyptus robusta	14	8	400	Good	Fair	High	1	No Impact	High Impact
745	Eucalyptus robusta	16	9	350	Good	Good	High	1	No Impact	High Impact
746	Angophora costata	14	7	250	Fair	Fair	Medium	1	No Impact	High Impact
747	Eucalyptus sp.	5	2	100	Poor	Poor	Low	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
748	Eucalyptus punctata	20	8	400	Good	Good	High	1	Medium Impact	High Impact
749	Eucalyptus punctata	16	7	300	Good	Fair	High	1	No Impact	High Impact
750	Eucalyptus punctata	20	9	350	Good	Good	High	1	No Impact	High Impact
751	Eucalyptus punctata	15	4	250	Fair	Fair	Medium	2	No Impact	High Impact
752	Eucalyptus punctata	19	8	350	Good	Good	High	1	Low Impact	High Impact
753	Eucalyptus sp.	14	7	250	Fair	Fair	Medium	1	No Impact	High Impact
754	Eucalyptus robusta	15	8	250	Good	Good	High	1	No Impact	High Impact
755	Eucalyptus robusta	13	6	250	Fair	Good	High	1	Low Impact	High Impact
756	Juniperus sp.	10	4	200	Good	Good	Medium	1	High Impact	Removed in Demolition
757	Eucalyptus robusta	9	4	150	Fair	Fair	Medium	1	No Impact	High Impact
758	Eucalyptus sp.	16	6	300	Fair	Good	High	1	No Impact	High Impact
759	Eucalyptus robusta	15	7	250	Good	Good	High	1	No Impact	High Impact
760	Eucalyptus robusta	10	8	250	Fair	Fair	Medium	1	No Impact	High Impact
761	Eucalyptus sp.	14	9	350	Poor	Poor	Low	1	No Impact	High Impact
762	Eucalyptus sp.	13	7	250	Fair	Fair	Medium	1	No Impact	High Impact
763	Eucalyptus paniculata	16	6	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
764	Eucalyptus robusta	14	7	300	Fair	Fair	Medium	1	No Impact	High Impact
765	Eucalyptus robusta	15	6	250	Good	Fair	High	1	No Impact	High Impact
766	Eucalyptus robusta	15	8	250	Good	Good	High	1	No Impact	High Impact
7661	Eucalyptus scoparia	8	10	250	Fair	Fair	Medium	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
767	Eucalyptus scoparia	7	5	250	Fair	Fair	Medium	1	No Impact	High Impact
768	Eucalyptus punctata	9	10	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
769	Eucalyptus punctata	20	11	550	Good	Good	High	1	No Impact	High Impact
770	Eucalyptus pilularis	9	5	150	Fair	Fair	Medium	1	High Impact	Removed in Demolition
771	Eucalyptus pilularis	20	11	300	Fair	Fair	High	1	High Impact	Removed in Demolition
772	Eucalyptus punctata	18	7	300	Poor	Fair	Low	1	No Impact	High Impact
773	Eucalyptus punctata	20	6	300	Good	Good	High	1	No Impact	High Impact
774	Eucalyptus pilularis	10	5	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
775	Eucalyptus pilularis	9	4	200	Poor	Poor	Low	1	High Impact	Removed in Demolition
776	Eucalyptus pilularis	9	4	150	Fair	Poor	Low	1	High Impact	Removed in Demolition
777	Angophora costata	12	4	200	Fair	Fair	Medium	1	No Impact	High Impact
778	Eucalyptus robusta	20	10	350	Good	Fair	High	1	High Impact	Removed in Demolition
779	Eucalyptus robusta	18	9	350	Good	Fair	High	1	High Impact	Removed in Demolition
780	Eucalyptus punctata	20	6	250	Fair	Fair	Medium	1	High Impact	Removed in Demolition
781	Eucalyptus robusta	18	5	250	Good	Fair	High	1	Low Impact	High Impact
782	Eucalyptus robusta	16	5	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
783	Eucalyptus robusta	17	4	200	Fair	Fair	Medium	1	No Impact	High Impact
784	Fraxinus excelsior	12	6	200	Good	Fair	Medium	1	No Impact	High Impact
785	Triadica sebifera	12	5	200	Fair	Fair	Low	1	High Impact	Removed in Demolition
786	Triadica sebifera	12	6	250	Fair	Fair	Low	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
787	Fraxinus excelsior	11	6	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
788	Fraxinus excelsior	15	6	250	Good	Fair	Medium	1	High Impact	Removed in Demolition
789	Fraxinus excelsior	13	6	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
790	Eucalyptus sclerophylla	18	8	500	Fair	Fair	High	1	High Impact	Removed in Demolition
791	Triadica sebifera	14	7	300	Fair	Fair	Medium	1	High Impact	Removed in Demolition
793	Fraxinus excelsior	12	8	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
794	Ligustrum sinense	10	4	200	Good	Fair	Low	1	High Impact	Removed in Demolition
795	Triadica sebifera	12	3	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
796	Eucalyptus robusta	17	7	250	Good	Fair	High	1	High Impact	Removed in Demolition
797	Triadica sebifera	12	6	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
798	Triadica sebifera	13	5	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
799	Ligustrum lucidum	13	4	150	Fair	Fair	Low	1	High Impact	Removed in Demolition
800	Triadica sebifera	15	7	350	Fair	Fair	Medium	1	High Impact	Removed in Demolition
801	Triadica sebifera	12	4	200	Fair	Fair	Medium	1	High Impact	Removed in Demolition
802	Ligustrum lucidum	15	5	200	Fair	Fair	Low	1	High Impact	Removed in Demolition
803	Triadica sebifera	15	6	350	Fair	Fair	Medium	1	High Impact	Removed in Demolition
803	Syzygium sp.	11	5	200	Good	Fair	Medium	1	High Impact	Removed in Demolition
804	Triadica sebifera	13	5	300	Fair	Fair	Medium	1	High Impact	Removed in Demolition
805	Cyathea species	7	2	100	Good	Good	Medium	1	High Impact	Removed in Demolition
806	Fraxinus excelsior	20	10	350	Good	Fair	High	1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
807	Ligustrum sinense	10	2	150	Fair	Fair	Low	1	High Impact	Removed in Demolition
808	Fraxinus excelsior	10	8	200	Fair	Poor	Low	1	High Impact	Removed in Demolition
809	Morus species	6	3	100	Poor	Poor	Low	1	High Impact	Removed in Demolition
810	Schefflera actinophylla	12	2	150	Fair	Fair	Low	1	High Impact	Removed in Demolition
811	Triadica sebifera	9	6	100	Fair	Fair	Medium	1	High Impact	Removed in Demolition
812	Tibouchina species	5	4	100	Fair	Poor	Low	1	High Impact	Removed in Demolition
813	Fraxinus excelsior	12	7	300	Good	Fair	Medium	1	High Impact	Removed in Demolition
814	Triadica sebifera	10	4	200	Poor	Fair	Low	1	High Impact	Removed in Demolition
815	Unknown species	5	6	100	Fair	Poor	Low	1	No Impact	No Impact
816	Jasminum species	7	2	100	Good	Fair	Medium	1	No Impact	No Impact
817	Pittosporum undulatum	6	6	150	Fair	Fair	Medium	1	No Impact	No Impact
818	Acer negundo	12	10	300	Good	Fair	Medium	1	No Impact	No Impact
819	Tristaniopsis laurina	7	4	100	Fair	Fair	Medium	1	No Impact	No Impact
820	Callistemon viminalis	7	5	100	Fair	Fair	Medium	1	No Impact	No Impact
821	Eucalyptus microcorys	22	7	300	Good	Good	High	1	No Impact	No Impact
822	Eucalyptus microcorys	12	3	100	Fair	Fair	Medium	1	No Impact	No Impact
823	Corymbia maculata	22	4	250	Fair	Fair	High	1	No Impact	No Impact
824	Eucalyptus microcorys	25	7	350	Good	Good	High	1	No Impact	No Impact
825	Callistemon viminalis	6	5	100	Fair	Fair	Medium	1	No Impact	No Impact
826	Tristaniopsis laurina	7	3	100	Fair	Fair	Medium	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
827	Angophora costata	19	4	150	Good	Good	High	1	No Impact	No Impact
828	Eucalyptus microcorys	22	8	300	Good	Good	High	1	No Impact	No Impact
829	Banksia integrifolia	9	3	100	Fair	Fair	Medium	1	No Impact	No Impact
830	Angophora costata	14	1	100	Fair	Fair	Medium	1	No Impact	No Impact
831	Eucalyptus microcorys	18	6	200	Good	Good	High	1	No Impact	No Impact
832	Eucalyptus microcorys	16	3	150	Fair	Fair	High	1	No Impact	No Impact
833	Eucalyptus microcorys	9	2	100	Fair	Fair	Medium	1	No Impact	No Impact
834	Tristaniopsis laurina	9	3	100	Fair	Fair	Medium	1	No Impact	No Impact
8351	Angophora costata	18	3	200	Fair	Good	High	1	No Impact	No Impact
835	Eucalyptus microcorys	24	7	300	Good	Good	High	1	No Impact	No Impact
836	Eucalyptus microcorys	10	3	150	Fair	Fair	Medium	1	No Impact	No Impact
837	Melia azedarach	14	7	300	Good	Fair	High	1	No Impact	No Impact
838	Callistemon viminalis	3	3	100	Fair	Fair	Medium	1	No Impact	No Impact
839	Banksia integrifolia	6	2	100	Fair	Fair	Medium	1	No Impact	No Impact
840	Callistemon viminalis	5	4	100	Fair	Fair	Medium	1	No Impact	No Impact
841	Eucalyptus microcorys	24	6	300	Good	Good	High	1	No Impact	No Impact
842	Ligustrum sinense	4	4	100	Fair	Poor	Low	1	No Impact	No Impact
843	Angophora costata	19	5	250	Fair	Good	High	1	No Impact	No Impact
844	Eucalyptus microcorys	19	5	150	Good	Fair	Medium	1	No Impact	No Impact
845	Angophora costata	15	5	150	Fair	Fair	Medium	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
8451	Tristaniopsis laurina	5	3	100	Fair	Fair	Medium	1	No Impact	No Impact
846	Tristaniopsis laurina	6	2	100	Good	Fair	Medium	1	No Impact	No Impact
847	Syncarpia glomulifera	18	9	800	Good	Fair	High	1	No Impact	No Impact
848	Angophora costata	15	5	300	Fair	Good	High	1	No Impact	No Impact
849	Angophora costata	16	4	300	Good	Good	High	1	No Impact	No Impact
850	Banksia integrifolia	12	5	150	Fair	Fair	Medium	1	No Impact	No Impact
851	Eucalyptus sp.	8	5	150	Fair	Fair	Medium	1	No Impact	No Impact
852	Tristaniopsis laurina	6	4	150	Good	Fair	Medium	4	No Impact	No Impact
853	Tristaniopsis laurina	6	3	100	Good	Fair	Medium	3	No Impact	No Impact
854	Tristaniopsis laurina	5	3	100	Fair	Fair	Medium	4	No Impact	No Impact
855	Banksia integrifolia	6	4	150	Good	Fair	Medium	1	No Impact	No Impact
856	Stenocarpus sinuatus	5	2	100	Fair	Fair	Medium	1	No Impact	No Impact
857	Tristaniopsis laurina	6	2	100	Fair	Fair	Medium	1	No Impact	No Impact
858	Acacia sp.	10	7	250	Good	Good	High	1	No Impact	No Impact
859	Ligustrum lucidum	7	3	100	Fair	Fair	Low	1	No Impact	No Impact
860	Triadica sebifera	22	9	1100	Fair	Fair	Medium	1	No Impact	Medium Impact
861	Tristaniopsis laurina	4	3	150	Good	Fair	Medium	1	No Impact	No Impact
862	Tristaniopsis laurina	3	1	100	Poor	Fair	Low	1	No Impact	No Impact
863	Angophora costata	23	9	400	Good	Good	High	1	No Impact	No Impact
864	Callistemon viminalis	6	4	100	Fair	Fair	Medium	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
865	Tristaniopsis laurina	2	2	100	Poor	Poor	Low	1	No Impact	No Impact
866	Callistemon viminalis	5	4	100	Poor	Fair	Low	1	No Impact	No Impact
867	Unknown species	5	3	100	Fair	Fair	Medium	1	No Impact	No Impact
868	Lophostemon confertus	14	8	300	Good	Fair	High	1	No Impact	No Impact
869	Cupaniopsis anacardioides	8	7	200	Good	Fair	Medium	1	No Impact	No Impact
870	Lophostemon confertus	20	7	400	Good	Good	High	1	No Impact	No Impact
871	Acer negundo	10	8	200	Good	Fair	Medium	1	No Impact	No Impact
872	Pittosporum undulatum	8	5	150	Fair	Fair	Medium	1	No Impact	No Impact
873	Lophostemon confertus	22	8	400	Fair	Good	High	1	No Impact	No Impact
874	Eucalyptus robusta	22	10	400	Fair	Fair	High	1	No Impact	High Impact
875	Casuarina glauca	20	7	400	Good	Fair	High	1	No Impact	High Impact
876	Casuarina glauca	20	5	300	Fair	Good	High	1	No Impact	High Impact
877	Casuarina glauca	20	6	200	Fair	Fair	Medium	1	No Impact	High Impact
878	Angophora costata	15	6	250	Fair	Good	High	1	No Impact	Low Impact
879	Angophora costata	15	6	250	Fair	Good	High	1	No Impact	No Impact
880	Acacia sp.	7	8	150	Good	Fair	High	1	No Impact	No Impact
881	Angophora costata	13	2	150	Fair	Fair	Medium	1	No Impact	No Impact
882	Angophora costata	17	5	200	Fair	Good	High	1	No Impact	Medium Impact
883	Angophora costata	13	2	150	Fair	Fair	Medium	1	No Impact	No Impact
8833	Eucalyptus tereticornis	27	11	1100	Good	Good	High	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
884	Eucalyptus tereticornis	27	9	900	Good	Good	High	1	No Impact	Medium Impact
885	Eucalyptus tereticornis	28	10	800	Good	Good	High	1	No Impact	Medium Impact
886	Acacia baileyana	18	9	500	Good	Fair	High	1	No Impact	Low Impact
887	Eucalyptus sp.	12	7	150	Poor	Poor	Low	2	No Impact	No Impact
889	Eucalyptus eugenioides	17	7	350	Good	Fair	High	1	No Impact	No Impact
890	Eucalyptus saligna	20	7	300	Good	Fair	High	1	No Impact	No Impact
891	Eucalyptus saligna	18	5	350	Good	Fair	High	1	No Impact	No Impact
892	Eucalyptus saligna	17	5	300	Good	Fair	High	1	No Impact	No Impact
893	Eucalyptus saligna	20	7	350	Good	Good	High	1	No Impact	No Impact
894	Eucalyptus saligna	21	8	400	Good	Good	High	1	No Impact	No Impact
895	Eucalyptus saligna	22	6	300	Good	Good	High	1	No Impact	No Impact
896	Eucalyptus saligna	20	7	300	Good	Good	High	1	No Impact	No Impact
897	Eucalyptus saligna	20	6	300	Good	Good	High	1	No Impact	No Impact
898	Eucalyptus saligna	19	5	250	Good	Fair	High	1	No Impact	No Impact
899	Eucalyptus saligna	21	7	300	Good	Good	High	1	No Impact	No Impact
900	Lophostemon confertus	14	8	400	Good	Good	High	1	No Impact	No Impact
901	Lophostemon confertus	10	8	350	Fair	Fair	Medium	1	No Impact	No Impact
902	Ligustrum sp.	9	5	300	Good	Fair	Low	1	No Impact	No Impact
903	Acer negundo	10	7	300	Fair	Fair	Low	1	No Impact	No Impact
904	Erythrina crista - galli	9	6	300	Fair	Fair	Low	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
905	Erythrina crista - galli	7	4	350	Fair	Poor	Low	1	No Impact	No Impact
906	Acer negundo	10	10	350	Fair	Fair	Low	1	No Impact	No Impact
907	Casuarina glauca	15	7	350	Good	Fair	High	1	No Impact	Low Impact
908	Casuarina glauca	18	6	300	Good	Good	High	1	No Impact	No Impact
909	Casuarina glauca	18	5	300	Good	Fair	High	1	No Impact	No Impact
910	Casuarina glauca	16	4	250	Good	Fair	High	1	No Impact	No Impact
911	Angophora costata	15	8	400	Good	Good	High	1	No Impact	High Impact
912	Melaleuca alternifolia	6	6	300	Good	Fair	Medium	1	No Impact	High Impact
913	Angophora costata	17	5	300	Good	Good	High	1	No Impact	High Impact
914	Angophora costata	18	7	350	Good	Fair	High	1	No Impact	High Impact
915	Angophora costata	17	6	300	Good	Fair	High	1	No Impact	High Impact
916	Angophora costata	15	4	250	Good	Fair	High	1	No Impact	High Impact
917	Casuarina glauca	16	2	300	Good	Fair	High	1	No Impact	High Impact
918	Angophora costata	16	4	250	Good	Good	High	1	No Impact	Low Impact
919	Angophora costata	14	6	200	Good	Good	High	1	No Impact	No Impact
920	Angophora costata	15	8	200	Good	Good	High	1	No Impact	No Impact
921	Angophora costata	13	6	350	Good	Fair	High	1	No Impact	Low Impact
922	Angophora costata	13	4	250	Good	Fair	High	1	No Impact	Low Impact
923	Melaleuca alternifolia	5	5	200	Good	Fair	Medium	1	No Impact	High Impact
924	Angophora costata	14	5	250	Good	Fair	High	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
925	Angophora costata	10	5	200	Good	Fair	High	1	No Impact	High Impact
926	Eucalyptus sp.	18	9	350	Good	Good	High	1	No Impact	No Impact
927	Angophora costata	7	7	300	Fair	Fair	Medium	1	No Impact	No Impact
928	Lophostemon confertus	10	4	600	Good	Good	High	1	No Impact	High Impact
929	Lophostemon confertus	10	3	650	Good	Good	Medium	1	No Impact	High Impact
930	Lophostemon confertus	10	3	450	Fair	Fair	Medium	1	No Impact	High Impact
931	Corymbia citriodora	12	10	500	Fair	Fair	Medium	1	No Impact	High Impact
932	Corymbia citriodora	11	4	500	Fair	Good	Medium	1	No Impact	High Impact
933	Pittosporum undulatum	5	3	250	Fair	Fair	Low	1	No Impact	Medium Impact
934	Lophostemon confertus	10	3	650	Good	Good	Medium	1	No Impact	High Impact
935	Eucalyptus microcorys	14	7	650	Good	Good	Medium	1	No Impact	High Impact
936	Ficus microcarpa	11	10	750	Good	Good	High	1	No Impact	High Impact
937	Corymbia maculata	8	3	350	Poor	Fair	Low	1	No Impact	High Impact
938	Eucalyptus microcorys	13	7	500	Good	Good	Medium	1	No Impact	Low Impact
939	Casuarina cunninghamiana	12	3	300	Good	Fair	Low	1	No Impact	High Impact
940	Corymbia maculata	15	6	400	Good	Good	Medium	1	No Impact	No Impact
941	Casuarina cunninghamiana	16	5	400	Good	Good	Medium	1	No Impact	High Impact
942	Corymbia maculata	10	3	300	Fair	Fair	Low	1	No Impact	Low Impact
943	Angophora costata	10	6	600	Fair	Good	Medium	1	No Impact	No Impact
944	Eucalyptus pilularis	30	12	1000	Good	Good	High	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
945	Eucalyptus pilularis	20	10	800	Good	Good	Medium	1	No Impact	No Impact
946	Corymbia maculata	10	7	300	Good	Good	Medium	1	No Impact	No Impact
947	Eucalyptus saligna	15	6	650	Good	Good	High	1	No Impact	No Impact
948	Eucalyptus sp.	20	5	600	Fair	Good	Medium	1	No Impact	No Impact
949	Corymbia maculata	12	5	400	Fair	Fair	Low	1	No Impact	No Impact
950	Eucalyptus botryoides	10	5	400	Poor	Fair	Low	1	No Impact	Low Impact
951	Casuarina cunninghamiana	12	3	350	Fair	Fair	Medium	1	No Impact	No Impact
952	Unknown species	16	5	1100	Poor	Poor	Low	1	No Impact	High Impact
953	Eucalyptus sp.	12	4	350	Good	Fair	Low	1	No Impact	No Impact
954	Eucalyptus saligna	14	5	550	Good	Good	High	1	No Impact	No Impact
955	Eucalyptus sp.	12	5	550	Good	Good	Medium	1	No Impact	No Impact
956	Melaluca Spp.	6	3	300	Good	Poor	Medium	1	No Impact	High Impact
957	Melaluca Spp.	6	3	300	Good	Poor	Medium	1	No Impact	High Impact
958	Melaluca	6	3	300	Good	Poor	Medium	1	No Impact	High Impact
959	Melaluca Spp.	6	3	300	Good	Poor	Medium	1	No Impact	High Impact
960	Unidentified	0	0	0				1	No Impact	High Impact
961	Unidentified	0	0	0				1	No Impact	High Impact
962	Unidentified	0	0	0				1	No Impact	Low Impact
963	Unidentified	0	0	0				1	No Impact	Low Impact
964	Unidentified	0	0	0				1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
965	Unidentified	0	0	0				1	No Impact	No Impact
966	Unidentified	0	0	0				1	No Impact	No Impact
967	Unidentified	0	0	0				1	No Impact	No Impact
968	Unidentified	0	0	0				1	No Impact	No Impact
969	Eucalyptus saligna	15	6	350				1	No Impact	No Impact
970	Eucalyptus saligna	15	6	350				1	No Impact	No Impact
971	Eucalyptus saligna	15	6	350				1	No Impact	No Impact
972	Unidentified	0	0	0				1	No Impact	High Impact
973	Unidentified	0	0	0				1	No Impact	High Impact
974	Unidentified	0	0	0				1	No Impact	High Impact
975	Unidentified	0	0	0				1	No Impact	High Impact
976	Unidentified	0	0	0				1	No Impact	High Impact
977	Unidentified	0	0	0				1	No Impact	High Impact
978	Unidentified	0	0	0				1	No Impact	High Impact
979	Unidentified	0	0	0				1	No Impact	High Impact
980	Unidentified	0	0	0				1	No Impact	High Impact
981	Unidentified	0	0	0				1	No Impact	High Impact
982	Unidentified	0	0	0				1	High Impact	Removed in Demolition
983	Unidentified	0	0	0				1	High Impact	Removed in Demolition
984	Unidentified	0	0	0				1	High Impact	Removed in Demolition

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
985	Unidentified	0	0	0				1	High Impact	Removed in Demolition
986	Unidentified	0	0	0				1	High Impact	Removed in Demolition
987	Unidentified	0	0	0				1	No Impact	Medium Impact
988	Unidentified	0	0	0				1	No Impact	No Impact
989	Unidentified	0	0	0				1	No Impact	No Impact
990	Unidentified	0	0	0				1	No Impact	No Impact
991	Unidentified	0	0	0				1	No Impact	No Impact
992	Unidentified	0	0	0				1	No Impact	No Impact
993	Unidentified	0	0	0				1	No Impact	No Impact
994	Unidentified	0	0	0				1	No Impact	No Impact
995	Unidentified	0	0	0				1	No Impact	No Impact
996	Unidentified	0	0	0				1	No Impact	No Impact
997	Unidentified	0	0	0				1	No Impact	No Impact
998	Eucalyptus Spp.	0	0	0				1	No Impact	High Impact
999	Unidentified	0	0	0				1	No Impact	No Impact
1000	Unidentified	0	0	0				1	No Impact	No Impact
1001	Unidentified	0	0	0				1	No Impact	No Impact
1002	Eucalyptus sp.	12	4	350				1	No Impact	No Impact
1003	Eucalyptus sp.	12	4	350				1	No Impact	No Impact
1004	Unidentified	0	0	0				1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1005	Unidentified	0	0	0				1	No Impact	No Impact
1006	Unidentified	0	0	0				1	No Impact	No Impact
1007	Unidentified	0	0	0				1	No Impact	No Impact
1008	Unidentified	0	0	0				1	No Impact	No Impact
1009	Unidentified	0	0	0				1	No Impact	No Impact
1010	Unidentified	0	0	0				1	No Impact	No Impact
1011	Unidentified	0	0	0				1	No Impact	High Impact
1012	Unidentified	0	0	0				1	No Impact	High Impact
1013	Unidentified	0	0	0				1	No Impact	High Impact
1014	Unidentified	0	0	0				1	No Impact	Medium Impact
1015	Eucalyptus microcorys	0	0	650	Good	Good	Medium	1	No Impact	High Impact
1016	Ficus microcarpa	0	0	750	Good	Good	High	1	No Impact	High Impact
1017	Ficus microcarpa	0	0	750	Good	Good	High	1	No Impact	High Impact
1018	Unidentified	0	0	0				1	No Impact	Medium Impact
1019	Corymbia maculata	8	3	350	Poor	Fair	Low	1	No Impact	No Impact
1020	Corymbia maculata	8	3	350	Poor	Fair	Low	1	No Impact	No Impact
1021	Lophostemon confertus	12	3	450	Fair	Fair	Medium	1	No Impact	High Impact
1022	Lophostemon confertus	12	3	450	Fair	Fair	Medium	1	No Impact	High Impact
888	Cinnamomum camphora	10	5	350	Poor	Fair	Low	1	No Impact	No Impact
1023	Corymbia maculata	15	8	200	Good	Good	High	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1024	Corymbia maculata	15	6	100	Good	Good	High	1	No Impact	High Impact
1025	Corymbia maculata	17	4	150	Good	Good	High	1	No Impact	High Impact
1026	Corymbia maculata	17	5	200	Good	Good	High	1	No Impact	High Impact
1027	Eucalyptus saligna	18	7	250	Good	Good	High	1	No Impact	High Impact
1028	Allocasuarina littoralis	7	2	100	Good	Good	High	1	No Impact	High Impact
1029	Allocasuarina littoralis	17	3	100	Good	Good	High	1	No Impact	High Impact
1030	Eucalyptus saligna	16	3	100	Good	Good	High	1	No Impact	High Impact
1031	Eucalyptus saligna	18	4	200	Good	Good	High	1	No Impact	High Impact
1032	Eucalyptus saligna	20	5	250	Good	Good	High	1	No Impact	High Impact
1033	Allocasuarina littoralis	20	5	150	Good	Good	High	1	No Impact	High Impact
1034	Corymbia maculata	18	4	10	Good	Good	High	1	No Impact	High Impact
1035	Corymbia maculata	20	6	250	Good	Good	High	1	No Impact	High Impact
1036	Corymbia maculata	22	6	400	Good	Good	High	1	No Impact	High Impact
1037	Eucalyptus saligna	16	4	150	Good	Good	High	1	No Impact	High Impact
1038	Corymbia maculata	19	5	200	Good	Good	High	1	No Impact	High Impact
1039	Corymbia maculata	20	5	250	Good	Good	High	1	No Impact	High Impact
1040	Eucalyptus saligna	15	3	100	Good	Good	High	1	No Impact	No Impact
1041	Corymbia maculata	20	4	200	Good	Good	High	1	No Impact	No Impact
1042	Corymbia maculata	22	6	250	Good	Good	High	1	No Impact	No Impact
1043	Corymbia maculata	22	5	200	Good	Good	High	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1044	Eucalyptus saligna	15	4	100	Good	Good	High	1	No Impact	No Impact
1045	Corymbia maculata	22	7	300	Good	Good	High	1	No Impact	Low Impact
1046	Eucalyptus saligna	18	4	150			high	1	No Impact	High Impact
1047	Corymbia maculata	20	4	200	Good	Good	High	1	No Impact	Medium Impact
1048	Corymbia maculata	20	4	250	Good	Good	High	1	No Impact	Low Impact
1049	Corymbia maculata	20	4	300	Good	Good	High	1	No Impact	Medium Impact
1050	Corymbia maculata	20	4	300	Good	Good	High	1	No Impact	High Impact
1051	Corymbia maculata	22	6	400	Good	Good	High	1	No Impact	High Impact
1052	Corymbia maculata	20	6	200	Good	Good	High	1	No Impact	High Impact
1053	Eucalyptus saligna	18	6	250	Good	Good	High	1	No Impact	High Impact
1054	Eucalyptus saligna	18	4	150	Good	Good	High	1	No Impact	High Impact
1055	Corymbia maculata	20	5	300	Good	Good	High	1	No Impact	Medium Impact
1056	Corymbia maculata	20	4	150	Good	Good	High	1	No Impact	Low Impact
1057	Corymbia maculata	20	7	400	Good	Good	High	1	No Impact	Low Impact
1058	Corymbia maculata	20	4	300	Good	Good	High	1	No Impact	Medium Impact
1059	Corymbia maculata	16	3	100	Good	Good	High	1	No Impact	Low Impact
1060	Corymbia maculata	20	6	400	Good	Good	High	1	No Impact	Medium Impact
1061	Unidentified	0	0	0				1	No Impact	High Impact
1062	Unidentified	0	0	0				1	No Impact	High Impact
1063	Corymbia maculata	20	2	200	Good	Good	High	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1064	Corymbia maculata	20	4	200	Good	Good	High	1	No Impact	No Impact
1065	Corymbia maculata	17	4	150	Good	Good	High	1	No Impact	No Impact
1066	Eucalyptus saligna	17	4	100	Good	Good	High	1	No Impact	No Impact
1067	Corymbia maculata	17	4	200	Good	Good	High	1	No Impact	Low Impact
1068	Eucalyptus saligna	20	5	350	Good	Good	High	1	No Impact	Medium Impact
1069	Corymbia maculata	20	4	350	Good	Good	High	1	No Impact	Low Impact
1070	Corymbia maculata	20	4	150	Good	Good	High	1	No Impact	No Impact
1071	Corymbia maculata	20	4	200	Good	Good	High	1	No Impact	No Impact
1072	Corymbia maculata	17	4	100	Good	Good	High	1	No Impact	No Impact
1073	Corymbia maculata	20	5	400	Good	Good	High	1	No Impact	Low Impact
1074	Corymbia maculata	15	4	100	Good	Good	High	1	No Impact	No Impact
1075	Corymbia maculata	20	6	300	Good	Good	High	1	No Impact	No Impact
1076	Unidentified	0	0	0				1	No Impact	High Impact
1077	Unidentified	0	0	0				1	No Impact	High Impact
1078	Unidentified	0	0	0				1	No Impact	High Impact
1079	Eucalyptus saligna	22	8	400	Good	Good	High	1	No Impact	High Impact
1080	Corymbia maculata	20	6	250	Good	Good	High	1	No Impact	Low Impact
1081	Corymbia maculata	20	6	350	Good	Good	High	1	No Impact	High Impact
1082	Corymbia maculata	22	8	500	Good	Good	High	1	No Impact	High Impact
1083	Corymbia maculata	18	4	250	Good	Good	High	1	No Impact	No Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1084	Corymbia maculata	18	2	100	Good	Good	High	1	No Impact	High Impact
1085	Corymbia maculata	18	4	100	Good	Good	High	1	No Impact	Medium Impact
1086	Corymbia maculata	22	4	300	Good	Good	High	1	No Impact	High Impact
1087	Corymbia maculata	20	6	200	Good	Good	High	1	No Impact	No Impact
1088	Corymbia maculata	18	4	150	Good	Good	High	1	No Impact	No Impact
1089	Corymbia maculata	22	4	300	Good	Good	High	1	No Impact	Medium Impact
1090	Corymbia maculata	18	4	100	Good	Good	High	1	No Impact	High Impact
1091	Eucalyptus saligna	18	4	200	Good	Good	High	1	No Impact	No Impact
1092	Eucalyptus saligna	17	6	300	Good	Good	High	1	No Impact	High Impact
1093	Corymbia maculata	18	4	100	Good	Good	High	1	No Impact	Low Impact
1094	Corymbia maculata	22	6	350	Good	Good	High	1	No Impact	High Impact
1095	Eucalyptus saligna	18	2	100	Good	Good	High	1	No Impact	No Impact
1096	Corymbia maculata	18	4	150	Good	Good	High	1	No Impact	Medium Impact
1097	Corymbia maculata	22	6	450	Good	Good	High	1	No Impact	High Impact
1098	Corymbia maculata	18	3	150	Good	Good	High	1	No Impact	No Impact
1099	Corymbia maculata	22	6	250	Good	Good	High	1	No Impact	No Impact
1100	Corymbia maculata	20	6	300	Good	Good	High	1	No Impact	High Impact
1101	Corymbia maculata	22	4	250	Good	Good	High	1	No Impact	No Impact
1102	Eucalyptus saligna	20	4	200	Good	Good	High	1	No Impact	No Impact
1103	Allocasuarina littoralis	19	3	100	Good	Good	High	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1104	Unidentified	0	0	0				1	No Impact	High Impact
1105	Eucalyptus saligna	22	6	400	Good	Good	High	1	No Impact	Medium Impact
1106	Eucalyptus saligna	20	7	450	Good	Good	High	1	No Impact	Medium Impact
1107	Eucalyptus saligna	20	9	600	Good	Good	High	1	No Impact	High Impact
1108	Eucalyptus saligna	18	3	150	Good	Good	High	1	No Impact	High Impact
1109	Eucalyptus saligna	18	3	150	Good	Good	High	1	No Impact	High Impact
1110	Unidentified	0	0	0				1	No Impact	High Impact
1111	Allocasuarina littoralis	19	4	150	Good	Good	High	1	No Impact	High Impact
1112	Eucalyptus saligna	22	7	450	Good	Good	High	1	No Impact	High Impact
1113	Eucalyptus saligna	20	3	100	Good	Good	High	1	No Impact	Medium Impact
1114	Eucalyptus saligna	20	3	150	Fair	Fair	Medium	1	No Impact	High Impact
1115	Corymbia maculata	15	5	300	Good	Fair	Medium	1	No Impact	Low Impact
1116	Corymbia maculata	11	6	300	Good	Fair	Medium	1	No Impact	High Impact
1117	Corymbia maculata	11	6	200	Fair	Fair	Medium	1	No Impact	No Impact
1118	Corymbia maculata	15	8	350	Good	Fair	Medium	1	No Impact	High Impact
1119	Corymbia maculata	18	7	300	Good	Fair	Medium	1	No Impact	Low Impact
1120	Corymbia maculata	8	3	250	Poor	Poor	Low	1	No Impact	Medium Impact
1121	Corymbia maculata	17	6	200	Fair	Poor	Low	1	No Impact	No Impact
1122	Corymbia maculata	18	9	400	Good	Fair	Medium	1	No Impact	Medium Impact
1123	Casuarina glauca	9	3	200	Good	Fair	Low	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1124	Corymbia maculata	11	7	350	Good	Good	Medium	1	No Impact	Low Impact
1125	Unidentified	0	0	0				1	No Impact	High Impact
1126	Eucalyptus saligna	25	11	900	Good	Good	High	1	No Impact	High Impact
1127	Eucalyptus saligna	13	5	400	Good	Poor	Low	1	No Impact	Medium Impact
1128	Syncarpia glomulifera	8	4	200	Fair	Fair	Low	1	No Impact	Low Impact
1129	Corymbia maculata	11	3	300	Fair	Fair	Low	1	No Impact	Medium Impact
1130	Unidentified	0	0	0				1	No Impact	High Impact
1131	Casuarina cunninghamiana	9	3	300	Poor	Poor	Low	1	No Impact	Medium Impact
1132	Eucalyptus sp.	6	3	100	Poor	Fair	Low	1	No Impact	Low Impact
1133	Corymbia maculata	9	3	250	Fair	Fair	Low	1	No Impact	Low Impact
1134	Casuarina cunninghamiana	12	3	250	Fair	Poor	Low	1	No Impact	Low Impact
1135	Corymbia maculata	25	16	900	Good	Fair	Medium	1	No Impact	High Impact
1136	Casuarina cunninghamiana	11	4	200	Fair	Fair	Low	1	No Impact	No Impact
1137	Eucalyptus sp.	8	3	300	Poor	Poor	Low	1	No Impact	Low Impact
1138	Eucalyptus saligna	15	9	200	Fair	Poor	Low	1	No Impact	High Impact
1139	Eucalyptus saligna	22	11	550	Fair	Fair	Medium	1	Medium Impact	High Impact
1140	Acacia elata	12	11	500	Poor	Fair	Low	1	High Impact	Removed in Demolition
1141	Eucalyptus saligna	15	11	600	Poor	Poor	Low	1	Medium Impact	High Impact
1142	Eucalyptus sp.	13	6	350	Fair	Fair	Low	1	No Impact	High Impact
1143	Eucalyptus saligna	17	11	250	Good	Good	High	1	No Impact	Low Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1144	Eucalyptus saligna	20	11	400	Good	Good	High	1	Medium Impact	Medium Impact
1145	Eucalyptus saligna	15	11	250	Fair	Fair	Medium	1	No Impact	Low Impact
1146	Eucalyptus saligna	22	13	600	Good	Good	High	1	Medium Impact	Medium Impact
1147	Eucalyptus saligna	17	11	500	Good	Good	High	1	Low Impact	Medium Impact
1148	Eucalyptus saligna	18	11	420	Good	Good	High	1	Low Impact	Medium Impact
1149	Unidentified	0	0	0				1	High Impact	Removed in Demolition
1150	Eucalyptus saligna	11	5	300	Fair	Fair	Low	1	No Impact	Medium Impact
1151	Acacia elata	9	4	300	Poor	Poor	Low	1	Low Impact	Medium Impact
1152	Unidentified	0	0	0				1	High Impact	Removed in Demolition
1153	Unidentified	0	0	0				1	High Impact	Removed in Demolition
1154	Eucalyptus saligna	21	18	900	Good	Good	High	1	Medium Impact	High Impact
1155	Eucalyptus saligna	20	15	600	Good	Good	High	1	Medium Impact	High Impact
1156	Eucalyptus saligna	22	17	700	Good	Good	High	1	Medium Impact	Medium Impact
1157	Eucalyptus saligna	11	5	250	Poor	Poor	Low	1	No Impact	High Impact
1158	Eucalyptus saligna	17	13	400	Good	Good	High	1	Low Impact	High Impact
1159	Eucalyptus saligna	9	3	350	Good	Fair	Medium	1	Low Impact	High Impact
1160	Eucalyptus saligna	15	13	600	Fair	Fair	Medium	1	Low Impact	Medium Impact
1161	Unidentified	0	0	0				1	No Impact	High Impact
1162	Eucalyptus saligna	12	8	400	Fair	Fair	Medium	1	No Impact	High Impact
1163	Eucalyptus pilularis	15	11	550	Fair	Fair	Medium	1	No Impact	Medium Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1164	Acacia elata	8	5	350	Poor	Poor	Low	1	No Impact	Low Impact
1165	Eucalyptus punctata	10	6	450	Poor	Fair	Low	1	No Impact	Low Impact
1166	Eucalyptus sp.	11	6	450	Poor	Poor	Low	1	No Impact	No Impact
1167	Syncarpia glomulifera	8	3	200	Fair	Fair	Medium	1	No Impact	No Impact
1168	Syncarpia glomulifera	8	3	300	Fair	Fair	Medium	1	High Impact	Removed in Demolition
1169	Syncarpia glomulifera	9	3	300	Fair	Fair	Low	1	No Impact	No Impact
1170	Syncarpia glomulifera	8	3	200	Fair	Poor	Low	1	No Impact	No Impact
1171	Syncarpia glomulifera	7	3	250	Fair	Fair	Low	1	Medium Impact	No Impact
1172	Syncarpia glomulifera	8	3	250	Fair	Poor	Low	1	High Impact	Removed in Demolition
1173	Eucalyptus sp.	8	4	350	Poor	Poor	Low	1	No Impact	No Impact
1174	Lophostemon confertus	8	5	200	Fair	Poor	Low	1	No Impact	No Impact
1175	Unidentified	0	0	0				1	Medium Impact	Medium Impact
1176	Casuarina cunninghamiana	9	4	350	Fair	Fair	Medium	1	High Impact	Removed in Demolition
1177	Ficus microcarpa	11	4	200	Fair	Fair	Low	1	No Impact	High Impact
1178	Casuarina glauca	12	4	420	Good	Fair	Medium	1	No Impact	High Impact
1179	Casuarina glauca	9	3	220	Fair	Fair	Low	1	No Impact	High Impact
1180	Casuarina glauca	15	3	250	Fair	Fair	Medium	1	No Impact	High Impact
1181	Unidentified	0	0	0				1	No Impact	High Impact
1182	Casuarina glauca	11	3	200	Fair	Fair	Low	1	No Impact	High Impact
1183	Eucalyptus eximia	10	3	350	Good	Poor	Low	1	No Impact	High Impact

Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1184	Unidentified	0	0	0				1	No Impact	High Impact
1185	Eucalyptus tereticornis	28	10	800	Good	Good	High	1	No Impact	High Impact
1186	Unidentified	0	0	0				1	No Impact	High Impact
1187	Eucalyptus saligna	20	4	300	Fair	Fair	Low	1	No Impact	High Impact
1188	Eucalyptus saligna	27	11	1100	Good	Good	High	1	No Impact	High Impact
1189	Unidentified	0	0	0				1	No Impact	High Impact
1190	Eucalyptus saligna	27	9	900	Good	Good	High	1	No Impact	High Impact
1191	Eucalyptus saligna	9	3	300	Fair	Fair	Low	1	No Impact	High Impact
1192	Casuarina glauca	7	2	150	Fair	Fair	Low	1	No Impact	High Impact
1193	Eucalyptus saligna	15	5	300	Fair	Fair	Low	1	No Impact	High Impact
1194	Eucalyptus sp.	20	6	250	Good	Good	High	1	No Impact	High Impact
1195	Unidentified	0	0	0				1	No Impact	High Impact
7222	Corymbia maculata	13	3	200	Good	Fair	Medium	1	No Impact	No Impact
1196	Eucalyptus pilularis	15	5	250	Good	Fair	High	1	No Impact	Low Impact
1197	Eucalyptus pilularis	15	5	250	Good	Fair	High	1	No Impact	Low Impact
8771	Casuarina glauca	20	6	200	Fair	Fair	Medium	1	No Impact	High Impact
8772	Casuarina glauca	20	6	200	Fair	Fair	Medium	1	No Impact	High Impact
8773	Casuarina glauca	20	6	200	Fair	Fair	Medium	1	No Impact	High Impact
8774	Casuarina glauca	20	6	200	Fair	Fair	Medium	1	No Impact	High Impact
1198	Eucalyptus saligna	12	5	400	Fair	Poor	Low	1	No Impact	High Impact

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Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
1199	Allocasuarina littoralis	11	3	300	Good	Fair	Low	1	No Impact	High Impact
1200	Allocasuarina littoralis	15	6	350	Good	Fair	Medium	1	No Impact	High Impact
1201	Eucalyptus saligna	7	3	300	Poor	Poor	Low	1	No Impact	High Impact
197	Angophora floribunda	17	5	450	Good	Good	High	1	No Impact	No Impact
196	Angophora floribunda	17	5	450	Good	Good	High	1	No Impact	No Impact
9913	Acacia elata	7	5	350	Poor	Fair	Low	1	No Impact	No Impact
9911	Angophora costata	15	12	300	Good	Good	High	2	No Impact	No Impact
9910	Angophora costata	7	4	200	Fair	Fair	Medium	1	No Impact	No Impact
9929	Ligustrum sinense	8	3	200	Good	Fair	Low	1	No Impact	No Impact
9924	Casuarina glauca	15	9	400	Fair	Fair	Medium	1	High Impact	Removed in Demolition
9925	Casuarina glauca	15	12	400	Good	Fair	Medium	1	High Impact	Removed in Demolition
9928	Melia azedarach	5	4	200	Poor	Poor	Low	1	No Impact	Low Impact
9907	Eucalyptus saligna	20	15	500	Good	Good	Medium	1	High Impact	Removed in Demolition
9908	Syncarpia glomulifera	7	5	400	Fair	Fair	Medium	1	Low Impact	Low Impact
9909	Syncarpia glomulifera	4	3	150	Poor	Poor	Low	1	No Impact	No Impact
9904	Melia azedarach	8	7	450	Poor	Poor	Low	1	High Impact	Removed in Demolition
9951	Syncarpia glomulifera	7	5	350	Good	Fair	Medium	1	Medium Impact	High Impact
9914	Casuarina glauca	18	12	500	Fair	Fair	Medium	1	High Impact	Removed in Demolition
9930	Casuarina glauca	18	12	500	Fair	Fair	Medium	1	High Impact	Removed in Demolition
9931	Casuarina glauca	18	12	500	Fair	Fair	Medium	1	High Impact	Removed in Demolition

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Tree	Name	Height	Spread	DBH mm	Health	Structure	Retention value	Trees in group	Demolition impact	Development impact
9932	Casuarina glauca	18	12	500	Fair	Fair	Medium	1	High Impact	Removed in Demolition
9933	Casuarina glauca	18	12	500	Fair	Fair	Medium	1	High Impact	Removed in Demolition
9934	Casuarina glauca	18	12	500	Fair	Fair	Medium	1	Medium Impact	High Impact
9915	Pittosporum undulatum	4	5	100	Poor	Poor	Low	1	No Impact	High Impact
9917	Angophora costata	12	11	400	Good	Good	High	1	Low Impact	Low Impact
9916	Lophostemon confertus	4	3	100	Poor	Poor	Low	1	No Impact	No Impact
9918	Syncarpia glomulifera	7	5	350	Good	Fair	Medium	1	No Impact	No Impact
9919	Allocasuarina torulosa	7	3	200	Fair	Fair	Low	1	No Impact	No Impact
9920	Melia azedarach	8	6	150	Poor	Poor	Low	1	No Impact	No Impact
9922	Melia azedarach	10	6	300	Poor	Low	Low	1	Medium Impact	No Impact
9921	Syzygium sp.	5	3	100	Poor	Fair	Low	1	Low Impact	No Impact
9923	Casuarina glauca	9	5	250	Fair	Fair	Medium	1	No Impact	No Impact
9927	Casuarina glauca	12	13	450	Good	Fair	Medium	1	Low Impact	High Impact
9926	Eucalyptus resinifera	12	11	400	Fair	Fair	Medium	1	High Impact	Removed in Demolition
9953	Acacia elata	5	3	200	Poor	Fair	Low	1	No Impact	Medium Impact
9912	Acacia elata	5	4	150	Fair	Fair	Low	1	No Impact	No Impact

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# 3 Recommendations

## 3.1 Trees requiring detailed assessment

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.

## 3.2 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.

## 3.3 Offsetting

Any loss of trees should be offset in accordance with the recommendations outlined in *Eco Logical Australia August 2019. 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)

## 3.4 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.

# 4 Tree management plan

## 4.1 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.

## 4.2 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

Danasasasasas	Prior to demolition and site establishment indicate clearly (with spray paint on trunks) trees marked for removal only.					
Pre-construction	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.					
During Construction	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, <a href="https://www.iaca.org.au">www.iaca.org.au</a>

# Appendix A 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).

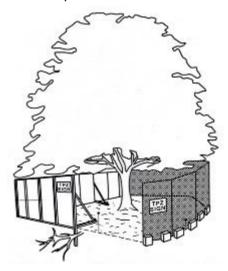
Trees that are to be retained must have protective fencing erected around the TPZ (or as specified in the body of the report) to protect and isolate it from the construction works. Fencing must comply with the *Australian Standard, AS 4687-2007, Temporary fencing and hoardings*.

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.

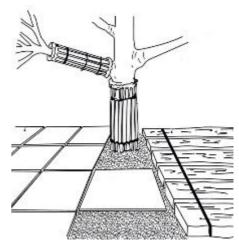
Crown protection may include the installation of a physical barrier, pruning selected branches to establish clearance, or the tying/bracing of branches.

## **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 B Tree retention assessment method

### Tree Significance - Assessment Criteria - STARS® Low Medium High The tree is in fair-poor condition The tree is in fair to good condition The tree is in good condition and and good or low vigour. good vigour The tree has form typical or The tree has form atypical of the The tree has a form typical for the atypical of the species species species The tree is a planted locally The tree is not visible or is partly indigenous or a common species The tree is a remnant or is a visible from the surrounding with its taxa commonly planted in planted locally indigenous properties or obstructed by other specimen and/or is rare or the local area vegetation or buildings uncommon in the local area or of botanical interest or of substantial The tree is visible from surrounding The tree provides a minor properties, although not visually age. contribution or has a negative prominent as partially obstructed by impact on the visual character and other vegetation or buildings when The tree is listed as a heritage item, amenity of the local area viewed from the street threatened species or part of an endangered ecological community The tree is a young specimen The tree provides a fair contribution or listed on Councils significant tree which may or may not have to the visual character and amenity register reached dimensions to be of the local area protected by local Tree The tree is visually prominent and Preservation Orders or similar The tree's growth is moderately visible from a considerable distance protection mechanisms and can restricted by above or below when viewed from most directions easily be replaced with a suitable ground influences, reducing its within the landscape due to its size and scale and makes a positive specimen ability to reach dimensions typical for the taxa in situ contribution to the local amenity. The tree's growth is severely restricted by above or below The tree supports social and ground influences, unlikely to reach cultural sentiments or spiritual dimensions typical for the taxa in associations, reflected by the situ - tree is inappropriate to the broader population or community site conditions group or has commemorative values. The tree is listed as exempt under the provisions of the local Council The tree's growth is unrestricted by Tree Preservation Order or similar above and below ground influences, supporting its ability to protection mechanisms reach dimensions typical for the The tree has a wound or defect that taxa in situ - tree is appropriate to has the potential to become the site conditions. 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

	Tree Significance										
		High	Medium	Low							
ctancy	Long >40 years										
Useful Life Expectancy	Medium 15-40 years										
Useful I	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.





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