

Appendix C - Arboricultural Impact Assessment Report

AIA-01

Revision A
31 October, 2022



PROJECT

BaptistCare Macquarie Park Concept Master Plan and Stage 1 Vertical Village State Significant Development Application (SSDA)

157 Balaclava Road, Macquarie Park, NSW, 2113

CLIENT / PRINCIPAL

BaptistCare

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i EXECUTIVE SUMMARY

Arterra was engaged by BaptistCare (the client) to undertake an arboricultural assessment of the BaptistCare campus at 157 Balaclava Road, Macquarie Park (the site) and prepare the relevant consulting arboricultural reports and plans to help guide the site-wide Master Planning process. This assessment was restricted to the trees within, or immediately adjacent to the site that were likely to be impacted by the proposed works. Other trees beyond the extent of the proposed works and unlikely to be impacted, are not addressed as part of this report.

This report supports a State Significant Development Application (**SSD-46561712**) to be submitted to the NSW Government Office of the Minister for Planning (consent authority) for the **Conceptual Master Plan** that will guide the staged redevelopment of the site over many years. It also supports the future or concurrent application for the approval of **Stage 1** portion of that Master Plan, (**SSD-46561716**) which includes demolition of existing residences, construction of trunk services and drainage, most of the future proposed road network and the Stage 1 Vertical Village (VV) tower development.

The Stage 1 implementation encompasses the demolition of all the existing buildings east of the Shalom Centre and Dorothy Henderson Lodge/VIMG site and then extensive redevelopment to create a modern 'vertical village' aged care and seniors living development that promotes 'ageing in place' and all within a future 'multi-generational' and diverse precinct. Construction of the VV is proposed within the portion of the site identified as 'superlot 4'. The VV development will comprise two multistorey towers above a combined basement and lower 3 storey podium level. Outside of this immediate site it will also encompass significant earthworks and disturbance to facilitate installation of necessary trunk services (power, communications, water, sewer, drainage), flood mitigation infrastructure, a new access road network, pedestrian circulation pathways and associated landscaping.

The demolition and Stage 1 construction work has potential to have significant impacts on numerous surrounding and established trees that are scattered throughout the central and eastern portions of the site. It is unrealistic and impractical to retain most of the trees within the central portions of the site due to this disturbance and the need for numerous other urban design outcomes such as building separations, road layouts and site re-grading. Arterra has worked extensively with the development team to try and ensure as much tree retention as possible and focussed particularly on those trees that will make a positive contribution to the Master Plan outcomes and native species and are particularly visible from the wider public domain.

Based on the current plans, the likely impacts to the currently retained trees are considered minor impacts and unlikely to significantly impact their condition. Importantly, it is proposed to retain numerous mature trees outside of the immediate Stage 1 site areas in the shorter term. This will maintain some of the character and urban canopy cover in the short term. These shorter-term retentions will then only be removed, in a staged fashion, once future development applications are further resolved, designed and submitted for approval. This allows a greater number of trees to be retained through Stage 1, but many in the internal sections of the site will ultimately be removed, if and when the ultimate Master Plan is realised.

This impact assessment has been prepared to identify the trees currently proposed to be retained and removed through the staged implementation of the Master Plan and so that the client can take a proactive approach to managing the trees to be retained by implementing appropriate measures to manage and protect them during the construction. A total of **491** trees were assessed for this report. These are trees that would be considered 'trees' under Section 9.5 of the City of Ryde DCP 2014. A protected tree is described as a tree having:

- a height of 5m or
- a stem circumference of 450mm at a height of 1.4m above the ground.

Very small trees, shrubs and dead trees have typically not been included in the assessment.

The following tables summarise the trees on the site and some other relevant statistics regarding the development.

Table 1 – Stage 1(VV) - Trees Retained & Removed as part of Stage 1 Works

Tree Retention Values	Trees Retained	Trees Recommended for Removal	Total Trees
High	40	10	50
Moderate	133	66	199
Low	134	87	221
Nil/ Should Remove	-	21	21
TOTAL	307	184	491

Table 2 – Ultimate Site-wide Master Plan - Trees Retained & Removed

Tree Retention Values	Trees Retained	Trees Recommended for Removal	Total Trees
High	36	14	50
Moderate	103	96	199
Low	78	143	221
Nil/ Should Remove	-	21	21
TOTAL	217	274	491

The following points summarise the tree impact assessment **for Stage 1**. A total of 307 trees are proposed to be retained and 184 trees are proposed for removal.

- **40** (80%) of the **High** value trees are retained.
- **133** (67%) of the **Moderate** value trees are retained.
- **134** (61%) of the **Low** value trees are retained.
- None of the trees proposed to be retain experience a Major Incursion as defined in AS4970 - 2009 Protection of Trees on Development Sites

There are **184** trees are suggested for removal in Stage 1. With regard to those trees:

- **21** are rated with **Nil** Retention Value and should be removed regardless of any proposed works.
- **163** are within the footprint of the proposed building and road works and are therefore unable to be retained. Their retention values are broken down as follows:
 - **10** (20%) of the **High** value trees are removed.
 - **66** (33%) of the **Moderate** value trees are removed.
 - **87** (39%) of the **Low** value trees are removed.

An additional **90** trees are proposed for ultimate removal due to the implementation of the remainder of the sitewide Master Plan. We note, however, these removals will be staged over numerous years. The implementation of the Master Plan will also see the proposed tree removals offset by the planting of many new tree and predominantly endemic trees in the new proposed landscape schemes. Over **400 new trees** are proposed to replace those removed. Some of the existing trees may also be able to be retained during more detailed design of the proposed future developments. In the Master Plan a total of **217** trees are proposed to be retained and **274** trees are proposed for removal.

- **36** (or 72%) of the High value trees are retained.
- **103** (or 52%) of the Moderate value trees are retained.
- **78** (or 35%) of the Low value trees are retained.
- None of the trees proposed to be retained are expected to experience a major Incursion as defined in AS4970 - 2009 Protection of Trees on Development Sites.

Refer to Appendix 4.1 'Tree Plans' for tree protection and removal plans together with details of the likely minor incursions for both Stage 1 and the longer term implementation. The trees most importantly to be retained and protected beyond the implementation of Stage 1 are predominantly those on the highly visible periphery of the site and the nearby neighbouring property trees that have generally been maintained beyond the extent of impacts from the foreseeably proposed works. By retaining and protecting many of these trees within larger consolidated Tree Protection Areas, the proposed development will continue to maintain important mature tree screening from the adjacent Epping Road and Balaclava Road, with the future new buildings softened and screened immediately by the retained mature trees that have been carefully integrated with the proposed new landscaping and then supplemented by extensive new tree planting.

As with all aspects in the development and construction process, the tree related constraints have to be weighed up against many other relevant development opportunities and constraints. The retention of the trees on the site must also consider economic, social, environmental, construction and practical realities. This document has been prepared by Arterra Design Pty Ltd, using the expertise of our in-house consulting arborist (AQF Level 5), Robert Smart. Robert is a member of the International Society of Arboriculture - Australian Chapter and is also a Registered Consulting Arborist with Arboriculture Australia.



Robert Smart AAILA , ISA, AA

Director, Registered Landscape Architect (054), Registered Consulting Arborist (1804).

1.0 INTRODUCTION

1.1 Introduction

This report has been prepared to accompany a State Significant Development Application (SSDA) for a Concept Master Plan for the site located at 157 Balaclava Road, Macquarie Park.

Specifically, consent is sought for the following in this Concept SSDA:

- A mixed use development comprising a maximum GFA of 190,000m² dedicated to a range of land uses including:
 - Student Housing;
 - Seniors Housing;
 - Build to Rent;
 - Retail;
 - Residential;
 - Mixed uses including commercial and allied health; and
 - A school.
- Maximum building heights and GFA for each development block;
- Public domain landscape concept, including parks, streets and pedestrian connections; and
- Vehicular and intersection upgrades.

The site is located at 157 Balaclava Road, Macquarie Park and is legally identified as Lot 60 in DP 1107965. The site is located near the corner of Herring Road and Epping Road within the City of Ryde Local Government Area (LGA). It is directly south of Macquarie University and in close proximity to Macquarie Shopping Centre. The surrounding area is characterised by a mix of commercial and education uses, as well as student accommodation and residential dwellings.

The site comprises a significant land holding with street frontages to Balaclava Road and Epping Road. It currently accommodates several low-medium density buildings that are connected via internal footpaths and lower order road networks. The total site area of the BaptistCare landholding is 63,871m².



 The Site
Figure 1 – Location Plan

This report has been prepared in response to the Secretary's Environmental Assessment Requirements (SEARS) dated 17 August 2022 for SSD-46561712 and SSD-46561716. Specifically, this report has been prepared to respond to those SEARS summarised in Table 1.

TABLE 1 - SEARs requirements		
Item	Description of Requirement	Section Reference (this report)
4. Tree Removal and Landscaping	Provide landscape plans and public domain plans demonstrating that the proposal has considered Part 4.5 of the Ryde DCP 2014 with respect to its public domain interface.	Refer: - Appendices 4.0 – Tree Plans - Landscape Master Plan Report
	Provide a concept site-wide landscape plan that details indicative site planting and; provides evidence that opportunities to retain significant trees have been explored. demonstrates how the proposed development would:	Refer: - Appendices 4.0 – Tree Plans - Landscape Master Plan Report
	Demonstrates how the proposed development would: <ul style="list-style-type: none"> • contribute to long term landscape setting in respect of the site and the streetscape. • mitigate the urban heat island effect and ensure appropriate comfort levels on-site. • contribute to objectives to increase urban tree canopy cover • maximise opportunities for green infrastructure, consistent with • Greener Places. 	Refer: - Appendices 4.0 – Tree Plans - Landscape Master Plan Report

1.2 Background

Arterra was engaged by BaptistCare (the client) to undertake an arboricultural assessment of the BaptistCare campus at 157 Balaclava Road, Macquarie Park (the site) and prepare the relevant consulting arboricultural reports and plans to help guide the site-wide master planning process. This assessment was restricted to the trees within, or immediately adjacent to the site that were likely to be impacted by the proposed works. Other trees beyond the extent of the proposed works and unlikely to be impacted, are not addressed as part of this report.

This report supports a State Significant Development Application (SSDA) for the Concept Master Plan that will guide the staged redevelopment of the site over the next several years. It also supports the concurrent or future application for the approval of Stage 1 of that Master Plan, which includes demolition of existing residences, construction of trunk services and drainage, most of the future proposed road network and the Stage 1 Vertical Village (VV) development itself.

The Stage 1 implementation encompasses the demolition of all the existing buildings east of the Shalom Centre and Dorothy Henderson Lodge and then extensive redevelopment to create a modern 'vertical village' aged care and seniors living development that promotes 'ageing in place' within a future 'multi-generational' and diverse precinct. Construction of the VV is proposed within the portion of the site identified as 'superlot 4'. The VV development will comprise two towers of 13 and 14 storeys over combined basement and building podium levels. Outside of this immediate site it will also encompass significant earthworks and disturbance to facilitate installation of trunk services (power, communications, water, sewer, drainage), flood mitigation infrastructure, a new access road network, pedestrian circulation pathways and associated landscaping.

The demolition and Stage 1 construction work will have significant impacts on the numerous surrounding and established trees that are scattered throughout the central and eastern portions of the site. It is unrealistic and impractical to retain most of the trees within the central portions of the site due to this disturbance and the need for numerous other urban design outcomes such as building separations, road layouts and site re-grading. Arterra has worked extensively with the development team to try and ensure as much tree retention as possible and

focussed particularly on those trees that will make a positive contribution to the Master Plan outcomes, and native species, and are particularly visible from the wider public domain.



Figure 1.1 – Site context. (Source: Nearmap/ Arterra 2022)



Figure 1.2 – Photo shows typical site conditions in the Stage 1 VV area. There are typically smaller ornamental trees and shrubs surrounding the buildings while the larger, more prominent trees are typically located in the central open spaces and there are large neighbouring trees in the University grounds on periphery of the site, as can be seen in the background of this photo. (Photo: Arterra 21/12/21)



Figure 1.3 – Typical photo of the wider site and conditions. There are typically smaller ornamental trees and shrubs surrounding the buildings while the larger and more prominent trees are typically located in the larger open space portions. There is a wide mix of native and exotic trees. Very few of the trees are endemic to the site. (Photo: Arterra 11/3/22)

1.3 Aims of This Report

The aim of this report is to assess the impact of the new development on the existing trees within and immediately adjacent the site. Specifically, the report aims to:-

- Assess the health and condition of the trees;
- Accurately record information relevant to the existing trees;
- Assess the significance, Useful Life Expectancy (ULE) and retention values of the existing trees;
- Provide clear recommendations as to which trees should ideally be retained and protected;
- Identify the proposed Tree Protection Zones (TPZ) of the tree being retained and identify and assess the likely arboricultural impacts of the development on the trees; and
- Provide preliminary advice on the tree protection measures that will be required during construction to ensure the trees are successfully retained.

The following limitations apply to this report's use: -

1. Plans: All plans are based on information provided to Arterra. They should only be used relating to tree issues and are not suitable for any other purpose.
2. Notification of proposed alterations to disturbance within TPZs: Arterra must be clearly notified of any proposed alterations to the plans or additional disturbance in TPZs, so that we can advise on the implications before any work is undertaken.



Figure 1.4 – View south-east from the site, illustrating the large neighbouring trees (*Eucalyptus grandis*) on the adjoining University site. (T01-T03). Although these are not 'endemic' native trees they are large and prominent trees that will require protection from any development impacts due to being on the neighbouring property. (Photo: Arterra 21/12/21)



Figure 1.5 – Typical photo of the adjoining University site and conditions. There are large neighbouring trees in the University grounds on periphery of the site. These are typically well setback from the site and can, and will be, retained and protected. (Photo: Arterra 12/3/22)



Figure 1.6 – T37(L) and T38(R) are the two Camphor Laurels that remain in the centre of the VV site and likely date from the early 1940s, being the last remaining remnants of a more extensive driveway row planting. These trees are large, and relatively historic, but are now in only fair condition and have been extensively canopy lifted and pruned and have very sparse canopies for the species. Camphor Laurels are now also a relatively undesirable species, as they are frequently invasive within gardens and surrounding bushland. Given this, their declining conditions and their sizes, it is unlikely these trees could be successfully retained without very substantial modifications made to the current VV designs and Master Plan. (Photo: Arterra 22/12/21).



Figure 1.7 – Prominent groupings of relatively tall and healthy Lemon-scented gums (*Corymbia citriodora*) around the south-west perimeter of the site, fronting Balaclava Rd. Although individually these may not be 'high' retention value trees, as a group their significance is higher and great emphasis has been placed on maintaining a good proportion of these trees. (Photo: Arterra 11/3/22).



Figure 1.8 – Prominent individual Spotted Gums (*Corymbia maculata*) around the south-eastern portions of the site. A great emphasis has been placed on maintaining a good proportion of these trees as they provide very useful softening between adjoining existing and future towers. The site planning has considered the location of these trees where ever possible, while still achieving other, often competing but equally important, urban design initiatives. (Photo: Arterra 11/3/22).



Figure 1.9 – Prominent individual Spotted Gums such as T87 (in centre and arrowed) are located around the site. This is one of the best trees on the site and has been a major focus for retention and protection. It provides very useful softening between existing and future towers. Site planning has very seriously considered the location of this tree within a designed centralised park system. (Photo: Arterra 11/3/22).



Figure 1.10 – Although not given 'high' retention value due to being exotic species, the site planning has considered the location of some of these larger moderate value trees wherever possible due to their great aesthetic and shade contributions. Many are retained in the short term as part of Stage 1, but will ultimately require removal as part of the wider Master Plan, due to conflicts with future buildings, infrastructure and the required extensive grading for such a major redevelopment. (Photo: Arterra 11/3/22).

1.4 Relevant Controls or Legislation

Provisions of the State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017, City of Ryde Development Control Plan 2021 (DCP 2014) and City of Ryde Urban Forest Technical Manual apply to the management and maintenance of existing trees and vegetation in the City of Ryde. Together these documents require that a development consent or a permit is obtained from Council before removing or altering any tree or Prescribed Vegetation.

The DCP Dictionary (Part 10) defines a tree as:

- a single or multi-trunked wood perennial plant, which develops many branches, usually at a distance of not less than 1 metre above the ground. It does not include any plant, which is a noxious plant, in its location, under the Noxious Weed Act 1993.

For the purposes of Section 9.5 of the DCP a protected tree is described as a tree having:

- a height of 5m or
- a stem circumference of 450mm at a height of 1.4m above the ground

Section 9.5, Part 2.0 (Exempt Works) provides exemptions for certain tree works. These exemptions don't apply to listed significant trees, heritage items or items within heritage conservation areas as defined in the DCP. To the best of our knowledge, the site does not contain any listed 'significant trees' nor is the site identified as a heritage site.

Trees in the following table are exempt from protection under the DCP:

Common Name	Botanical Name
Golden Wreath Wattle	<i>Acacia saligna</i>
Box Elder	<i>Acer negundo</i>
Tree of Heaven	<i>Ailanthus altissima</i>
Evergreen Alder	<i>Alnus jorulensis</i>
Cocos Palm	<i>Syagrus romanzoffianum</i>
Rhizomatous Bamboo	<i>Bambusa spp.</i>
Hackberry	<i>Celtis sinensis</i>
Camphor Laurel	<i>Cinnamomum camphora</i>
Cotoneaster	<i>Cotoneaster sp.</i>
Cockscomb Coral Tree	<i>Erythrina crista-galli</i>
Indian Coral Tree	<i>Erythrina x sykesii</i>
Weeping Fig	<i>Ficus benjamina</i>
Rubber tree	<i>Ficus elastica</i>
Norfolk Island Hibiscus	<i>Lagunaria patersonii</i>
Broad leaf Privet	<i>Ligustrum lucidum</i>
Narrow leaf Privet	<i>Ligustrum sinense</i>
Oleander	<i>Nerium oleander</i>
African Olive	<i>Olea europaea africana</i>
Poplars	<i>Populus spp.</i>
Golden Robinia or Golden Locust	<i>Robinia pseudoacacia</i>
Willows	<i>Salix spp.</i>
Umbrella tree	<i>Schefflera actinophylla</i>
Athel tree	<i>Tamarix aphylla</i>
Rhus tree	<i>Toxicodendron spp.</i>

All edible fruit and nut trees except *Acmena* spp. (Lilly Pilly), *Syzygium* spp. (Lilly Pilly), *Elaeocarpus* spp. (Blueberry Ash) or *Macadamia* spp. (Macadamia Tree) are exempt species.

1.5 Conduct and Author Qualifications

Given the above stated aims of this report, as author of this report, Arterra confirms that Robert Smart is a suitably qualified (AQF Level 5) Consulting Arborist, to provide comment and the required arboricultural advice pertaining to these matters. Robert Smart is a member of the International Society of Arboriculture - Australian Chapter, a Registered Consulting Arborist with Arboriculture Australia and a licenced Quantified Tree Risk Assessment practitioner. Robert Smart has more than 25 years' experience in managing trees in complex development sites.

Furthermore, Mr Smart confirms that he has read and agrees to be bound by the NSW Uniform Civil Procedure Rules 2005, Part 31 Division 2 Provisions, Schedule 7 - Expert witness code of conduct.

Arterra provides specialist consulting arborist services only and does not provide any physical tree services such as climbing, pruning, removal, root investigations or root pruning. Our advice is based on impartial professional assessment only, as we do not derive any financial benefit from specifying pruning or other physical services. We will not specify any such activities unless we determine them to be essential to ongoing tree health or stability.

1.5 Key Definitions and Abbreviations

The following abbreviations are used throughout this report.

"TPZ" = Tree Protect Zone

This is the area as defined by AS 4970 – 2009 "Protection of Trees on Development Sites" and means the typical minimum area above and below ground at a given distance from the trunk to provide for protection of the tree. Most importantly it represents the root zone required to be left undisturbed to maintain a healthy and viable tree. Please note, that roots will usually extend well beyond this zone, so this represents the minimum remaining root zone required, assuming all others are lost or damaged due to construction. It is typically calculated as a circle centred on the trunk unless existing site conditions can be assessed and indicate otherwise.

"TPA" = Tree Protection Area

Although based on the nominal TPZ described above, this is a consolidated and often simplified area to be applied during construction for tree protection. This area is often shaped to deal with practical construction realities whilst maintaining appropriate protection of the nominal TPZ (i.e. fencing a nominal circular TPZ can be difficult and impractical. TPA areas often define a square or rectangular shape which includes the area calculated as the nominal TPZ). It often amalgamates and simplifies tree protection zones, particularly when they are overlapping and can be amended for items such as existing buildings, walls, pathways and fences. It also protects areas that are contiguous to the calculated nominal TPZ, which are to be applied when the nominal TPZ is not completely circular due to structures potentially impeding root growth, or when there is a necessary incursion calculated within the TPZ.

"SRZ" = Structural Root Zone

This is the area as defined by AS 4970 – 2009 "Protection of Trees on Development Sites" and means the area immediately around the base of the tree at a given distance from the trunk within which the woody roots and soil cohesion are considered vital to the structural stability of the tree. Disturbance, damage or removal of soil and roots within this area will typically render the tree unstable and require its removal. It is typically calculated as a circle, centred on the trunk, unless existing site conditions can be assessed and indicate otherwise.

DBH = Diameter at Breast Height

This is the diameter of the trunk measured at 1.4m above ground level.

DGL = Diameter at Ground Level

This is the diameter of the trunk measured at ground level, but just above any root flare.

Non-Destructive Digging

This is the process of safely excavating the ground surface to minimise the risk of damage to existing tree roots. This method is used to map and locate existing tree roots within the TPZ and/or SRZ and helps to guide and inform the installation and/or construction of proposed services and/or structures close to retained trees. This is often achieved through hand digging using a shovel, trowel and/or fork with care not to damage the bark and wood of any roots. Compressed air (air spade) or water vacuum extraction are appropriate non-destructive alternatives to hand digging. Much reduced pressures may be required to avoid stripping root bark and other live tissue. When this work occurs within a TPZ and/or SRZ of a tree to be retained, a qualified consulting arborist should always be present to monitor the works.

Inclusion or Included Bark Branch Union

Growth of bark at the interface of two or more branches on the inner side of the branch union which is unable to be lost from the tree and accumulates, or is trapped, between the acutely divergent branches. This can form a weakened branch union in some species.

Epicormic Growth

Juvenile shoots produced along branches or trunks from dormant or latent buds concealed beneath bark. Production can be stimulated by fire, pruning, wounding or root damage and when excessively produced may also be an indicator of tree stress or decline.

1.7 Documents Reviewed

Plans and documents referenced and reviewed as part of this tree impact assessment were:-

General and Wider Government Policies

The main bodies of work specifically driving the key objectives for the BaptistCare Macquarie Park Precinct are the:

- NSW Government Architects Office –(Draft) Greener Places (Oct 2017)
- Clean Air and Urban Landscapes Hub - Cities for People and Nature (2020)
- Low Carbon Living CRC – Guide to Urban Cooling Strategies (July 2017)
- National Green Infrastructure Network-Urban Ecology : Theory Policy and Practice in NSW (May 2017)
- City of Melbourne/Victorian Dept. Environment, Land, Water and Planning – How to grow an urban forest
- The Nature Conservancy Washington – Outside our Doors (2016)
- The Nature Conservancy Washington – Planting Healthy Air (2016)
- Trees and Design Action Group – No trees, no future : trees in the urban realm (Nov 2008)

City of Ryde Council:-

- City of Ryde -Urban Forest Strategy 2013
- DCP 2014 (2021 update)
- City of Ryde Urban Forest Technical Manual

LTS Surveyors:-

- Detail and Levels Survey of Lot 60, DP1107965

Jackson Teece Architecture:-

- Architectural Plan Set for DA (Issued For Review) Dated 6 October 2022

BVN:-

- Urban Design and Masterplan Design Report Dated 17 October 2022

JN Engineers:-

- Civil Design Report Dated 20 October 2022
- Services Concept Design Report Dated 21 October 2022

Based on the proposed draft servicing and infrastructure assessments and the above architectural and engineering plans we are satisfied that the proposed servicing for the development can be designed and implemented to avoid major trenching or disturbance to the existing trees proposed to be retained. We understand that no new services are proposed to be extended into or through the proposed TPAs and any existing services that are no longer required will be capped off and left in situ if located under trees to be retained.

1.8 Site Location, History and Context

The site is in the Macquarie Park corridor as defined in the in the City of Ryde LGA DCP 2014 (2021), approximately 14km northwest of the Sydney CBD and 16.5km from the coast at Manly.

At the time of the arrival of Europeans at Sydney Cove in January 1788, the Wallumedegal or Wallumatagal were the traditional custodians of the area, which they called Wallumetta. From February 1792, small land grants were made to ex-convicts in the area called the Eastern Farms – being farming land east of Parramatta. By 1798, Eastern Farms had become important for supplying fruit, vegetables and poultry to the growing colony of Sydney. This land use was much expanded and continued throughout most of the 1800s and even into the early 1900s, until suburban housing started to dominate.

Review of the earliest available aerial imagery from 1930, shows the site largely cleared of endemic vegetation and being utilised for orchards and agricultural pursuits. Development for seniors living commenced in the early 1960s, with most of the development, reflective of the current facilities, completed in the 1970s. The Shalom RACF was completed post 2002.



Figure 1.11 – 1930 – Site is largely cleared of all endemic vegetation and is being used for orchards and agricultural pursuits. Almost none of the current, existing trees are believed to be present on the site at this time. (Photo: NSW Spatial Services)

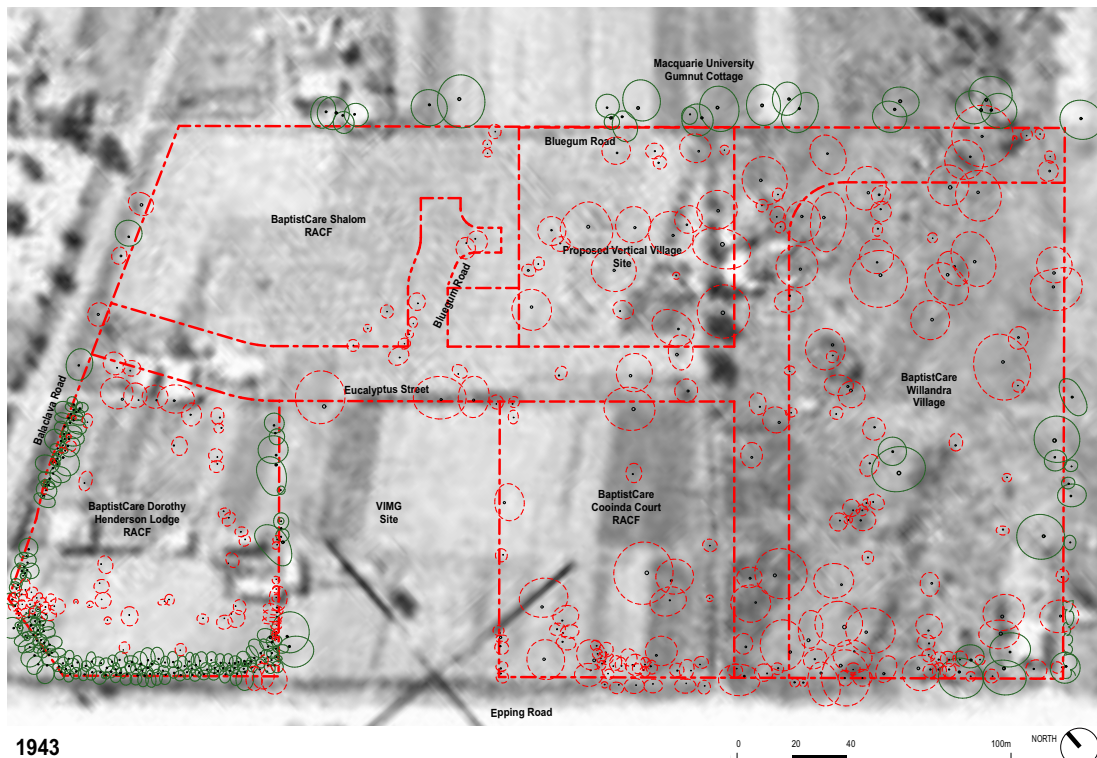


Figure 1.12 – 1943 – Site is largely cleared of all endemic vegetation and is being used for orchards and agricultural pursuits. (Photo: NSW Spatial Services)



1951

Figure 1.13 – 1951 – Site is largely cleared of all endemic vegetation and is being used for orchards and agricultural pursuits. (Photo: NSW Spatial Services)



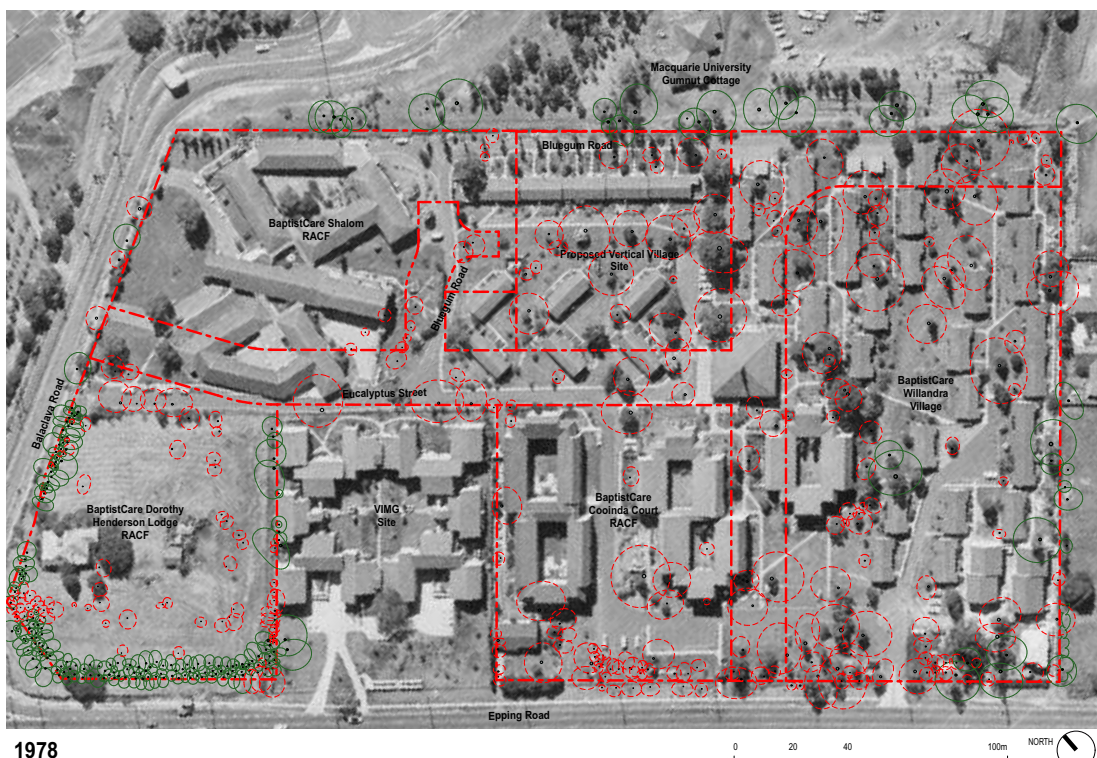
1961

Figure 1.14 – 1961 – Site is largely cleared of all trees apart from Camphor Laurels (T38 and T39). Evidence of development beginning for aged care facilities in the northern corner fronting Balaclava Road. (Photo: NSW Spatial Services)



1965

Figure 1.15 – 1965 – Site is largely cleared of all trees apart from Camphor Laurels (T38 and T39). Evidence of development beginning for aged care facilities in the northern corner fronting Balacava Road. (Photo: NSW Spatial Services)



1978

Figure 1.16 – 1978 – Completion of aged care facilities and existing seniors living units throughout remainder of the site. Image indicates numerous young trees were planted around the new development through the late 1960s and early 1970s, most of which remain today. Trees reflective of the positions of T04 - T10 are now visible in the university grounds and would be consistent with the size and age of these trees. (Photo: NSW Spatial Services)



1986

Figure 1.17 – 1986 –No significant change from previous photos. (Photo: NSW Spatial Services)



1994

Figure 1.18 – 1994 –No significant change from previous photos except for the incorporation and development of Dorothy Henderson Lodge in the south -west and Gumnut Cottage in Macquarie University. (Photo: NSW Spatial Services)

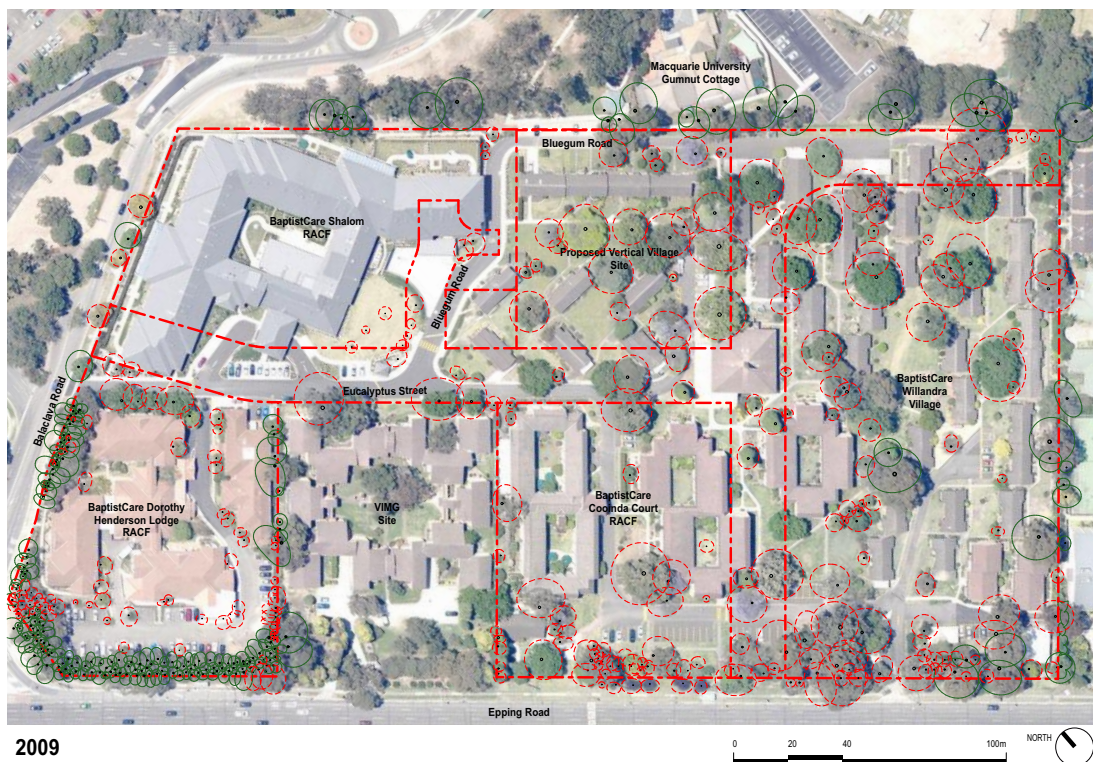


Figure 1.19 – 2009 – No significant change from previous photos except for the redevelopment of Shalom Centre in the north-west. (Photo: NearMap)



Figure 1.20 – 2021 (January) – The site broadly as it appears today. Notably work has commenced on the adjoining VIMG site. (Photo: NearMap)

1.9 Site Ownership and Zoning

The site is owned by BaptistCare. It is identified as Lot 60 in DP 1107965 with an approximate land area of 6.38ha. The site is zoned B4 Mixed Use, under City of Ryde Council LEP 2014 Land Zoning Map: (<https://www.planningportal.nsw.gov.au/spatialviewer/#/find-a-property/address>) accessed 22/08/22.

1.10 Assessment Methodology

On the 22 December 2021, 16 February 2022, and 11 & 12 March 2022 Robert Smart and Chloe Bristow of Arterra attended the site to undertake a detailed assessment of the trees within and immediately adjacent to the site and likely to be impacted by the proposed development. The trees' health and condition were assessed via a visual inspection undertaken from the ground only. Requisite tree data (including DBH, DGL, height & canopy spread, condition & proximity to services) were recorded using an Apple iPad and Filemaker Pro database.

The basic health and condition criteria that were inspected for each tree is summarised as follows: -

- Tree size, broad age-class and general balance of the tree;
- Above ground obstructions;
- Evidence of recent site disturbance;
- Canopy foliage size, colour and density;
- Dieback and epicormic growth;
- Trunk or branch wounding, branch tear outs and pruning history;
- Structural defects such as any co-dominant stems, cracks, splits, included bark, decay and
- Pests and disease evidence or occurrence.

All trees were photographed, given a unique identification number and plotted onto a scaled base plan for referencing and identification throughout the report and for future discussions and co-ordination. The photographic record of trees and general site context was taken using the inbuilt Apple iPad camera and a Panasonic Lumix TZ220 digital camera. Files have been resized, dated, named and filed in accordance with normal office procedures and protocols. No other image manipulation has been undertaken.

Tree trunk diameters were measured using a metric diameter tape measure. Tree heights were measured using the two-point clinometer function of a Nikon Forestry Pro laser range finder. Canopy spreads were estimated by pacing out distances along the cardinal axis of the canopy and cross-referencing to survey information and aerial photos. Canopy position and extents were then altered on the plans to more accurately portray the canopy extent and position.

No specialised equipment or methods were employed to test for the extent of decay in any of the trees, apart from a nylon 'sounding' mallet. No plant samples were analysed or independently tested to verify or formally identify any pests or diseases.

Subsurface Tree Root Investigations were carried out using non-destructive excavation along the site boundary adjacent to the neighbouring property tree T05. This was to ascertain the presence or otherwise, of significant roots growing into the site. The findings of the subsurface investigations are discussed further in Section 2.3.

Desktop Review and Research

Digital AutoCAD files of the proposed works were imported into Arterra's standard CAD software (ArchiCAD v24) and superimposed over the tree and site survey information. The extent of site disturbance was analysed for the proposed building works, landscaping, services and other site grading. An assessment was made of the likely extent of impacts on the TPZs, taking into account the likely construction impacts depending on the type of work being undertaken (ie: cut or fill, suspended slabs, decks, service trenches). Various area calculations and measurements were made in the CAD software of the likely incursions into the TPZs or SRZs.

Recent aerial photography data was obtained from the Nearmap website with aerial photos of the site dating from January 2021 imported into the above software for cross checking and assessment. (<http://www.nearmap.com/> accessed 15/12/2021). Various historic aerial photography was also reviewed on the NSW Spatial Services website.

Climatic data was obtained from the Bureau of Meteorology using statistics from the Masons Drive weather station in North Parramatta which is approximately 10km west of the site. (<http://www.bom.gov.au/climate/data/> accessed 03/03/2022)

1.11 Pre-Development Tree Assessment – Tree Retention Values

The information gathered in the field was tabulated and the retention value assessed using a combination of techniques commonly used and recognised in the arboricultural industry. The tree life expectancy was established using the Useful Life Expectance (ULE) system. A brief summary of these systems is provided below.

ULE

This is a system developed by Jeremy Barrell in 1993 that determines the time a tree may be expected to be retained based on its age, health, condition, safety and location. This is then moderated by the economics of maintenance or other costs of retaining the tree. A long ULE means the tree is presently expected to live longer than 40 years with minimal intervention and cost. A short ULE indicates a tree that is not expected to live longer than 5 years or may require substantial intervention or costs to retain it.

RETENTION VALUES

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

1. **"High" Retention Value** – these are trees that are typically in good or very good condition, large and visually prominent, historically or environmentally important. They may also be lesser quality trees, but part of an important grouping of trees. They should represent a serious physical constraint to the development and their removal avoided where possible and feasible.
2. **"Moderate" Retention Value** – these are trees that are in good to reasonable condition and should be retained where possible and feasible to do so. They may also be lesser trees, but part of an important grouping of trees and therefore warrant retention based on the group's value.
3. **"Low" Retention Value** – these are trees that are in poor condition or have structural defects, are particularly small or commonplace, are not historically, environmentally or socially significant and should not be considered as a constraint to the development. They could be retained only if they are not likely to be impacted by, or constrain potential desirable, development outcomes.
4. **"Should Remove" / No Retention Value** – these are trees that are in very poor health, exhibit poor form, or have serious structural defects, are considered weeds or combination of all these, and therefore should be considered for removal regardless of any development.

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

1.12 Tree Assessment – Tree Protection Zones

In order to ensure the long-term survival and growth of any tree to be retained on the development site, a suitable area is required to be protected around the tree. This area should typically be as large as possible. It should also take into consideration: -

- The size and age of the tree;
- Above and below ground properties;
- The health and condition of the tree;
- The species of tree and its tolerance to disturbance;
- Soil conditions, type, depth and site hydrology and
- Site specific conditions and any existing obstructions to root development

The Tree Protection Zones (TPZs) have been calculated using the formula and criteria outlined in AS 4970-2009 Protection of Trees on Development Sites. In summary the standard applies the calculation for the radius of the TPZ as $12 \times$ (the tree trunk diameter (in metres) calculated at breast height (DBH)). DBH is taken at 1.4m above ground level.

A maximum TPZ radius will be 15m (unless crown protection is required) while the minimum TPZ radius shall be 2m. The TPZ is typically assumed to be radial and centred on the centre of the tree's trunk unless other site factors or tree canopy size and location dictate an adjustment. Encroachments of up to 10% of the area may be accepted within the TPZ as long as it is outside of the Structural Root Zone (SRZ). This is known as a "minor encroachment". Encroachments greater than this, known as "major encroachments" will only be accepted with additional specific evidence that the tree will not be unduly impacted.

Whenever an encroachment is made into a TPZ, a suitable compensation should be made elsewhere and physically contiguous to the remaining TPZ.

The Structural Root Zone (SRZ) is the area defined as the minimum area required to retain the structural stability of the tree. The formula for calculating the SRZ is outlined in AS 4970 Section 3.3.5. No encroachment into the SRZ shall typically be allowed.

2.0 KEY FINDINGS & OBSERVATIONS

2.1 The Proposed Development

The redevelopment of the site, in summary involves the following:

- Stage 1:
 - Demolition of the existing buildings and surrounding infrastructure east of the Shalom Centre and the adjoining VIMG site,
 - Extensive re-grading of the site and excavations for an extensive basement car park and other back of house infrastructure.
 - Construction of the VV being a two tower, multistorey building over a large podium level and basement footprint that will encompass the entire of the lot designated for the Vertical Village itself.
 - Construction of a new access road network, adjoining pedestrian circulation shared pathways together with extensive hard and soft landscape works adjoining the street and within the building fabric.
 - Extension and augmentation of existing major trunk drainage services and other essential services infrastructure, particularly in the Epping Road and eastern portions of the wider site.
 - Dorothy Henderson Lodge and the Shalom Centre are proposed to be retained largely as per existing and kept operational for the foreseeable future and will be one of the last areas and stages developed within the wider Master Plan.
- Master Plan:
 - Staged demolition, regrading and reconfiguration of the remainder of the site (over the next several years) including installation of further trunk services as required.
 - Final reconfiguration where needed for the new vehicular access road network, pedestrian circulation pathways and landscaping, including further extensive native tree planting.

The proposed works will result in a major site disturbance which could have potentially significant impacts on the trees within and adjacent to the site. The proposed development will involve:-

- Major demolition works;
- Use of very large scale civil and earthmoving equipment;
- Access to and from the site with large trucks and construction plant;
- Major excavations;
- Large stockpiles of excavated material and demolition waste;
- Extensive stockpiles and temporary storage of building materials;
- Re-grading (both cutting and filling) of the existing surface levels;
- Major trenching for new services, particularly drainage and electrical;
- Major building works involving concreting, painting and general construction;
- Use of large tower cranes and piling rigs;
- Extensive temporary parking for site personnel and deliveries;
- Paving, decks, pedestrian bridges, rockwork and retaining walls and
- Landscaping and planting.

Key Assumptions:-

- All demolition, excavations and installation of services work that need to occur within any of the defined TPAs shall be done using hand tools and or other non-destructive methods only and only under the direct oversight of an appropriately qualified consulting arborist. Roots of 50mm diameter or greater are not to be cut or damaged unless specifically approved by the supervising consulting arborist.
- Pedestrian paths that occur or are proposed within the TPAs shall be constructed at or above the existing surface levels to minimised surface root impacts.
- Temporary construction battering, stockpiling or grading is not to be applied into the designated TPAs.
- Despite the above, the line of disturbance outside of most building lines has been typically estimated at a minimum of 1.5-2.0m from the face of the building to allow for provision of water proofing, services, access and scaffolding around the building during construction.
- All services connections for the VV building will typically be clear of any TPAs. Most other services connection proposed for the ultimate Master Plan have also been notionally coordinated to occur clear of the proposed retained trees.
- All construction access and deliveries are to be made via existing site access from the surrounding streets and the existing or proposed internal access roads. Concrete will typically be pumped and will not require truck movements through any designated TPAs.
- Where no spot levels or proposed contours are indicated it is assumed that the existing surface levels are retained.

- It is assumed that any new landscape grading and trimming within the nominated tree protection areas will be very minimal and installed using high quality, imported manufactured topsoil. No cultivation of the existing soils shall be undertaken within the defined TPA.
- That retaining wall footings, when occurring near trees to be retained, will be oriented away from the trees (ie: footings extending to the front of the face of the wall).
- Demolition and/or any unavoidable excavations within a defined TPA will be under the supervision and direction of a suitably qualified Project Consulting Arborist.



Figure 2.1 –Overview render of the proposed Master Plan development when viewed from the north-east corner. Stage 1 Vertical Village development is the building shown with greater detail in the centre right of the image. (Source: Arterra - BVN)



Figure 2.2 –Render of the proposed Stage 1 VV development when viewed from the ground level intersection of Eucalyptus St and Turpentine Way looking towards the north. Stage 1 Vertical Village development is the building shown with greater detail in the centre of the image. (Source: Arterra - BVN)



Figure 2.3 –Render of the proposed future central open space when viewed from Epping Road looking towards the north, indicating the extensive new tree planting and landscaping that will be undertaken. One of the prominent trees in the distance is the retained tree T87 which will give maturity and presence to this area while the younger trees establish. Much of this work will require substantial site modifications, grading, services and soil work and therefore many large existing trees can not be retained in their current central site locations. (Source: Arterra - BVN)



Figure 2.4 –Render of the proposed northern boundary where levels and master planning has sought to work in with and retain all existing mature trees along the Macquarie University frontage. (Source: Arterra - BVN)

2.2 Climate and Microclimate

Macquarie Park is in Sydney's north-western suburbs and shares the general climate of this region with moderate temperatures, good rainfall and minimal climatic and weather extremes. It is typically described as a temperate climate with hot to warm summers and cool winters, with relatively uniform rainfalls greater than 900mm / year. There is no distinct dry season.

The site is approximately 10.0km west from the Bureau of Meteorology automated weather station at North Parramatta. It has an average annual rainfall of 968mm, fairly evenly spread across the year but with a slightly drier period during the late winter and early spring months. The highest rainfall period is usually February with an average of 128mm and the driest month being July with an average of 46mm.

Maximum average daily temperatures range from 28.6°C in January to 17.5°C in July. The minimum average daily temperatures range from a high of 17.7°C in January down to lows of 6.3°C in July.

The primary wind direction is from the south-east or east in the afternoons while it is predominantly from the north-west and west in the mornings. (Source: Australian Bureau of Meteorology)

The strongest winds (>40km/h) are normally experienced from the west later in the day. There are no significant microclimatic influences over the site.

2.3 Soils and Vegetation

Soil mapping indicates the site to be within the Glenorie Soil Landscape Association which occurs extensively around the adjacent plateaus and ridge tops of Macquarie Park. These soils are often related to the remnants of highly weathered shales of the Wianamatta Group and typically characterised by undulating low and rolling hills located on the underlying Ashfield and Bringelly Shale geological formations which are interbedded shales with occasional sandstones. Typically, these areas would be shallow to moderately deep Red Podzolic soils, where the boundary between the topsoil and subsoil is relatively clear. These shale-based soils are generally of moderate fertility and because of the higher clay contents they can have reasonable nutrient and water holding capacity. Of key concern is that the subsoils can become hard setting and subject to compaction, particularly if trafficked when moist. They are also subject to waterlogging and often are very acidic which can lead to aluminium toxicity issues for plant growth.



Figure 2.5 – Soil sample with clay loam soil to 400mm then very heavy clay below this. (Photo: Arterra 22/12/21)

A representative soil sample was taken in the northern gardens adjacent Bluegum Road, near the boundary with the Macquarie University (Gumnut Cottage). The sample results were reflective of the naturally occurring soils and indicated a red podzolic soil. From the topsoil sample taken at a depth of 250mm, the soil structure was moderately pedal with medium to fine and sub angular blocky peds. The soil texture was a clay loam with the colour being dark brown. The soil pH was neutral with a pH reading of 6.5. There was distinct change from A to B horizons at around 600mm depth. The subsoil from a depth of 800mm was also sampled. The subsoil structure was very strongly pedal with coarse sub angular blocky peds. The soil texture was a heavy clay. Its colour was orange-brown. The soil pH was slightly acidic at pH5.5–6.0. We noted several areas in the site where surface rock was observed, indicating the depths of the topsoils may also be quite variable around the site. Visible surface-oriented tree root development also supports this observation.

The natural vegetation that once characterised the Glenorie Soil Landscape Association has now been extensively cleared in the local area. It would have been tall open forest (wet sclerophyll forest) dominated by the following representative species.

- *Eucalyptus saligna* (Sydney Blue Gum)
- *Eucalyptus pilularis* (Blackbutt)
- *Eucalyptus paniculata* (Grey Ironbark)
- *Syncarpia glomulifera* (Turpentine)
- *Angophora floribunda* (Rough-barked Apple)
- *Eucalyptus globoidea* (White Stringybark)

2.4 Tree Biology and Tree Care Basics

Trees are dynamic living organisms. Trees can be very susceptible to damage, stress and declining rapidly if overly impacted by construction. Trees take decades to grow but can be injured and killed in a very short time frame. This is particularly due to the irreparable damage to the often shallow, extensive and unseen root systems. It is rarely possible to repair a stressed or damaged tree, after the damage has occurred. Proper protection is the key to minimising construction related impacts. Severing of roots within the Structural Root Zone (SRZ) can also lead to potentially unsafe instability of the tree as a structure.

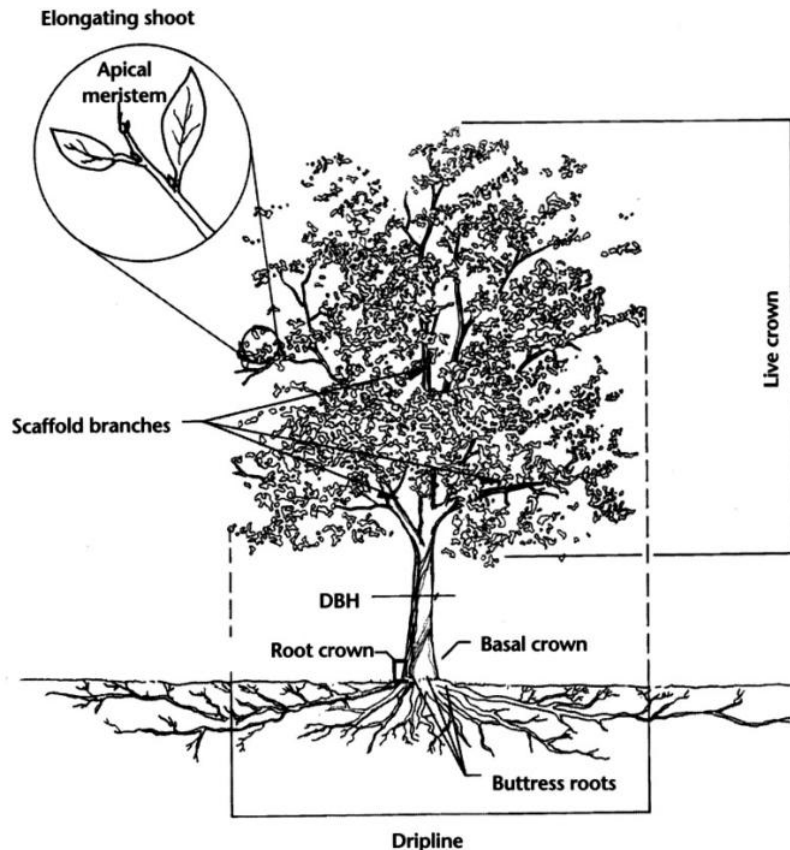


Figure 2.6 – Typical form and structure of a tree illustrating the typical form, location and extent of root growth (Source: Matheny and Clark, 1998)

Basic Tree Needs

As a living organism a tree remains alive by completing the following chemical reaction - Carbon Dioxide and water in combination with chlorophyll and light is converted to Glucose and Oxygen [$\text{CO}_2 + \text{H}_2\text{O} + \text{light} = \text{sugar (CH}_2\text{O [Glucose])} + \text{O}_2$]

The process ultimately leads to the plant cells 'respiring' and producing energy for survival, a natural requirement for all living cells. Anything that affects a plant's photosynthesis and then cellular respiration will affect the overall plant health. The limiting factors of photosynthesis and respiration will typically be the availability of oxygen, water and nutrients that make up the important chemical molecules and reactions.

Trees therefore have five basic requirements to survive and successfully grow:-

1. Oxygen (and particularly oxygen within the soil);
2. Water (a cellular necessity and primarily taken up by the tree roots);
3. Light & Sufficient Foliage (to photosynthesise and create the resources needed for cellular survival);
4. Soil (for physical anchorage and critical chemical nutrients) and
5. Physical Space (both above and below ground to grow).

Importantly, a minimum of 15% soil oxygen is required for active root growth and nutrient uptake. Less than 10% available soil oxygen starts to restrict root extension and growth and a minimum of 3% soil oxygen is required to just maintain root existence. Less than this will result in root death (Harris 1999).

One of the most insidious effects of construction on trees is often that of soil compaction or covering of root zones with impervious surfaces, as it:-

- Reduces infiltration rates of surface water;
- Reduces the availability of water to the roots as they can't naturally extract remaining moisture when soil becomes too dry;
- Reduces air to roots (roots cease to function properly and die without oxygen);
- Increased soil strength caused by compaction mean that roots need more energy to grow through it or can't even physically penetrate the soil;
- Roots are physically broken or crushed and there is increased potential for fungal and pathogen attack. (Harris 1999).

Tree Tolerance

Typically, older and larger trees are less tolerant of construction impacts. Different species also have different tolerance of injury and disturbance. Importantly it needs to be stressed, that a tree does not “heal” from injury as animals do. Typically, any injury made to a tree results in the tree expending considerable energy reserves to create new growth that “seals” and surrounds a wound and then attempting to compensate structurally and physically for any losses. Impacts to trees are therefore cumulative and a series of otherwise small and unrelated impacts can easily result in the death of a tree.

A tree that is already compromised or showing signs of stress is far less likely to tolerate construction impacts due to its lower levels of energy reserves and already weakened state. Therefore, a tree that is only in a fair condition or poor condition is less likely to tolerate construction impacts than a young tree in good or excellent condition.

Weakened or stressed trees are also far less able to combat the myriad of normal environmental stresses and pathogens that are naturally imposed against them such as drought, decay, fungi, bacteria and insect pests.

2.5 Tree Assessment - General

A total of **491** trees have been assessed for this report and are generally determined to be in fair to good health. They are predominantly located on the perimeter of the site, particularly being the massed tree planting in the south-west corner of the site on the corner of Balaclava and Epping Roads and along Epping Road street frontage. There are also relatively numerous and large native trees adjacent the northern site boundary, in the neighbouring Macquarie University site. These are typically large and significant trees which, although native, most are not endemic to the Sydney area. Being large trees and on the neighbouring property they need to be retained and protected from foreseeable impacts that may arise due to the proposed development.

Detailed information on each tree including height, trunk diameter, canopy spread, age class and condition are all provided in Appendix 4.2 - ‘Tree Impact Assessment Schedule’.

The following is a summary of the trees found on the site and some relevant factors regarding the tree population. These are the trees that are considered ‘prescribed trees’ under the Council’s DCP. Small trees, shrubs and dead trees have typically not been included in our assessment.

Table 1 – Trees Retained & Removed – Stage 1 – Vertical Village

Tree Retention Values	Trees Retained	Trees Recommended for Removal	Total Trees
High	40	10	50
Moderate	133	66	199
Low	134	87	221
Nil/Should Remove	-	21	21
TOTAL	307	184	491

Table 2 – Trees Retained & Removed – Site-wide Master Plan (includes the removals for Stage 1)

Tree Retention Values	Trees Retained	Trees Recommended for Removal	Total Trees
High	36	14	50
Moderate	103	96	199
Low	78	143	221
Nil/Should Remove	-	21	21
TOTAL	217	274	491

Table 3 – Top Eight Species by Prevalence

Species	Common Name	Qty	%
<i>Corymbia citriodora</i>	Lemon Scented Gum	119	24%
<i>Casuarina cunninghamiana</i>	River She-Oak	76	15%
<i>Jacaranda mimosifolia</i>	Jacaranda	24	5%
<i>Liquidambar styraciflua</i>	Liquidambar	18	4%
<i>Corymbia maculata</i>	Spotted Gum	15	3%
<i>Sapium sebiferum</i>	Chinese Tallow Tree	14	3%
<i>Koelreuteria bipinnata</i>	Chinese Rain Tree	14	3%
<i>Cupressus torulosa</i>	Bhutan Cypress	10	2%

The following points are summarised from the impact assessment:

- There are **50 High** retention value trees on the site. **40** (or 80%) of these are retained through the implementation of Stage 1.
- There are **199 Moderate** retention value trees on the site. **133** (or 67%) of these are retained through the implementation of Stage 1.

The following points summarise the tree impact assessment **for Stage 1**. A total of **307** trees are proposed to be retained and **184** trees are proposed for removal.

- **40** (80%) of the **High** value trees are retained.
- **133** (67%) of the **Moderate** value trees are retained.
- **134** (61%) of the **Low** value trees are retained.
- None of the trees proposed to be retain experience a Major Incursion as defined in AS4970 - 2009 Protection of Trees on Development Sites

There are **184** trees that are suggested for removal in Stage 1. With regard to those trees:

- **21** are rated with **Nil** Retention Value and should be removed regardless of any proposed works.
- **163** are within the footprint of the proposed building and road works and are therefore unable to be retained. Their retention values are broken down as follows:
 - **10** (20%) of the **High** value trees are removed.
 - **66** (33%) of the **Moderate** value trees are removed.
 - **87** (39%) of the **Low** value trees are removed.

An additional **90** trees are proposed for ultimate removal due to the implementation of the remainder of the sitewide Master Plan. We note, however, these removals will be staged over numerous years. The implementation of the Master Plan will also see the proposed tree removals offset by the planting of many new tree and predominantly endemic trees in the new proposed landscape schemes. Over **400 new trees** are proposed to replace those removed. The existing canopy cover of **25%** of the site areas will be ultimately increased to **39%**. Some of the existing trees may also be able to be retained during more detailed design of the proposed future developments. In the Master Plan a total of **217** trees are proposed to be retained and **274** trees are proposed for removal.

- **36** (or 72%) of the High value trees are retained.
- **103** (or 52%) of the Moderate value trees are retained.
- **78** (or 35%) of the Low value trees are retained.
- None of the trees proposed to be retained are expected to experience a major Incursion as defined in AS4970 - 2009 Protection of Trees on Development Sites.



Figure 2.7 – Prominent groupings of relatively tall and prominent Lemon-scented Gums around the south-west perimeter of the site, fronting Epping Rd. Although individually these are not high retention value trees, as a group their significance is greater and emphasis and focus has been placed on maintaining a good proportion of these trees as part of the ultimate Master Plan. (Photo: Arterra 11/3/22).



Figure 2.8 – Tree T87 is a prominent tall and native *Corymbia maculata* (Spotted Gum) in the central - eastern portion of the site and visible from Epping Rd. Great emphasis and focus have been placed on maintaining this tree, and an adjoining but smaller exotic tree, as part of the Stage 1, as well as the ultimate Master Plan, development. This tree has been used as a focal element in the centre primary open space area along the watercourse and gives the future landscape an immediate focal point, maturity, shade and canopy cover. (Photo: Arterra 11/3/22).

2.6 Stage 1 - Sub-surface Tree Root Investigations of Neighbouring Tree, T05

On the 16 February 2022 exploratory excavations were carried out by Arterra to ascertain the presence, or otherwise, of any significant tree roots emanating from a neighbouring tree (**T05**) that may have been projecting into our site in an area proposed to be excavated for the Stage 1 VV basement. The proposed excavations for the basement result in a theoretical incursion into the nominal Tree Protection Zone of this tree that is greater than commonly accepted thresholds.

It should be noted that the BaptistCare site boundary is not defined by the existing fence line in this location. The site surveys show the boundary to be slightly further north, and on the Macquarie University / Gumnut Cottage side of the fence, and closer to the tree by approx. 500-600mm. As the boundary 'appears' as being on University

property, and the complexities in convincing Macquarie University that the trenching work was actually being undertaken on BaptistCare land, all exploratory excavations were actually carried out as close as possible to the fence, but on the BaptistCare side. We believe this still provided an adequate indication of the root development in the vicinity of the boundary.



Figure 2.9 – Photo of subsurface root investigations, with trench completed. T05 arrowed at left. (Photo: Arterra 16/2/22)

The non-destructive, sub-surface investigations were completed using an air-spade to excavate a trench and expose any significant roots that may have been projecting into our site. The following observations were made:

- The trench was excavated approximately 200mm wide and for 11m in length, which was the full extent of the nominal TPZ of **T05**, where it crosses the boundary.
- The trench was carefully excavated using an air-spade and hand tools to minimise the likelihood of damaging any tree roots or services that may have been exposed.
- A relatively shallow sewer line and stormwater line were exposed by the trenching. The top of the stormwater pipe was only 200mm below the grounds surface level.
- The stormwater pipe centreline was located 1.6m from the back of kerb and appears to be parallel to the roadway.
- The stormwater line was identified as a 400mm Ø concrete pipe, with a smaller PVC sewer pipe, directly adjacent to it, being a 150mm Ø PVC pipe. This was located immediately to the north of stormwater (and nearer the tree) but at the same invert level. They were likely laid within the same trench at the time of their installation. It is assumed these pipes date to the early period of the site's development, pre -1980s. The trees planted around Gumnut Cottage were probably planted after this date. Therefore, it is assumed the stormwater pipes pre-date the existence of tree **T05**.
- The larger concrete pipe was exposed at 200mm below the surface. The pipe diameter means that the pipe extends a further 400mm deeper. This, in effect, means the pipe is acting as a contiguous root barrier to a depth of at least 600mm. Most tree roots are usually found within the top 700mm of soil, particularly in clay based soils.

No significant tree roots of any size or kind were encountered within the exploratory trench, either going over or along the northern side of the pipe. We cannot rule out tree roots being located deeper and going under the pipework, but in Arterra's experience, and our specialist trenching contractor's experience, this is far less likely to occur below 700mm depth. It would not normally be expected to do an exploratory root trench much deeper than 600mm, when undertaking such exploratory root investigations, particularly if other roots are not being observed or encountered.

Based on the above evidence, Arterra are satisfied that the proposed basement excavations can occur on the boundary and are unlikely to have any impact on the health or stability of the adjoining trees.

2.7 General Tree Impact Assessment

The intention of this assessment is to clearly illustrate the trees proposed to be retained and removed as part of the staged implementation of the site wide Master Plan including Stage 1 and the Vertical Village. It is also to determine any incursions into the retained trees' root zones and canopies by the proposed development and

evaluate the likely impact of the proposed works on the trees. A detailed listing of the incursions and likely impacts of the proposed development on each tree is shown in Appendix 4.2 – Tree Impact Assessment Schedule and Appendix 4.1 – Tree Plans.

Of the **307** trees that are to be retained and protected through Stage 1:-

- **276** trees have no or minimal foreseeable impact from construction related activity. These trees are not discussed further.
- **12** trees have a 'minor incursion' (up to 10%) into their nominal TPZs, as defined by AS4970-2009 - Protection of Trees on Development Sites. These incursions are shown shaded on the Tree Retention and Removal Plan (T-02) and noted in the schedule. These minor incursions are all considered acceptable and unlikely to adversely impact the long term condition of the trees. They are not discussed further.
- **18** trees will require minor surface impacts to be managed during demolition and construction. These minor surface impacts are shown shaded on the Tree Retention and Removal Plan (T-02) and noted in the schedule.
- One retained tree (**T05**), on the neighbouring Macquarie University site, has a notional 'major incursion' (20%) into the nominal TPZ, as defined by AS4970-2009 Protection of Trees on Development Sites. This tree has been subject to additional subsurface investigations as noted in **Section 2.6**. It is the author's opinion that this notional incursion is acceptable and unlikely to result in any material, negative impacts to the condition of the tree based on the following:
 - No significant roots were exposed in the exploratory trenching so the basement excavation may extend to the boundary.
 - The existing pipework will have acted as a natural root barrier and appears to have prevented extensive root development in the area proposed for the basement excavations.
 - Significant roots are unlikely to be present below the pipe (at a greater than 600mm depth), and if they are present, are likely to be few.
 - The greatest risk of damage to the tree (**T05**) will be due to overhead canopy and branch conflicts, particularly with basement piling rigs. Appropriate skill and care will be required during basement excavations to prevent tree canopy damage from accidental impacts by piling rigs. Low height piling rig equipment will be specified when operating near the trees.
- (**T76**) *Eucalyptus saligna* (Sydney Blue Gum) is on the eastern boundary of the adjacent VIMG site. It is currently in reasonably poor condition and displays a very sparse canopy, with very significant borer blaze to 60% of trunk circumference from ground level to 3m high on southern (VIMG tower development side). Its trunk base is level with adjoining roadway, and slightly higher. The tree appears very likely to have been negatively impacted by current VIMG tower construction as the TPZ extent and fencing appears to have been potentially inadequate on southern side. The BaptistCare Stage 1 works result in a minor incursion of less than 5% into the calculated nominal TPZ. The area where this is proposed is currently the pre-existing roadway and parking area associated with Shalom Centre. The existing bitumen driveway shall be carefully demolished with any surface impacts to be managed, however, only minimal root loss is expected due the existing pavements. Once bitumen has been removed, additional mulching and soil is to be installed on the BaptistCare site, to the north and east of the tree, which may marginally improve the tree's growing conditions by allowing improved air and water absorption into the soil near the tree. We note that the ultimate Master Plan assumes and requires that this tree is to be removed within the next 10-15 years. This matter will be more fully assessed and dealt with during the Development Application of these later stages. As part of the Stage 1 work, it is the authors opinion that the tree can be retained and none of the work proposed will further compromise the tree. We do reiterate, however that this tree is in relatively poor and compromised condition already, assumed to be due to the extensive works undertaken on the adjoining site. Extensive modifications to proposed designs have been undertaken in consultation with Arterra to maintain the levels and conditions around this tree on the BaptistCare site for the proposed Stage 1 works. (refer figure 2.10 following page)

2.8 Potential Tree Related Impacts to be Managed During Construction

The main potential impacts from the proposed construction activity can be summarised as tree damage and 'reduced life expectancy' caused by:-

- Root loss and disturbance due to inappropriate excavation for the building and services;
- Compaction of the root zone from storage or stockpiling of materials;
- Contamination of the soil from; the preparation of chemicals, wash down/ cleaning of equipment, refuelling of vehicles and dumping of waste;
- Compaction of the root zones from haul roads and the parking or use of vehicles/ plant equipment;
- Root disturbances from unauthorised cut and fill and soil level changes;
- Physical damage to the tree trunks and branches from passing machinery;
- Damage to the tree roots from landscaping and pedestrian pathway construction;
- Physical damage from conflicts with piling rigs.

The following Section of this report provides the primary recommendations and proposed measures that aim to minimise and avoid these impacts as much as realistically possible.



Figure 2.10 – Photo of adjoining VIMG site tree (arrowed) at left. All efforts are being made and implemented to retain this tree unaffected by the BaptistCare Stage 1 works. A substantial Tree Protection Area is being dedicated to this tree in the short term, and the existing asphalt to the north of the tree removed and replaced with soft landscaping to improve its growing conditions. Existing levels around the tree are being retained. However, the ultimate precinct wide Master Plan configuration assumes and relies on this tree being removed at some point within the next 10-15 years. Given the current health and condition of this tree, and the recent impacts suffered at the hands of the adjoining development, this is believed to be a reasonable and justifiable approach to the site Master Planning. (Photo: Arterra 16/2/22)

3.0 EXISTING TREE MANAGEMENT RECOMMENDATIONS

3.1 Key Recommendations to Reduce Tree Impacts

The following recommendations are made to potentially reduce the negative construction impacts on the existing trees that have been identified to be retained.

- Suitably **tag and/or distinctly mark** all existing trees to be retained, prior to any demolition work.
- Undertake all **initial demolition** work in a carefully controlled way and provide temporary barriers as required to protect existing trees to be retained while demolition is undertaken in other areas. Any demolition of existing residential buildings within 8m radius of a tree to be retained is to be monitored by a suitably qualified Project Consulting Arborist while this work is being undertaken. Temporary barricades and trunk protection may be required and shall be determined and directed by the Consulting Arborist in order to protect the tree adequately during demolition works. Refer to Section 3.3 for more detail regarding demolition work near trees. Site access and vehicle movement to be carefully defined to minimise ground disturbance and truck movements.
- Existing surrounding trees that are to be removed is to be done by qualified arboricultural staff only with care not to impact or damage other surrounding trees throughout the process. Existing stumps should be 'ground' out in a controlled fashion when within 8m radius of a tree to be retained. Stumps are to be ground when near the remaining trees to avoid the use of excavators and the like from grubbing out stumps, which may lead to damage of any intertwined roots.
- Appropriately fence all TPAs outside of the already noted incursions for the duration of all major site construction work. See Appendix 4.1 'Tree Plans' for locations and extent.
- Carefully control and fence all access to and from various construction areas so that movement does not occur through any TPAs other than for the already identified building incursions.
- Ensure that only **low height** piling equipment is employed for the construction of the basement walling when adjacent to tree **T05** on the northern site boundary. This is to minimise the likelihood of canopy damage and conflicts with piling equipment during basement excavations.
- Ensure that any other work within the identified TPAs is carried out with appropriate skill and care to limit surface impacts. If roots greater than 50mm Ø are encountered, works shall immediately cease and direction sought from the project arborist before proceeding further.
- Ensure all the new above and below ground services are excluded from running through any TPAs beyond any already noted incursions.
- Minimise the re-grading of the ground surface within the identified TPAs, beyond the noted building incursions, in order to meet and match proposed pathways and other building levels. Where it is required, limit it to a maximum depth of 300mm above existing ground levels and ensure it is only quality sandy manufactured organic garden mix or other suitable site topsoils. No excavation below existing levels shall typically be allowed.
- Mulching of specific TPAs as specified in Tree Plans. This will aid tree health with moisture retention, limit possible compaction from pedestrian traffic, and improve soil conditions within the TPAs.
- Avoid digging into existing root zones for the installation of any proposed landscaping around the trees and the installation sizes of new plants to be 5L or less to ensure that excavations are less than 200mm in depth. It is recommended to build up soil levels for any new planting areas to a maximum of 200mm to enable the new planting to occur without disturbing existing tree roots.
- Do not allow storage or stockpiling of any materials or site sheds within established TPAs unless it can be demonstrated that this will not impact on tree retention and it is specifically approved in writing by the Project Consulting Arborist.

3.2 Proposed Tree Protection & Construction Activity Sequencing

The following sequence of activities should be followed for this project: -

1. A detailed Tree Protection Specification & Tree Management Plan is to be prepared and issued as part of all construction contracts prior to any construction work.
2. The Project Consulting Arborist, Landscape Architect, Civil and Structural Engineers, Client and Contractor Site Foreman are to meet prior to beginning any work on the site to discuss and review all work procedures, construction access routes, stockpiling and tree protection measures (ie: fence types and locations, access, craneage points, piling methods etc.).
3. Contractors to discuss locations and type of any sediment and erosion controls (if any) and install them with minimal tree impact when within or passing through the TPA.
4. Existing pathways, fences, driveways, furniture and shrubs are to be carefully removed from within the TPA.
5. Existing surrounding trees are to be removed. Stumps are to be ground when near remaining trees to avoid the use of excavators and the like from grubbing out stumps, which may lead to damage of any intertwined roots.

6. Designated TPAs are to be mulched with 75mm of recycled hardwood woodchip mulch to improve soil conditions around tree and remain in place until future final landscaping.
7. Trunk protection to be placed on trees to be retained, where shown on Tree Plans.
8. A utility Arborist is to undertake selective pruning of lower canopy or branches to facilitate construction of the buildings and provide pedestrian access clearances without accidental damage to the tree canopy. Pruning to be done in strict accordance with AS4373 - Pruning of Amenity Trees and performed by staff with appropriate qualifications and equipment.
9. The Construction Phase TPA is to be clearly defined and fenced off with a 1.8m high metal or plywood temporary fence prior to any further work within the vicinity of the trees as shown on the Tree Plans. Any required rumble boards shall be installed to protect TPA areas where access is required.
10. Plywood (or similar) is to be placed under any scaffolds or pedestrian works paths when they are running through any identified TPAs.
11. Building works to be completed (external).
12. Contractor to remove the TPA fencing and only then install final pathways and landscaping within the TPAs under the trees, but only after construction of the building exterior and all civil works are completed.

3.3 Demolition Work Near Trees or within TPAs

A Project Consulting Arborist shall be on site during all demolition work within the TPAs to monitor and advise on tree protection. Secateurs and a handsaw shall be available to deal with and cleanly cut any exposed roots that have to be cut. Machines with a long reach may be used if they can work from outside TPAs or from protected areas within TPAs. They shall not encroach onto unprotected soil in TPAs.

Debris to be removed from TPA's must be moved across existing hard surfacing or temporary ground protection in a way that prevents compaction and disturbance of soil. Alternatively, it can be lifted out by machines provided this does not disturb TPA's or damage the canopy. If appropriate, leave below ground structures such as footings and disused pipes in place if their removal will cause excessive root disturbance.

When pulling up existing paving the Contractor shall work backwards, lifting demolished paving back onto the existing paving. Roots may be found growing under the pavement and should not be trafficked. Roots growing into existing sub-base should be left and new surface finishes placed over the top without disturbance.

Excavation within TPA's shall typically not be allowed using mechanical equipment such as excavators or backhoes. Excavation within TPA's shall only be carried out carefully by hand taking care not to damage the bark and wood of any roots. Specialist tools for removing soil around roots using compressed air (air spade), or water vacuum extraction shall be an appropriate alternative to hand digging and is the preferred method.

Any exposed roots to be removed shall be cut cleanly with a sharp saw or secateurs at the face of the excavation. Roots temporarily exposed must be protected by appropriate covering with damp hessian or sand. Roots greater than 50mm in diameter are to be retained and shall only be cut in exceptional circumstances and only after consultation with the Project Consulting Arborist. Roots greater than 100mm in diameter shall typically not be allowed to be cut and must be preserved and worked around.

3.4 Tree Protection Fencing & Definition of TPAs

Establish a clearly defined tree protection zone as indicated in Appendix 4.1 'Tree Plans'. Install a 1.8m high temporary fence with either plywood hoarding or temporary steel mesh or chain wire fencing with adequate lateral bracing. Fencing shall comply with the requirements of AS 4687-2007 Temporary fencing and hoardings. These areas around the trees shall be delineated as a "Tree Protection Zone" during the remaining construction process, via appropriate weatherproof signage at not more than 30m spacing. Access will typically be excluded from these zones and the levels will be left largely at the existing levels with the exception of the installation of the 75mm of mulch. No stockpiling, excavation, trenching, re-fuelling or material storage should be allowed in this area.

3.5 Ground Protection within TPAs

Great care will be needed on this site when working around trees due to the pre-existing soil conditions. The soils that are conducive to tree root development are sometimes very shallow, noting the occasional outcropping of rock noted in portions of the site, and therefore root development may be extremely surface oriented and wide spreading, well past the trees canopy extents. The site is also underlain by heavy clays that will also be subject to serious compaction and waterlogging, if trafficked by vehicles and equipment without protection applied.

Vehicular movement and access shall typically not be required or approved through the TPAs. If it is absolutely necessary and it is proposed to create any access or haul road, or similar, within the TPA of a retained tree, the Contractor shall install rumble strips / boards over the designated TPA ground surface. No excavation shall be allowed. Contractor shall first place a suitable permeable geotextile to the extent required and then a 100mm thick layer of wood chip mulch or coarse no-fines gravel over the extent to be covered with the rumble strip / boards. Then place hardwood boards (minimum 3600 x 200 x 75mm) on their flat edge, side by side, with a 30 -

50mm gap to form a rumble strip. These boards are to be held together with three galvanised metal bracing straps nailed to each board. The two outer straps are to be approximately 200mm in from the ends of the boards. The third strap is to be along the centre line of the boards.



Figure 3.1 – Example of acceptable Tree Protection Area ground protection (Photo: Arterra)

3.6 Trunk and Lower Branch Protection

A trunk barrier is to be erected around the circumference of the tree trunk and root buttress where shown. This barrier will consist of two to three 'rings' of 50mm diameter socked ag-line wrapped around tree trunk or branch and the ends cable tied to secure in place. A layer of battens is to be placed over and tight to the ag-lines. The battens are to have a maximum spacing of 50mm. The height of the battens is to be at least 2.4 metres or to the height of the first branches. Lower large branches may require the same protection if likely to be damaged by passing vehicles or equipment. Secure battens in place with galvanised steel bracing straps. Do not nail or screw into or otherwise injure the trunk or bark. Battens may be made from any suitable waste timber of similar sizes and depths. All sharp or protruding edges are to be properly covered with tape or similar padding.



Figure 3.2 – Example of acceptable Trunk Protection batten installation. (Photo: Arterra)

3.7 Provision of Temporary Irrigation

At the sole discretion of the Project Consulting Arborist, a temporary and automated (battery powered timer is sufficient) watering system may need to be placed within some TPAs to maintain adequate water to the retained trees and help maintain their healthy condition. This can be a surface mounted 'residential-style' soaker hose and/or surface sprinkler systems. It is to be surface visible and spray delivered so that its operation can be easily visible and verified. It should be on a designated supply line, separate from other construction related water supplies to minimise its likelihood of being disconnected.

Typically, during spring and summer months it should be set to run for a minimum of 30 minutes every day, in the early morning. During, autumn and winter months it should be set to run for 1 hour once every week. The operation can be suspended temporarily in periods of extensive and/or prolonged rain.

If required, the system is to remain in place for the duration of construction, or until the Project Consulting Arborist approves its removal. It may be removed to allow the final landscape treatments to proceed. If accidentally disturbed or damaged by construction activities, it is to be reinstated as soon as practicable.

3.8 Final Landscaping within TPZs

Once final levels are set by the finished structural elements. The final trimming and landscaping shall be judiciously undertaken. The final pedestrian pavements shall be installed without undue excavation or compaction to the soil and all soft landscaping within the tree protection zone will be installed with care to avoid root disturbance via irrigation trenching, lighting installation and the planting of larger plants. The installation of 100-200mm of new garden mix topsoil over the pre-existing soil will provide a suitable medium in which to plant new plants without damage to existing tree roots. Permanent irrigation (if used) shall be installed as spray heads located outside of TPAs and spraying inwards. All other services such as electrical services shall also be designed and installed to avoid any excavation or trenching around the trees.

3.9 Final Building and Pedestrian Clearance Pruning

Once the final levels and finishes are in place the Project Consulting Arborist shall direct and supervise any remaining selective pruning of any lower peripheral branches to the retained trees to achieve any clearances for final pedestrian or building access. This shall be minimised as much as possible. It is anticipated that the final pruning of any of the retained trees will be less than 5% of the existing canopy and will not have any serious impact to the tree's health or habit.

The branches of the tree shall only be pruned as specifically needed and directed by the Project Consulting Arborist. Work is to be in strictly accordance with to AS4373 - Pruning of Amenity Trees. Do not treat wounds. Only clean, sharp pruning implements shall be used for all pruning work, ensuring that cuts are made without damage, tearing or bruising of the vascular tissue.

3.10 Other Tree Protection Measures to be Implemented

The following is a summary of the main measures that will be required during construction. These should be adopted for the Construction Contract and conditioned by Council.

Controlled Construction Access & Parking

Construction access points and stockpiling and storage areas shall be clearly identified and fenced where appropriate. Uncontrolled access points and parking of vehicles outside of designated areas is to be avoided. If temporary access is required through a tree protection zone, ground protection shall be employed to limit soil compaction and root damage and disturbance.

Clearing and Removal of Trees to be Removed

Removal and clearing of existing trees should be done by qualified arboricultural staff only with care not to impact or damage other surrounding trees throughout the process. Existing stumps should be grubbed out or ground in a controlled fashion to remove wood that may decay and promote unwanted pathogens.

Communication - Tool Box Meetings and Construction Inductions

All contractors and subcontractors shall be inducted prior to working on the site. All inductions shall include description and identification of the Tree Protection Zones and the restriction on work and activities with regard to trees. The site foreman shall ensure that all new staff and contractors are appropriately inducted and that brief "tool box" meetings are conducted regularly to ensure Tree Protection is maintained at the forefront of all construction workers minds.

3.11 References

- Harris, R.W, Clark, J.R & Matheny, Nelda P, 1999, *Arboriculture: Integrated management of landscape trees, shrubs and vines*. 3rd Ed. Prentice Hall. New Jersey, US
- Matheny, Nelda P and Clark J.R, 1998, *Trees and development - a technical guide to preservation of trees during land development*, International Society of Arboriculture, Illinois, US.
- Roberts, J. Jackson, N. and Smith, M. 2006. *Tree roots in the built environment. No.8* Research for Amenity Trees, Dept. for Communities and Local Government, London.
- Standards Australia, 2007, *AS 4373-2007 Pruning of amenity trees*. Standards Australia, Sydney.
- Standards Australia, 2009, *AS 4970-2009 Protection of Trees on Development Sites*. Standards Australia, Sydney.
- Standards Australia, 2007, *AS 4687-2007 Temporary fencing and hoardings*. Standards Australia, Sydney.

- End of report.

4.0 APPENDICES

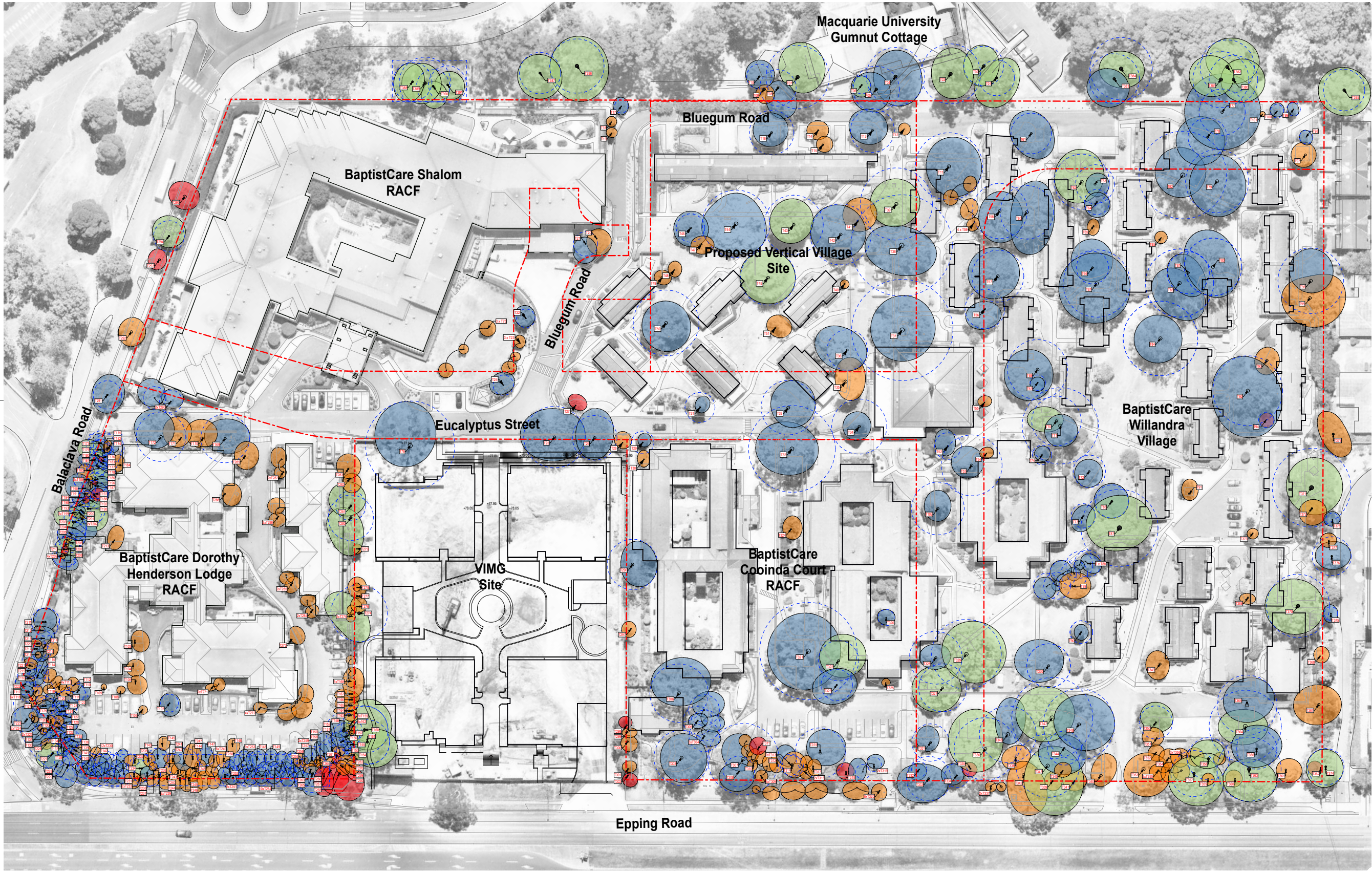
4.1 Tree Plans

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

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

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

NOTE
Refer to the accompanying Arboricultural Report for full description of trees, measurements and methods used to assess the trees, and proposed tree protection measures.



Tree Retention Value Legend

- High Retention value
- Moderate Retention value
- Low Retention value
(Note: no TPZs shown for these trees)
- Nil Retention value
(Note: no TPZs shown for these trees)
- Nominal Tree Protection Zone (TPZ)
- Extent of canopy as verified by site measure and aerial photos
- Tree Identification Number
- Existing and Future Site Boundaries



A	For SSDA Submission	RWS	26/10/22
REVISION	DESCRIPTION	CHKD	DATE

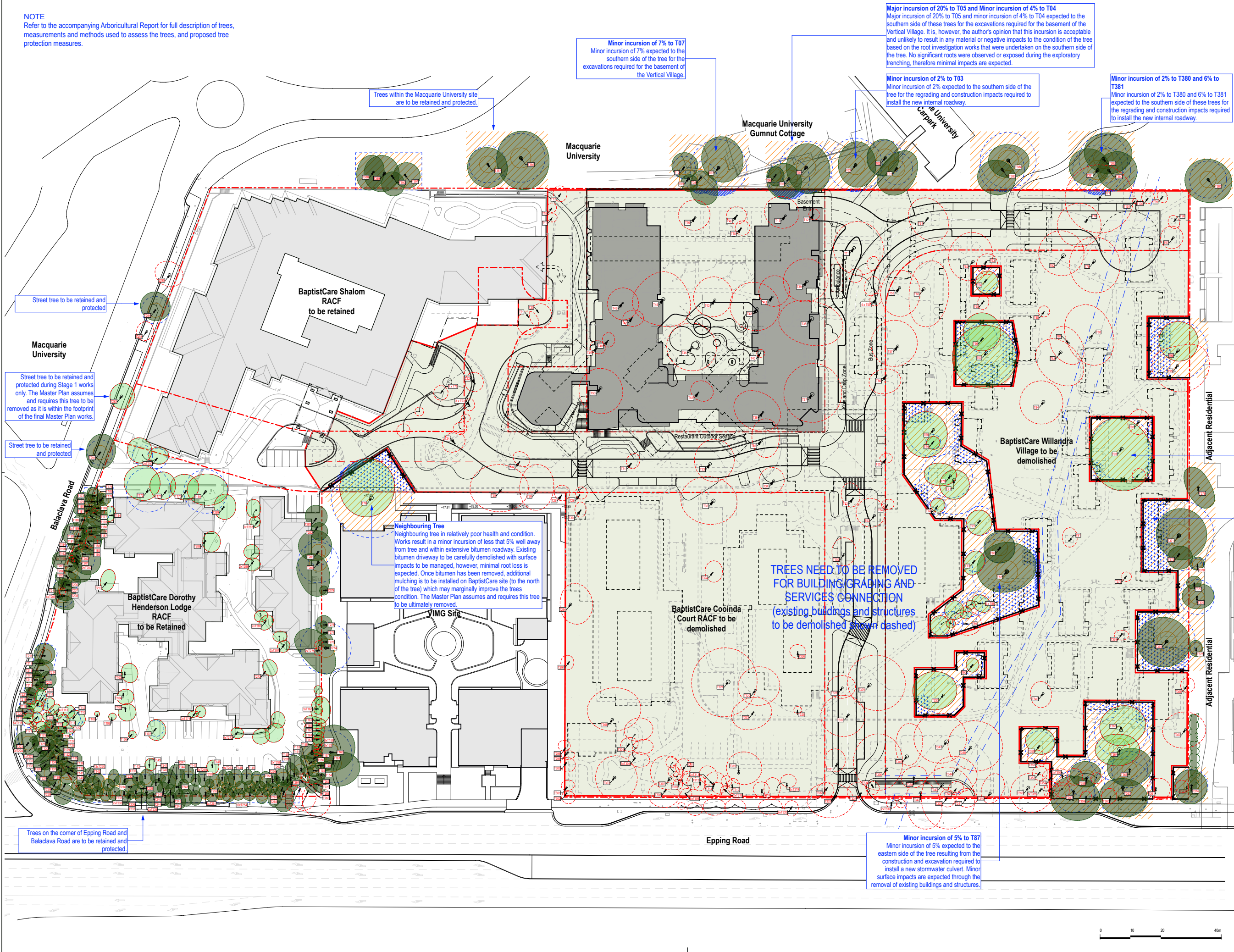
PROJECT & CLIENT
BaptistCare, Macquarie Park - Master Plan

BaptistCare NSW & ACT
DRAWING TITLE
Tree Retention Value Plan

Project No : 21.39
Designed : CLB/RWS
Drawn : CLB/RWS
Scale : 1:400@A0 / NTS@A3



NOTE
Refer to the accompanying Arboricultural Report for full description of trees, measurements and methods used to assess the trees, and proposed tree protection measures.



Tree Impact and Protection Plan Legend

- Boundary
- Existing Tree Retained
- Existing Tree Retained During Stage 1 Works
- Existing Tree Removed
- Tree Identification Number
- Construction Period Tree Protection Area - consolidated area
- Tree Protection Area Temporary Fencing
- Expected loss of roots due to excavation or trenching
- Surface impact to be managed - minimal root loss expected
- Nominal Tree Protection Zone Radius (TPZ)
- Nominal Structural Root Zone (SRZ) shown where relevant
- Proposed Future Building - Vertical Village
- Existing building to be retained
- Existing building to be demolished
- Extent of ground modification and disturbance

Trees to be Retained During Stage 1 ONLY
Trees shown as light green are to be retained and protected during Stage 1 works only. The Master Plan assumes and requires these trees to be removed as they are within the footprint of the final Master Plan works.

Surface Impacts to be Managed
Numerous trees to the east of the site have minor surface impacts through the removal and demolition of existing buildings and structures.



A	For SSDA Submission	RWS	26/10/22
REVISION	DESCRIPTION	CHKD	DATE

PROJECT & CLIENT
BaptistCare, Macquarie Park - Master Plan

BaptistCare NSW & ACT

DRAWING TITLE
Stage 1 VV-Tree Protection and Removal Plan

Project No : 21.39
Designed : CLB/RWS
Drawn : CLB/RWS
Scale : 1:400@A0 / NTS @A3

DRAWING NUMBER
T-02

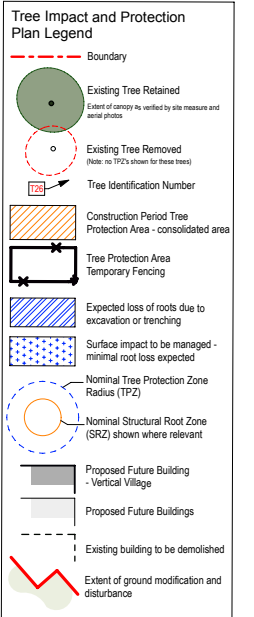
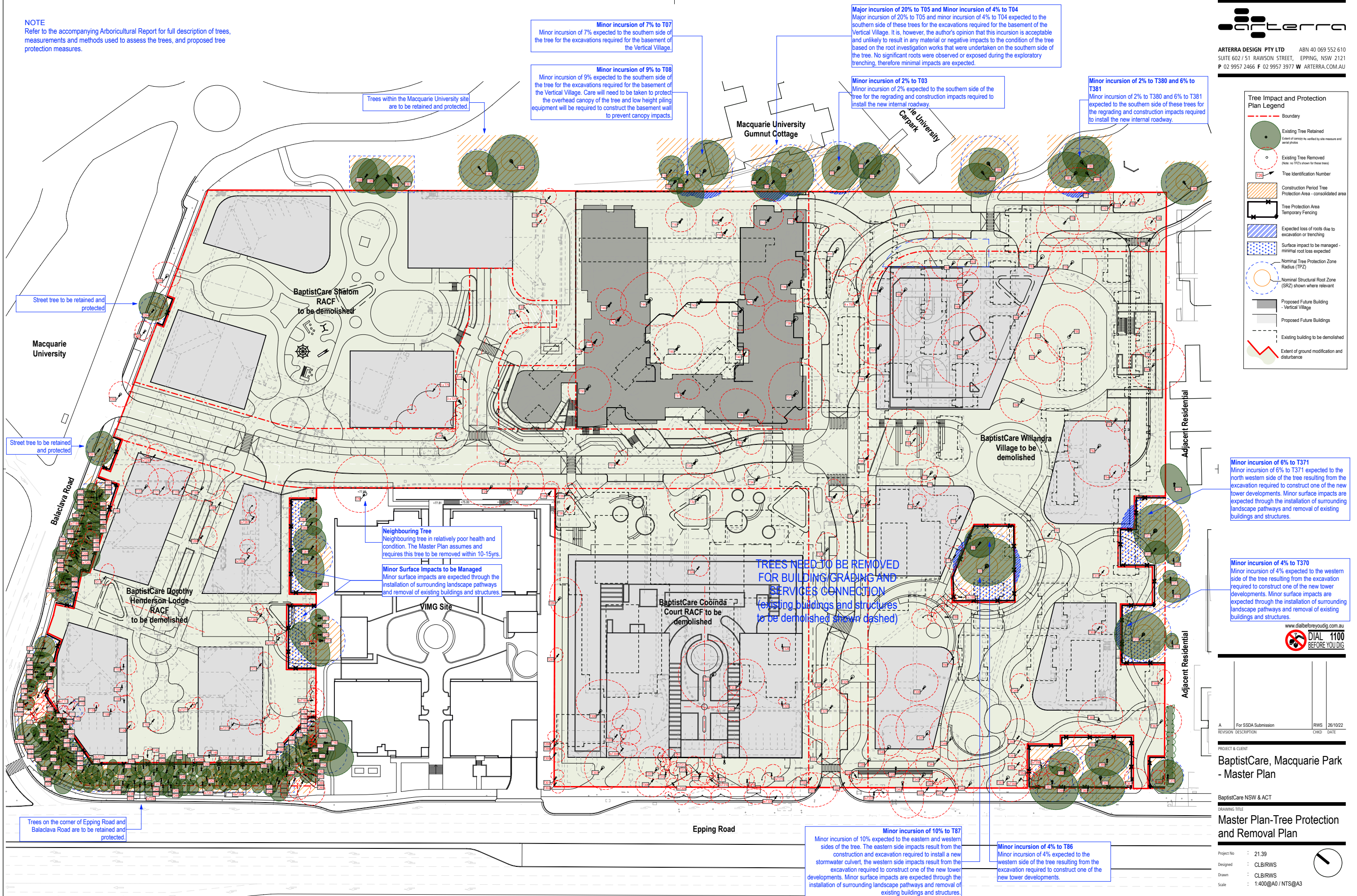
REVISION
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Plotted at : 4:03 pm 25/10/2022

NOTE
Refer to the accompanying Arboricultural Report for full description of trees, measurements and methods used to assess the trees, and proposed tree protection measures.



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Minor incursion of 6% to T371
Minor incursion of 6% to T371 expected to the north western side of the tree resulting from the excavation required to construct one of the new tower developments. Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.

Minor incursion of 4% to T370
Minor incursion of 4% expected to the western side of the tree resulting from the excavation required to construct one of the new tower developments. Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.



For SSDA Submission RWS 26/10/22
REVISION DESCRIPTION CHKD DATE

PROJECT & CLIENT
BaptistCare, Macquarie Park - Master Plan

BaptistCare NSW & ACT
DRAWING TITLE

Master Plan-Tree Protection and Removal Plan

Project No : 21.39
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Scale : 1:400@A0 / NTS@A3

DRAWING NUMBER
T-03
REVISION
A

Plotted at: 4:04 pm 25/10/2022

4.2 Tree Impact Assessment Schedule

BaptistCare, Macquarie Park - Tree Assessment Schedule																			
Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
1	1	<i>Eucalyptus grandis</i>	Flooded Gum	22.0	11.0	0.44	0.63	5.28	2.73	Mature	Good	Average	Native	Deadwood-Minor	Long (>40 years)	High	Neighbouring property tree.	Nil impacts expected.	Retain
2	1	<i>Eucalyptus grandis</i>	Flooded Gum	25.0	9.0	0.49	0.79	5.88	3.00	Mature	Good	Average	Native	Deadwood-Minor	Long (>40 years)	High	Neighbouring property tree.	Nil impacts expected.	Retain
3	1	<i>Eucalyptus grandis</i>	Flooded Gum	24.0	11.0	0.74	0.93	8.88	3.21	Mature	Excellent	Excellent	Native	Deadwood-Minor	Long (>40 years)	High	Neighbouring property tree.	Minor incursion of 2% expected to the southern side of the tree for the regrading and construction impacts required to install the new internal roadway.	Retain
4	1	<i>Corymbia maculata</i>	Spotted Gum	19.5	12.0	0.72	0.94	8.64	3.22	Mature	Good	Average	Native	Deadwood-Minor	Long (>40 years)	Moderate	Neighbouring property tree.	Minor incursion of 4% expected to the southern side of the tree for the excavations required for the basement of the Vertical Village. It is, however, the author's opinion that this incursion is acceptable and unlikely to result in any material or negative impacts to the condition of the tree based on the root investigation works that were undertaken on the southern side of the tree. No significant roots were observed or exposed during the exploratory trenching, therefore minimal impacts are expected.	Retain
5	1	<i>Corymbia maculata</i>	Spotted Gum	17.0	9.0	0.57	0.73	6.84	2.90	Mature	Fair	Average	Native	Very Asymmetric Form, Deadwood-Minor	Long (>40 years)	Moderate	Neighbouring property tree. Asymmetric canopy to east.	Major incursion of 20% expected to the southern side of the tree for the excavations required for the basement of the Vertical Village. It is, however, the author's opinion that this incursion is acceptable and unlikely to result in any material or negative impacts to the condition of the tree based on the root investigation works that were undertaken on the southern side of the tree. No significant roots were observed or exposed during the exploratory trenching, therefore minimal impacts are expected. Care will need to be taken to protect the overhead canopy of the tree and low height piling equipment will be required to construct the basement wall to prevent canopy impacts.	Retain
6	1	<i>Syzygium paniculatum</i>	Magenta Cherry	6.0	6.0	0.22	0.30	2.64	2.00	Mature	Good	Average	Native		Long (>40 years)	High	Neighbouring property tree.	Nil impacts expected.	Retain
7	1	<i>Corymbia maculata</i>	Spotted Gum	23.0	12.0	0.78	0.96	9.36	3.25	Mature	Good	Average	Native	Deadwood-Minor	Long (>40 years)	High	Neighbouring property tree. Growing adjacent to significant level change to east.	Minor incursion of 7% expected to the southern side of the tree for the excavations required for the basement of the Vertical Village.	Retain
8	1	<i>Corymbia maculata</i>	Spotted Gum	17.5	9.0	0.45	0.60	5.40	2.67	Mature	Fair	Average	Native	Very Asymmetric Form, Deadwood-Minor	Long (>40 years)	Moderate	Neighbouring property tree.	Minor incursion of 9% expected to the southern side of the tree for the excavations required for the basement of the Vertical Village. Care will need to be taken to protect the overhead canopy of the tree and low height piling equipment will be required to construct the basement wall to prevent canopy impacts.	Retain
9	1	<i>Corymbia maculata</i>	Spotted Gum	3.0	3.0	0.61	0.79	7.32	3.00	Mature	Poor	Poor	Native	Epicormic Growth, Decay-Minor, Tip Dieback, Major Wounding	Short (5-15 years)	Low	Neighbouring property tree. Previous mature tree completely lopped at 2.0m above ground. Poor quality epicormic regrowth evident only. Impacts to tree now largely irrelevant.	Nil impacts expected.	Retain
10	1	<i>Corymbia maculata</i>	Spotted Gum	8.0	6.0	0.31	0.45	3.72	2.37	Semi-mature	Fair	Average	Native	Co-dominant Stems, Deadwood-Minor	Long (>40 years)	Moderate	Neighbouring property tree. Tri-dominant stems from base.	Nil impacts expected.	Retain
11	1	<i>Liquidambar styraciflua</i>	Liquidambar	17.0	15.0	0.83	0.93	9.96	3.21	Mature	Excellent	Average	Exotic		Long (>40 years)	Moderate		Within footprint of works.	Remove
12	1	<i>Prunus cerasifera 'Nigra'</i>	Purple-leaved Cherry-plum	6.0	4.0	0.13	0.16	2.00	1.53	Mature	Poor	Average	Exotic		Short (5-15 years)	Low	Very sparse canopy.	Within footprint of works.	Remove
13	1	<i>Jacaranda mimosifolia</i>	Jacaranda	12.0	9.0	0.54	0.62	6.48	2.71	Mature	Fair	Average	Exotic	Epicormic Growth	Medium (15-40 years)	Moderate		Within footprint of works.	Remove
14	1	<i>Callistemon viminalis cv.</i>	Weeping Bottlebrush	6.0	5.0	0.31	0.42	3.72	2.30	Mature	Good	Average	Native	Co-dominant Stems	Medium (15-40 years)	Low		Within footprint of works.	Remove
15	1	<i>Tibouchina lepidota</i>		6.0	6.0	0.35	0.50	4.20	2.47	Mature	Fair	Average	Exotic	Epicormic Growth, Deadwood-Major	Medium (15-40 years)	Low		Within footprint of works.	Remove
16	1	<i>Lophostemon confertus</i>	Brush Box	12.0	9.0	0.55	0.58	6.60	2.63	Mature	Good	Average	Native	Epicormic Growth	Long (>40 years)	Moderate	Tree appears to have been historically topped at 3m.	Within footprint of works.	Remove
17	1	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	5.0	3.0	0.15	0.23	2.00	1.79	Mature	Good	Excellent	Exotic		Long (>40 years)	Moderate	Small tree.	Within footprint of works.	Remove
18	1	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	7.5	2.0	0.12	0.14	2.00	1.45	Mature	Fair	Average	Endemic		Medium (15-40 years)	Low		Within footprint of works.	Remove
19	1	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	7.5	2.0	0.11	0.13	2.00	1.40	Mature	Fair	Average	Endemic		Medium (15-40 years)	Low		Within footprint of works.	Remove
20	1	<i>Jacaranda mimosifolia</i>	Jacaranda	8.0	7.0	0.27	0.34	3.24	2.10	Mature	Fair	Poor	Exotic	Very Asymmetric Form, Root Impacts, Lean-Major	Medium (15-40 years)	Low	Leaning and significant surface roots visible, particularly on tension side.	Within footprint of works.	Remove
21	1	<i>Jacaranda mimosifolia</i>	Jacaranda	9.5	8.0	0.30	0.34	3.60	2.10	Mature	Fair	Average	Exotic	Root Impacts	Medium (15-40 years)	Moderate	Significant root flare and visible roots around base. Very close to adjoining pits.	Within footprint of works.	Remove
22	1	<i>Jacaranda mimosifolia</i>	Jacaranda	8.0	7.0	0.23	0.29	2.76	1.97	Mature	Good	Average	Exotic	Co-dominant Stems, Inclusions	Long (>40 years)	Moderate		Within footprint of works.	Remove
23	3	<i>Jacaranda mimosifolia</i>	Jacaranda	4.5	3.0	0.13	0.15	2.00	1.49	Semi-mature	Fair	Average	Exotic		Medium (15-40 years)	Low	Still relatively small trees.	Within footprint of works.	Remove
24	1	<i>Jacaranda mimosifolia</i>	Jacaranda	7.5	7.0	0.25	0.31	3.00	2.02	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Growing in constrained environment between base of retaining wall, path and pump room.	Within footprint of works.	Remove
25	1	<i>Liquidambar styraciflua</i>	Liquidambar	12.5	16.0	0.76	0.76	9.12	2.95	Mature	Good	Average	Exotic	Co-dominant Stems, Inclusions, Root Impacts	Long (>40 years)	Moderate	Growing in very constrained location and directly adjacent and impacting roadway.	Within footprint of works.	Remove
26	1	<i>Liquidambar styraciflua</i>	Liquidambar	13.5	10.0	0.55	0.75	6.60	2.93	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Growing in very constrained location and directly adjacent and impacting roadway.	Within footprint of works.	Remove
27	1	<i>Acer negundo</i>	Box Elder	6.0	5.0	0.21	0.26	2.52	1.88	Mature	Fair	Poor	Exotic	Co-dominant Stems, Decay-Major, Deadwood-Major	Remove (<5 years)	Nil / Remove	Extensive decay and dysfunction at primary junction.	Poor quality tree. Recommend removal	Remove
28	1	<i>Callistemon viminalis cv.</i>	Weeping Bottlebrush	6.5	4.0	0.14	0.20	2.00	1.68	Mature	Fair	Average	Native		Medium (15-40 years)	Low		Within footprint of works.	Remove
29	1	<i>Thuja orientalis cv.</i>	Chinese Arborvitae	6.0	3.0	0.28	0.30	3.36	2.00	Mature	Good	Excellent	Exotic		Long (>40 years)	Moderate		Within footprint of works.	Remove
30	1	<i>Plumeria rubra</i>	Frangipani	6.0	4.0	0.21	0.28	2.52	1.94	Mature	Fair	Poor	Exotic	Root Impacts, Decay-Minor, Tip Dieback	Medium (15-40 years)	Low	Prominent butt sweep and growing out over adjoining revetment wall.	Within footprint of works.	Remove
31	1	<i>Cryptomeria japonica cv.</i>	Japanese Cedar	9.0	7.0	0.37	0.45	4.44	2.37	Mature	Good	Average	Exotic		Medium (15-40 years)	Moderate	Two low lying branches to the east, now forming almost separate tree form.	Within footprint of works.	Remove
32	1	<i>Eucalyptus microcorys</i>	Tallowood	18.0	15.0	1.07	1.16	12.84	3.52	Mature	Fair	Average	Native	Co-dominant Stems, Congested Branches	Long (>40 years)	Moderate	Highly fluted trunk with very congested branching structure at 2.5 forming multiple trunks. Growing in constrained environment between driveways.	Within footprint of works.	Remove
33	1	<i>Lophostemon confertus</i>	Brush Box	14.0	10.0	0.67	0.89	8.04	3.15	Mature	Fair	Average	Native	Deadwood-Minor	Long (>40 years)	Moderate		Within footprint of works.	Remove
34	1	<i>Cupressus torulosa</i>	Bhutan Cypress	16.0	5.0	0.68	0.73	8.16	2.90	Mature	Excellent	Excellent	Exotic		Long (>40 years)	Moderate		Within footprint of works.	Remove
35	1	<i>Ulmus glabra 'Lutescens'</i>	Golden Elm	10.0	10.0	0.75	0.96	9.00	3.25	Mature	Fair	Average	Exotic	Tip Dieback, Decay-Major, Cavity, Inclusions, Epicormic Growth	Short (5-15 years)	Low	Soundings and visible cavities indicate decay within lower trunk. Extensive canopy dieback to northern side.	Within footprint of works.	Remove
36	1	<i>Jacaranda mimosifolia</i>	Jacaranda	9.5	11.0	0.50	0.60	6.00	2.67	Mature	Fair	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Moderate		Within footprint of works.	Remove
37	1	<i>Cinnamomum camphora</i>	Camphor Laurel	16.0	16.0	1.27	1.27	15.00	3.66	Mature	Fair	Average	Invasive	Co-dominant Stems	Medium (15-40 years)	Moderate	Sparse canopy and extensively pruned in lower canopy. One of the older trees on the site.	Within footprint of works.	Remove
38	1	<i>Cinnamomum camphora</i>	Camphor Laurel	15.5	14.0	1.25	1.40	15.00	3.81	Mature	Fair	Average	Invasive	Tip Dieback	Medium (15-40 years)	Moderate	Sparse canopy and extensively pruned in lower canopy. Wire embedment to northern trunk. One of the older trees on the site.	Within footprint of works.	Remove
39	1	<i>Ulmus minor 'Variegata'</i>	Smooth-leaved Elm	19.0	13.0	0.89	0.93	10.68	3.21	Mature	Good	Excellent	Exotic	Epicormic Growth	Medium (15-40 years)	High	Very good and prominent tree. Prominent surface roots visible. Cooler climate tree, relatively uncommon in Sydney in such good condition.	Within footprint of works.	Remove

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
40	1	<i>Cupressus sempervirens</i> 'Swanes Golden'	Swanes Golden Pencil Pine	8.0	1.0	0.24	0.34	2.88	2.10	Mature	Fair	Average	Exotic		Medium (15-40 years)	Low		Within footprint of works.	Remove
41	1	<i>Angophora costata</i>	Smooth-barked Apple	15.0	8.0	0.43	0.56	5.16	2.59	Mature	Poor	Average	Endemic	Tip Dieback, Deadwood-Minor	Short (5-15 years)	Low	Generally poor condition. Extensive trunk wounding at 4.0m to east.	Within footprint of works.	Remove
42	1	<i>Lophostemon confertus</i>	Brush Box	14.5	11.0	0.75	0.80	9.00	3.01	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Relatively sparse canopy.	Within footprint of works.	Remove
43	1	<i>Syzygium paniculatum</i>	Magenta Cherry	14.5	10.0	0.73	0.80	8.76	3.01	Mature	Good	Excellent	Native		Long (>40 years)	High	Very good tree in good condition.	Within footprint of works.	Remove
44	1	<i>Ulmus glabra</i> 'Lutescens'	Golden Elm	11.0	12.0	0.83	1.07	9.96	3.40	Mature	Good	Poor	Exotic	Co-dominant Stems, Inclusions, Deadwood-Minor, Decay-Minor, Cavity, Root Impacts	Medium (15-40 years)	Moderate	Potentially infected with slime flux bacteria due to small area of exudate at included branch union in lower trunk, otherwise prominent and wide spreading shade tree.	Within footprint of works.	Remove
45	1	<i>Cedrus deodara</i>	Himalayan Cedar	14.5	11.0	0.68	0.82	8.16	3.04	Mature	Good	Excellent	Exotic		Long (>40 years)	High	Prominent root visible at surface surrounding tree.	Within footprint of works.	Remove
46	1	<i>Jacaranda mimosifolia</i>	Jacaranda	8.5	8.0	0.35	0.52	4.20	2.51	Mature	Fair	Average	Exotic	Root Impacts, Co-dominant Stems	Medium (15-40 years)	Moderate	Tridominant trunks from base. Major root visible near surface to south of tree.	Within footprint of works.	Remove
47	1	<i>Michelia figo</i>	Port-Wine Magnolia	4.5	5.0	0.25	0.42	3.00	2.30	Mature	Fair	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low	Multi-trunked from base.	Within footprint of works.	Remove
48	1	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	6.0	4.0	0.23	0.29	2.76	1.97	Over-mature	Poor	Average	Exotic	Tip Dieback, Root Impacts, Decay-Minor	Short (5-15 years)	Low	Sparse canopy and die back noted. Minor decay at site of old pruning wounds.	Within footprint of works.	Remove
49	1	<i>Viburnum tinus</i>	Laurustinus	5.0	4.0	0.40	0.70	4.80	2.85	Mature	Good	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low	Multitrunked from base.	Within footprint of works.	Remove
50	1	<i>Afrocarpus falcatus</i>	Outeniqua Yellow-wood	10.5	11.0	0.81	0.90	9.72	3.17	Mature	Fair	Excellent	Exotic	Root Impacts	Medium (15-40 years)	Moderate	Extensive surface roots noted. Relatively sparse canopy for species.	Within footprint of works.	Remove
51	1	<i>Jacaranda mimosifolia</i>	Jacaranda	8.0	6.0	0.26	0.37	3.12	2.18	Mature	Fair	Average	Exotic		Medium (15-40 years)	Low		Within footprint of works.	Remove
52	1	<i>Sapium sebiferum</i>	Chinese Tallow Tree	8.5	7.0	0.33	0.41	3.96	2.28	Mature	Fair	Average	Exotic	Deadwood-Minor, Root Impacts	Medium (15-40 years)	Moderate	Large surface roots visible. Growing in close proximity to retaining wall to north.	Within footprint of works.	Remove
53	1	<i>Cupressus torulosa</i>	Bhutan Cypress	14.5	6.0	0.75	0.80	9.00	3.01	Mature	Good	Average	Exotic	Very Asymmetric Form	Long (>40 years)	Moderate	Asymmetric canopy to west.	Within footprint of works.	Remove
54	1	<i>Syzygium luehmannii</i>	Small Leaf Lilly Pilly	7.5	4.0	0.18	0.22	2.16	1.75	Mature	Poor	Average	Native	Co-dominant Stems	Short (5-15 years)	Low	Very sparse canopy.	Within footprint of works.	Remove
55	1	<i>Prunus sp.</i>	Plum	6.0	3.0	0.17	0.20	2.04	1.68	Mature	Fair	Average	Exotic	Decay-Minor	Short (5-15 years)	Low	Standardise form. Fungal fruiting bodies and minor decay at primary branch junctions.	Within footprint of works.	Remove
56	1	<i>Jacaranda mimosifolia</i>	Jacaranda	10.5	10.0	0.49	0.52	5.88	2.51	Mature	Fair	Average	Exotic	Epicormic Growth, Decay-Minor, Co-dominant Stems	Medium (15-40 years)	Moderate	Minor decay at old pruning sites.	Within footprint of works.	Remove
57	1	<i>Liquidambar styraciflua</i>	Liquidambar	17.0	14.0	0.64	0.80	7.68	3.01	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Extensive basal root flare, shallow root system surrounding tree.	Within footprint of works.	Remove
58	1	<i>Liquidambar styraciflua</i>	Liquidambar	18.0	13.0	0.68	0.83	8.16	3.06	Mature	Good	Average	Exotic		Long (>40 years)	Moderate		Within footprint of works.	Remove
59	4	<i>Callistemon citrinus</i> cv.	Crimson Bottlebrush	8.0	5.0	0.20	0.24	2.40	1.82	Over-mature	Fair	Average	Native	Co-dominant Stems, Inclusions, Tip Dieback	Short (5-15 years)	Low	Group of 4 specimens. Generally sparse canopies.	Within footprint of works.	Remove
60	1	<i>Liquidambar styraciflua</i>	Liquidambar	17.0	13.0	0.66	0.92	7.92	3.20	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Clearance pruning and thinning undertaken.	Within footprint of works.	Remove
61	1	<i>Ulmus procera</i>	English Elm	9.5	10.0	0.50	0.61	6.00	2.69	Mature	Fair	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Moderate		Within footprint of works.	Remove
62	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.5	12.0	0.68	0.88	8.16	3.14	Mature	Good	Average	Native		Long (>40 years)	High	Fungal fruiting body at base, otherwise good and prominent tree.	Within footprint of works.	Remove
63	1	<i>Araucaria heterophylla</i>	Norfolk Island Pine	17.0	10.0	0.48	0.61	5.76	2.69	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Growing under and into the canopy of adjoining Lemon-scented Gum.	Within footprint of works.	Remove
64	1	<i>Jacaranda mimosifolia</i>	Jacaranda	9.5	10.0	0.31	0.44	3.72	2.34	Mature	Good	Average	Exotic		Long (>40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
65	1	<i>Malus sp. Hybrid</i> cv.	Crabapple	5.0	6.0	0.25	0.40	3.00	2.25	Mature	Good	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low	Heavily pruned.	Within footprint of works.	Remove
66	1	<i>Jacaranda mimosifolia</i>	Jacaranda	12.5	12.0	0.40	0.53	4.80	2.53	Mature	Good	Average	Exotic	Co-dominant Stems	Long (>40 years)	Moderate		Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
67	1	<i>Liquidambar styraciflua</i>	Liquidambar	17.0	15.0	0.83	1.03	9.96	3.35	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Nest box within tree.	Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
68	1	<i>Acacia melanoxylon</i>	Blackwood	12.0	12.0	0.74	0.85	8.88	3.09	Mature	Good	Average	Native		Medium (15-40 years)	Moderate		Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
69	1	<i>Stenocarpus sinuatus</i>	Queensland Firewheel Tree	6.0	4.0	0.19	0.27	2.28	1.91	Mature	Good	Average	Native	Co-dominant Stems	Medium (15-40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
70	1	<i>Syncarpia glomulifera</i>	Turpentine	10.0	9.0	0.61	0.76	7.32	2.95	Mature	Good	Average	Endemic	Very Asymmetric Form	Long (>40 years)	High	Asymmetric to north.	Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
71	1	<i>Eucalyptus resinifera</i>	Red Mahogany	9.5	10.0	0.94	1.02	11.28	3.34	Mature	Fair	Average	Endemic	Tip Dieback, Epicormic Growth	Medium (15-40 years)	Moderate	Extensive tip dieback and epicormic growth.	Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
72	1	<i>Tibouchina lepidota</i>	Lasiandra	9.5	10.0	0.40	0.52	4.80	2.51	Mature	Good	Average	Exotic		Medium (15-40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
73	1	<i>Magnolia x soulangiana</i>	Magnolia	9.5	10.0	0.30	0.43	3.60	2.32	Mature	Good	Excellent	Exotic		Medium (15-40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
74	1	<i>Stenocarpus sinuatus</i>	Queensland Firewheel Tree	8.5	5.0	0.24	0.31	2.88	2.02	Mature	Good	Average	Native		Medium (15-40 years)	Moderate		Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
75	3	<i>Angophora costata</i>	Smooth-barked Apple	7.5	4.0	0.18	0.22	2.16	1.75	Semi-mature	Fair	Average	Endemic		Long (>40 years)	Low	Group of three. Largest one measured and in better condition than other two.	Within footprint of works.	Remove
76	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	9.5	10.0	1.10	1.25	13.20	3.63	Mature	Good	Average	Endemic		Long (>40 years)	Moderate	Tree on neighbouring property. Significant borer blaze to 60% of trunk circumference from ground level to 3m high on southern (tower development side). Noticably thinning canopy. Trunk base level with adjoining roadway, if not slightly higher. Tree likely to have been impacted by current tower construction. Tree protection zone and fencing appears to have been potentially inadequate on southern side.	Neighbouring tree in poor health and condition. Stage 1 works result in a minor incursion of less than 5%. Existing bitumen driveway to be carefully demolished with surface impacts to be managed, however, minimal root loss is expected. Once bitumen has been removed, additional mulching is to be installed on our site (to the north of the tree) which may improve the trees condition. The Master Plan assumes and requires this tree to be removed.	Retain - Stage 1 only (removed in Master Plan)
77	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.0	10.0	0.57	0.76	6.84	2.95	Mature	Good	Average	Native		Long (>40 years)	Moderate		Within footprint of works.	Remove
78	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	10.0	0.48	0.60	5.76	2.67	Mature	Good	Average	Native	Major Wounding	Long (>40 years)	Moderate	Wound to trunk at 1m above ground to west. Slightly sparse canopy.	Within footprint of works.	Remove
79	1	<i>Liquidambar styraciflua</i>	Liquidambar	18.5	12.0	0.78	0.91	9.36	3.18	Mature	Good	Average	Exotic		Long (>40 years)	Moderate		Within footprint of works.	Remove

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
80	1	<i>Liquidambar styraciflua</i>	Liquidambar	18.5	12.0	0.71	0.91	8.52	3.18	Mature	Good	Average	Exotic		Long (>40 years)	Moderate		Within footprint of works.	Remove
81	1	<i>Liquidambar styraciflua</i>	Liquidambar	18.5	12.0	0.52	0.65	6.24	2.76	Mature	Good	Average	Exotic	Epicormic Growth, Very Asymmetric Form	Long (>40 years)	Moderate		Within footprint of works.	Remove
82	1	<i>Populus deltoides</i>	American Cottonwood	23.5	12.0	1.08	1.26	12.96	3.65	Mature	Good	Average	Exotic	Co-dominant Stems, Epicormic Growth, Tip Dieback	Medium (15-40 years)	Moderate	Significantly crown raised.	Within footprint of works.	Remove
83	1	<i>Populus deltoides</i>	American Cottonwood	22.0	12.0	0.84	0.95	10.08	3.24	Mature	Good	Average	Exotic	Tip Dieback, Decay-Minor, Epicormic Growth	Medium (15-40 years)	Moderate		Within footprint of works.	Remove
84	1	<i>Populus deltoides</i>	American Cottonwood	22.0	12.0	0.92	0.98	11.04	3.28	Mature	Good	Average	Exotic	Co-dominant Stems, Epicormic Growth, Tip Dieback, Root Impacts	Medium (15-40 years)	Moderate	Extensive root system visible with mower scalping.	Within footprint of works.	Remove
85	1	<i>Malus sp. Hybrid cv.</i>	Crabapple	6.0	6.0	0.15	0.19	2.00	1.65	Mature	Fair	Average	Exotic		Medium (15-40 years)	Low		Within footprint of works.	Remove
86	1	<i>Sapium sebiferum</i>	Chinese Tallow Tree	10.5	9.0	0.41	0.56	4.92	2.59	Mature	Good	Excellent	Exotic		Long (>40 years)	Moderate		Minor incursion of 4% expected to the western side of the tree resulting from the excavation required to construct one of the new tower developments.	Retain
87	1	<i>Corymbia maculata</i>	Spotted Gum	18.5	12.0	0.95	1.25	11.40	3.63	Mature	Good	Excellent	Native		Long (>40 years)	High	Large and visually prominent tree, worthy of extensive attempts to retain and protect.	Minor incursion of 10% expected to the eastern and western sides of the tree. The eastern side impacts result from the construction and excavation required to install a new stormwater culvert, the western side impacts result from the excavation required to construct one of the new tower developments. Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.	Retain
88	6	<i>Acmena smithii</i>	Lilly Pilly	18.5	12.0	0.33	0.33	3.96	2.08	Mature	Fair	Average	Native	Co-dominant Stems	Long (>40 years)	Moderate	Group of six trees closely planted. Moderate rating as a group, individually low. Smaller specimens somewhat suppressed.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
89	1	<i>Pittosporum undulatum</i>	Sweet Pittosporum	12.0	10.0	0.44	0.54	5.28	2.55	Mature	Fair	Average	Endemic	Co-dominant Stems	Medium (15-40 years)	Low		Within footprint of works.	Remove
90	1	<i>Ceratopetalum gummiferum</i>	New South Wales Christmas Bush	9.5	3.0	0.28	0.39	3.36	2.23	Mature	Good	Average	Endemic	Co-dominant Stems	Medium (15-40 years)	Moderate		Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
91	1	<i>Tibouchina lepidota</i>	Lasiandra	6.5	6.0	0.44	0.55	5.28	2.57	Over-mature	Poor	Average	Exotic	Co-dominant Stems, Deadwood-Major, Tip Dieback, Epicormic Growth	Medium (15-40 years)	Low	Extensive deadwood and dieback in parts of canopy.	Within footprint of works.	Remove
92	1	<i>Liquidambar styraciflua</i>	Liquidambar	15.5	16.0	0.86	0.96	10.32	3.25	Mature	Good	Average	Exotic	Branch Tearouts	Long (>40 years)	Moderate	Very large and spreading tree producing excellent canopy cover and shade.	Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
93	1	<i>Tibouchina lepidota</i>	Lasiandra	5.0	12.0	0.40	0.65	4.80	2.76	Mature	Good	Poor	Exotic	Co-dominant Stems, Epicormic Growth	Medium (15-40 years)	Low	Tree historically topped at 4m. Extensive epicormic growth.	Within footprint of works.	Remove
94	1	<i>Robinia pseudoacacia 'Frisia'</i>	Golden Robinia	5.0	4.0	0.19	0.19	2.28	1.65	Mature	Fair	Poor	Exotic	Decay-Minor, Major Wounding, Epicormic Growth	Short (5-15 years)	Nil / Remove	Tree historically topped at 2.5m	Poor quality tree. Recommend removal	Remove
95	1	<i>Jacaranda mimosifolia</i>	Jacaranda	16.5	12.0	0.88	0.80	10.56	3.01	Mature	Good	Average	Exotic	Co-dominant Stems, Branch Tearouts, Decay-Minor	Long (>40 years)	Low	Dysfunction and wire embedment observed at primary function. Hollow soundings in main trunks.	Within footprint of works.	Remove
96	1	<i>Lophostemon confertus</i>	Brush Box	17.5	10.0	0.81	0.92	9.72	3.20	Mature	Good	Average	Native	Co-dominant Stems	Long (>40 years)	High		Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
97	1	<i>Chamaecyparis obtusa cv.</i>	Hinoki Cypress Cultivar	13.0	6.0	0.61	0.61	7.32	2.69	Mature	Good	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within footprint of works.	Remove
98	1	<i>Lophostemon confertus</i>	Brush Box	9.5	4.0	0.12	0.17	2.00	1.57	Semi-mature	Good	Average	Native		Long (>40 years)	Moderate		Within footprint of works.	Remove
99	1	<i>Lophostemon confertus</i>	Brush Box	10.0	4.0	0.13	0.20	2.00	1.68	Semi-mature	Good	Average	Native		Long (>40 years)	Moderate		Within footprint of works.	Remove
100	1	<i>Eucalyptus tereticornis?</i>	Forest Red Gum	10.0	4.0	0.14	0.19	2.00	1.65	Semi-mature	Good	Average	Endemic		Long (>40 years)	Moderate		Within footprint of works.	Remove
101	1	<i>Euc. sp.</i>	Gum	5.0	2.5	0.05	0.07	2.00	1.08	Semi-mature	Poor	Poor	Native	Tip Dieback	Replaceable (Small/Young)	Low	Not enough identification material to make positive identification. Peppermint smell to leaves.	Within footprint of works.	Remove
102	1	<i>Cupressus torulosa</i>	Bhutan Cypress	14.5	6.0	0.65	0.70	7.80	2.85	Mature	Good	Excellent	Exotic	Co-dominant Stems, Inclusions	Long (>40 years)	Moderate		Within footprint of works.	Remove
103	1	<i>Gleditsia triacanthos 'Shademaster'</i>	Green Honey Locust	6.5	7.0	0.15	0.30	2.00	2.00	Mature	Fair	Average	Exotic	Tip Dieback, Epicormic Growth	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
104	1	<i>Gleditsia triacanthos 'Shademaster'</i>	Green Honey Locust	7.0	6.0	0.15	0.22	2.00	1.75	Mature	Fair	Average	Exotic	Tip Dieback, Epicormic Growth	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
105	1	<i>Gleditsia triacanthos 'Shademaster'</i>	Green Honey Locust	7.0	6.0	0.14	0.22	2.00	1.75	Mature	Fair	Average	Exotic	Tip Dieback, Epicormic Growth	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
106	1	<i>Gleditsia triacanthos 'Shademaster'</i>	Green Honey Locust	6.0	4.0	0.13	0.17	2.00	1.57	Mature	Fair	Average	Exotic	Tip Dieback, Epicormic Growth, Branch Tearouts	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
107	1	<i>Gleditsia triacanthos 'Shademaster'</i>	Green Honey Locust	8.0	8.0	0.22	0.30	2.64	2.00	Mature	Fair	Average	Exotic		Medium (15-40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
108	1	<i>Liquidambar styraciflua</i>	Liquidambar	5.5	3.0	0.14	0.20	2.00	1.68	Semi-mature	Poor	Average	Exotic	Tip Dieback, Epicormic Growth, Deadwood-Minor, Pest/Disease	Short (5-15 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
109	1	<i>Euc. sp.</i>	Gum	5.0	2.0	0.05	0.10	2.00	1.26	Semi-mature	Good	Average	Native		Replaceable (Small/Young)	Low	Insufficient identification material for positive identification.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
110	1	<i>Casuarina cunninghamiana</i>	River She-Oak	9.5	6.0	0.20	0.28	2.40	1.94	Mature	Good	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
111	1	<i>Casuarina cunninghamiana</i>	River She-Oak	9.5	6.0	0.20	0.30	2.40	2.00	Mature	Fair	Average	Native	Deadwood-Minor, Very Asymmetric Form	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
112	1	<i>Casuarina cunninghamiana</i>	River She-Oak	9.5	6.0	0.13	0.19	2.00	1.65	Mature	Fair	Average	Native	Very Asymmetric Form, Lean-Minor	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
113	4	<i>Casuarina cunninghamiana</i>	River She-Oak	8.5	3.0	0.12	0.20	2.00	1.68	Mature	Poor	Poor	Native	Tip Dieback, Epicormic Growth, Deadwood-Minor	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
114	1	<i>Casuarina cunninghamiana</i>	River She-Oak	9.5	4.0	0.15	0.25	2.00	1.85	Mature	Fair	Average	Native	Deadwood-Minor, Very Asymmetric Form	Medium (15-40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
115	1	<i>Casuarina cunninghamiana</i>	River She-Oak	11.5	6.0	0.22	0.35	2.64	2.13	Mature	Fair	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
116	1	<i>Casuarina cunninghamiana</i>	River She-Oak	8.0	3.0	0.11	0.17	2.00	1.57	Mature	Poor	Average	Native	Tip Dieback, Epicormic Growth, Deadwood-Minor	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
117	1	<i>Casuarina cunninghamiana</i>	River She-Oak	10.5	5.0	0.25	0.40	3.00	2.25	Mature	Fair	Average	Native	Deadwood-Minor	Medium (15-40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
118	5	<i>Casuarina cunninghamiana</i>	River She-Oak	8.5	4.0	0.11	0.16	2.00	1.53	Mature	Poor	Suppressed	Native	Tip Dieback, Deadwood-Minor	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
119	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	8.5	3.0	0.07	0.10	2.00	1.26	Mature	Fair	Suppressed	Native		Replaceable (Small/Young)	Low		Nil impacts expected.	Retain

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
120	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	11.0	5.0	0.26	0.35	3.12	2.13	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
121	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	9.0	5.0	0.24	0.30	2.88	2.00	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
122	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	12.5	7.0	0.30	0.39	3.60	2.23	Mature	Good	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
123	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	11.0	5.0	0.22	0.30	2.64	2.00	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
124	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	13.0	5.0	0.19	0.26	2.28	1.88	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
125	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	9.5	5.0	0.15	0.20	2.00	1.68	Mature	Fair	Average	Native		Long (>40 years)	Low	Part of very closely spaced copse.	Nil impacts expected.	Retain
126	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	10.0	0.42	0.52	5.04	2.51	Mature	Good	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse. One of the better trees in group.	Nil impacts expected.	Retain
127	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	6.0	0.24	0.30	2.88	2.00	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
128	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	7.0	0.23	0.31	2.76	2.02	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
129	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	10.0	5.0	0.16	0.22	2.00	1.75	Mature	Fair	Suppressed	Native		Long (>40 years)	Low	Part of very closely spaced copse.	Nil impacts expected.	Retain
130	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	9.0	3.0	0.10	0.15	2.00	1.49	Mature	Poor	Suppressed	Native		Long (>40 years)	Low	Part of very closely spaced copse.	Nil impacts expected.	Retain
131	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	5.0	0.25	0.32	3.00	2.05	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
132	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	10.0	3.0	0.15	0.20	2.00	1.68	Mature	Fair	Suppressed	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of very closely spaced copse.	Nil impacts expected.	Retain
133	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	5.0	0.23	0.30	2.76	2.00	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
134	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	7.0	0.25	0.32	3.00	2.05	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
135	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	14.0	6.0	0.23	0.29	2.76	1.97	Mature	Good	Average	Native	Lean-Minor, Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced copse. Asymmetric to east.	Nil impacts expected.	Retain
136	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	13.0	7.0	0.23	0.30	2.76	2.00	Mature	Good	Average	Native	Lean-Minor, Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced copse. Very asymmetric to east.	Nil impacts expected.	Retain
137	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	9.0	6.0	0.18	0.22	2.16	1.75	Mature	Fair	Suppressed	Native	Deadwood-Minor	Long (>40 years)	Low	Part of very closely spaced copse.	Nil impacts expected.	Retain
138	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	14.0	6.0	0.21	0.25	2.52	1.85	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
139	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	11.0	7.0	0.18	0.23	2.16	1.79	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
140	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.5	8.0	0.32	0.39	3.84	2.23	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse. One of the better trees of the group.	Nil impacts expected.	Retain
141	1	<i>Casuarina cunninghamiana</i>	River She-Oak	8.5	3.0	0.17	0.24	2.04	1.82	Mature	Fair	Average	Native		Medium (15-40 years)	Low	Nil impacts expected.	Nil impacts expected.	Retain
142	1	<i>Casuarina cunninghamiana</i>	River She-Oak	8.5	3.0	0.15	0.24	2.00	1.82	Mature	Fair	Average	Native		Medium (15-40 years)	Low	Excessive clearance pruning.	Nil impacts expected.	Retain
143	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	13.0	7.0	0.26	0.33	3.12	2.08	Mature	Good	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced copse. Asymmetric to north.	Nil impacts expected.	Retain
144	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	14.5	7.0	0.33	0.40	3.96	2.25	Mature	Fair	Average	Native	Very Asymmetric Form, Lean-Minor	Long (>40 years)	Low	Part of very closely spaced copse. Very asymmetric to north.	Nil impacts expected.	Retain
145	1	<i>Gleditsia triacanthos</i> 'Shademaster'	Green Honey Locust	5.5	4.0	0.15	0.15	2.00	1.49	Mature	Fair	Poor	Exotic	Tip Dieback, Epicormic Growth, Co-dominant Stems, Inclusions, Very Asymmetric Form	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
146	1	<i>Gleditsia triacanthos</i> 'Shademaster'	Green Honey Locust	6.0	5.0	0.12	0.19	2.00	1.65	Mature	Fair	Average	Exotic	Epicormic Growth	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
147	1	<i>Casuarina cunninghamiana</i>	River She-Oak	8.5	4.0	0.21	0.29	2.52	1.97	Mature	Good	Average	Native	Lean-Minor, Very Asymmetric Form	Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
148	1	<i>Casuarina cunninghamiana</i>	River She-Oak	11.0	4.0	0.21	0.27	2.52	1.91	Mature	Good	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
149	1	<i>Casuarina cunninghamiana</i>	River She-Oak	9.5	4.0	0.18	0.25	2.16	1.85	Mature	Good	Average	Native	Very Asymmetric Form, Lean-Minor	Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
150	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	13.5	7.0	0.29	0.38	3.48	2.20	Mature	Fair	Average	Native	Very Asymmetric Form, Lean-Minor	Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
151	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	13.0	7.0	0.31	0.39	3.72	2.23	Mature	Fair	Average	Native	Very Asymmetric Form, Lean-Minor	Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
152	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	11.5	5.0	0.17	0.23	2.04	1.79	Mature	Fair	Suppressed	Native		Long (>40 years)	Low	Part of very closely spaced copse.	Nil impacts expected.	Retain
153	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	10.0	8.0	0.23	0.32	2.76	2.05	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
154	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	8.0	4.0	0.14	0.20	2.00	1.68	Mature	Fair	Suppressed	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of very closely spaced copse.	Nil impacts expected.	Retain
155	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	13.0	7.0	0.24	0.31	2.88	2.02	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
156	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.5	7.0	0.27	0.34	3.24	2.10	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse.	Nil impacts expected.	Retain
157	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.0	7.0	0.34	0.52	4.08	2.51	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced copse. Growth split in bark to west of trunk.	Nil impacts expected.	Retain
158	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	16.5	9.0	0.45	0.82	5.40	3.04	Mature	Fair	Average	Endemic	Co-dominant Stems	Long (>40 years)	Moderate	Part of very closely spaced copse. Tridominant trunks from base.	Nil impacts expected.	Retain
159	3	<i>Eucalyptus saligna</i>	Sydney Blue Gum	12.5	5.0	0.18	0.21	2.16	1.72	Mature	Fair	Average	Endemic	Very Asymmetric Form	Long (>40 years)	Low	Part of very closely spaced copse.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
160	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	18.0	10.0	0.58	0.65	6.96	2.76	Mature	Fair	Average	Endemic		Long (>40 years)	High	Part of very closely spaced copse. In neighbouring property.	Nil impacts expected.	Retain
161	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	22.0	10.0	0.55	0.65	6.60	2.76	Mature	Fair	Average	Endemic		Long (>40 years)	High	In neighbouring property.	Nil impacts expected.	Retain
162	3	<i>Casuarina cunninghamiana</i>	River She-Oak	6.5	3.0	0.13	0.17	2.00	1.57	Mature	Poor	Poor	Native		Medium (15-40 years)	Low	Part of very closely spaced copse.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
163	1	<i>Casuarina cunninghamiana</i>	River She-Oak	6.5	3.0	0.09	0.14	2.00	1.45	Mature	Fair	Average	Native		Medium (15-40 years)	Low	Part of very closely spaced copse.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
164	1	<i>Casuarina cunninghamiana</i>	River She-Oak	9.5	3.0	0.23	0.31	2.76	2.02	Mature	Fair	Average	Native	Very Asymmetric Form	Medium (15-40 years)	Low	Part of very closely spaced copse.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
165	1	<i>Casuarina cunninghamiana</i>	River She-Oak	11.0	5.0	0.25	0.33	3.00	2.08	Mature	Fair	Average	Native	Lean-Minor, Very Asymmetric Form	Medium (15-40 years)	Low	Part of very closely spaced copse.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
166	1	<i>Casuarina cunninghamiana</i>	River She-Oak	11.0	5.0	0.33	0.45	3.96	2.37	Mature	Fair	Average	Native	Very Asymmetric Form, Co-dominant Stems	Medium (15-40 years)	Low	Part of very closely spaced copse.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
167	1	<i>Casuarina cunninghamiana</i>	River She-Oak	11.0	5.0	0.34	0.45	4.08	2.37	Mature	Fair	Average	Native	Very Asymmetric Form, Lean-Minor	Medium (15-40 years)	Low	Part of very closely spaced copse.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
168	3	<i>Callistemon viminalis</i> cv.	Weeping Bottlebrush	6.0	4.0	0.10	0.15	2.00	1.49	Mature	Poor	Average	Native	Co-dominant Stems	Short (5-15 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
169	1	<i>Liquidambar styraciflua</i>	Liquidambar	11.5	10.0	0.60	0.65	7.20	2.76	Mature	Good	Average	Exotic	Co-dominant Stems	Long (>40 years)	Moderate	Part of very closely spaced row along road.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
170	1	<i>Liquidambar styraciflua</i>	Liquidambar	10.5	10.0	0.39	0.50	4.68	2.47	Mature	Fair	Average	Exotic	Decay-Minor, Co-dominant Stems	Long (>40 years)	Low	Part of very closely spaced row along road.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
171	1	<i>Liquidambar styraciflua</i>	Liquidambar	9.0	10.0	0.26	0.30	3.12	2.00	Mature	Poor	Average	Exotic	Co-dominant Stems	Short (5-15 years)	Low	Part of very closely spaced row along road.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
172	1	<i>Liquidambar styraciflua</i>	Liquidambar	11.5	10.0	0.61	0.78	7.32	2.98	Mature	Good	Average	Exotic	Co-dominant Stems	Long (>40 years)	Moderate	Part of very closely spaced row along road.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
173	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	19.5	9.0	0.31	0.43	3.72	2.32	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
174	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	19.5	9.0	0.38	0.50	4.56	2.47	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
175	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.0	9.0	0.24	0.34	2.88	2.10	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
176	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	12.0	6.0	0.22	0.28	2.64	1.94	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
177	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	19.5	9.0	0.29	0.39	3.48	2.23	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
178	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.5	8.0	0.26	0.33	3.12	2.08	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
179	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	19.5	9.0	0.26	0.35	3.12	2.13	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
180	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	20.5	10.0	0.36	0.43	4.32	2.32	Mature	Fair	Average	Native		Long (>40 years)	High	Part of very closely spaced group along road. One of the better trees in the group. Prominent in streetscape.	Nil impacts expected.	Retain
181	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.5	8.0	0.31	0.40	3.72	2.25	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
182	1	<i>Acacia floribunda</i>	Gossamer Wattle	6.5	6.0	0.11	0.14	2.00	1.45	Mature	Fair	Average	Native	Very Asymmetric Form	Short (5-15 years)	Low		Nil impacts expected.	Retain
183	1	<i>Melaleuca bracteata</i>	Black Tea-Tree	7.5	2.0	0.09	0.11	2.00	1.31	Mature	Poor	Suppressed	Native		Short (5-15 years)	Nil / Remove		Within footprint of works.	Remove
184	1	<i>Gleditsia triacanthos 'Shademaster'</i>	Green Honey Locust	8.5	5.0	0.17	0.22	2.04	1.75	Mature	Fair	Poor	Exotic	Very Asymmetric Form	Short (5-15 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
185	1	<i>Grevillea robusta</i>	Silky Oak	13.0	5.0	0.33	0.41	3.96	2.28	Mature	Poor	Suppressed	Invasive	Deadwood-Minor, Tip Dieback	Short (5-15 years)	Low		Nil impacts expected.	Retain
186	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	19.0	8.0	0.34	0.45	4.08	2.37	Mature	Good	Average	Native	Very Asymmetric Form	Long (>40 years)	High	Part of very closely spaced group along road. High individual, and as a group. Prominent in streetscape. Very large surface roots running to north-east.	Nil impacts expected.	Retain
187	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	7.0	0.32	0.40	3.84	2.25	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
188	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.5	9.0	0.35	0.45	4.20	2.37	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
189	2	<i>Corymbia citriodora</i>	Lemon Scented Gum	14.0	3.0	0.14	0.19	2.00	1.65	Mature	Poor	Suppressed	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of very closely spaced group along road. Low individual, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
190	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.5	8.0	0.26	0.33	3.12	2.08	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
191	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.5	8.0	0.14	0.20	2.00	1.68	Mature	Poor	Suppressed	Native		Long (>40 years)	Low	Part of very closely spaced group along road. Low individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
192	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	4.0	0.15	0.21	2.00	1.72	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
193	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	10.0	4.0	0.14	0.21	2.00	1.72	Mature	Fair	Suppressed	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of very closely spaced group along road. Low individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
194	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.0	8.0	0.23	0.30	2.76	2.00	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
195	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	19.5	8.0	0.43	0.53	5.16	2.53	Mature	Good	Average	Native	Very Asymmetric Form	Long (>40 years)	High	Part of very closely spaced group along road. Prominent in streetscape. One of the better trees of the group.	Nil impacts expected.	Retain
196	1	<i>Acacia parramattensis</i>	Parramatta Wattle	7.5	3.0	0.06	0.10	2.00	1.26	Over-mature	Poor	Poor	Endemic	Very Asymmetric Form	Remove (<5 years)	Nil / Remove		Poor quality tree. Recommend removal	Remove
197	1	<i>Olea europaea subsp. africana</i>	African Olive	5.0	4.0	0.17	0.24	2.04	1.82	Mature	Fair	Poor	Invasive	Very Asymmetric Form	Remove (<5 years)	Nil / Remove		Poor quality tree. Recommend removal	Remove
198	1	<i>Grevillea robusta</i>	Silky Oak	8.0	4.0	0.10	0.13	2.00	1.40	Semi-mature	Poor	Poor	Invasive	Very Asymmetric Form	Remove (<5 years)	Nil / Remove		Poor quality tree. Recommend removal	Remove
199	2	<i>Grevillea robusta</i>	Silky Oak	8.0	4.0	0.13	0.16	2.00	1.53	Semi-mature	Poor	Poor	Invasive	Very Asymmetric Form	Remove (<5 years)	Nil / Remove		Poor quality tree. Recommend removal	Remove
200	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	9.0	0.25	0.31	3.00	2.02	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
201	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	9.0	0.25	0.32	3.00	2.05	Mature	Good	Average	Native	Very Asymmetric Form, Major Wounding	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape. One of the better trees of the group.	Nil impacts expected.	Retain
202	2	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	9.0	0.10	0.13	2.00	1.40	Mature	Poor	Suppressed	Native		Long (>40 years)	Low	Part of very closely spaced group along road. Low individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
203	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	9.0	0.29	0.37	3.48	2.18	Mature	Good	Average	Native		Long (>40 years)	High	Part of very closely spaced group along road. Prominent in streetscape. One of the better trees of the group.	Nil impacts expected.	Retain
204	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	14.0	9.0	0.27	0.32	3.24	2.05	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
205	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.5	9.0	0.35	0.48	4.20	2.43	Mature	Good	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape. One of the better trees of the group.	Nil impacts expected.	Retain
206	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	13.0	7.0	0.24	0.31	2.88	2.02	Mature	Good	Average	Native		Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain
207	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	8.0	0.30	0.37	3.60	2.18	Mature	Good	Average	Native		Long (>40 years)	High	Part of very closely spaced group along road. Prominent in streetscape. One of the better trees of the group.	Nil impacts expected.	Retain
208	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	9.0	0.29	0.37	3.48	2.18	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of very closely spaced group along road. Moderate individually, but high as a group. Prominent in streetscape.	Nil impacts expected.	Retain

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
209	4	<i>Acacia parramattensis</i>	Parramatta Wattle	5.0	9.0	0.07	0.10	2.00	1.26	Semi-mature	Good	Average	Endemic		Replaceable (Small/Young)	Low		Nil impacts expected.	Retain
210	1	<i>Olea europaea subsp. africana</i>	African Olive	7.0	5.0	0.20	0.25	2.40	1.85	Mature	Poor	Poor	Invasive	Very Asymmetric Form	Remove (<5 years)	Nil / Remove		Poor quality tree. Recommend removal	Remove
211	1	<i>Casuarina cunninghamiana</i>	River She-Oak	12.0	9.0	0.35	0.42	4.20	2.30	Mature	Good	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
212	1	<i>Angophora costata</i>	Smooth-barked Apple	10.5	7.0	0.23	0.26	2.76	1.88	Mature	Fair	Poor	Endemic	Very Asymmetric Form	Long (>40 years)	Low		Nil impacts expected.	Retain
213	1	<i>Gleditsia triacanthos 'Shademaster'</i>	Green Honey Locust	9.0	7.0	0.24	0.30	2.88	2.00	Mature	Fair	Average	Exotic		Short (5-15 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
214	1	<i>Pittosporum undulatum</i>	Sweet Pittosporum	9.0	7.0	0.26	0.30	3.12	2.00	Mature	Fair	Average	Endemic		Medium (15-40 years)	Low		Nil impacts expected.	Retain
215	1	<i>Casuarina cunninghamiana</i>	River She-Oak	11.0	7.0	0.19	0.29	2.28	1.97	Mature	Fair	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
216	1	<i>Casuarina cunninghamiana</i>	River She-Oak	11.0	7.0	0.22	0.28	2.64	1.94	Mature	Fair	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
217	1	<i>Casuarina cunninghamiana</i>	River She-Oak	12.0	9.0	0.26	0.35	3.12	2.13	Mature	Fair	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
218	1	<i>Casuarina cunninghamiana</i>	River She-Oak	8.0	5.0	0.11	0.14	2.00	1.45	Mature	Poor	Poor	Native	Very Asymmetric Form	Medium (15-40 years)	Low		Nil impacts expected.	Retain
219	1	<i>Casuarina cunninghamiana</i>	River She-Oak	12.0	6.0	0.20	0.24	2.40	1.82	Mature	Fair	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
220	1	<i>Angophora costata</i>	Smooth-barked Apple	7.5	5.0	0.11	0.14	2.00	1.45	Mature	Poor	Poor	Endemic	Very Asymmetric Form	Medium (15-40 years)	Low		Nil impacts expected.	Retain
221	1	<i>Angophora costata</i>	Smooth-barked Apple	9.0	4.0	0.15	0.22	2.00	1.75	Mature	Fair	Poor	Endemic	Very Asymmetric Form	Long (>40 years)	Low		Nil impacts expected.	Retain
222	1	<i>Casuarina cunninghamiana</i>	River She-Oak	12.0	6.0	0.26	0.39	3.12	2.23	Mature	Fair	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
223	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	9.0	0.32	0.41	3.84	2.28	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of closely spaced copse. Prominent in streetscape.	Nil impacts expected.	Retain
224	2	<i>Angophora costata</i>	Smooth-barked Apple	6.0	2.0	0.08	0.10	2.00	1.26	Semi-mature	Poor	Suppressed	Endemic	Very Asymmetric Form	Medium (15-40 years)	Low		Nil impacts expected.	Retain
225	2	<i>Corymbia citriodora</i>	Lemon Scented Gum	7.0	2.0	0.08	0.10	2.00	1.26	Semi-mature	Poor	Suppressed	Native	Very Asymmetric Form	Medium (15-40 years)	Low	Part of closely spaced copse.	Nil impacts expected.	Retain
226	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	8.5	4.0	0.12	0.20	2.00	1.68	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse.	Nil impacts expected.	Retain
227	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	9.0	0.35	0.46	4.20	2.39	Mature	Good	Average	Native		Long (>40 years)	High	Part of closely spaced copse. Prominent in streetscape.	Nil impacts expected.	Retain
228	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	14.0	7.0	0.30	0.36	3.60	2.15	Mature	Good	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate	Part of closely spaced copse. Prominent in streetscape.	Nil impacts expected.	Retain
229	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	9.0	0.35	0.43	4.20	2.32	Mature	Good	Average	Native	Very Asymmetric Form, Lean-Minor	Long (>40 years)	Moderate	Part of closely spaced copse. Prominent in streetscape.	Nil impacts expected.	Retain
230	12	<i>Casuarina cunninghamiana</i>	River She-Oak	9.5	5.0	0.26	0.33	3.12	2.08	Mature	Fair	Average	Native		Medium (15-40 years)	Moderate	Part of closely spaced copse of very similar trees.	Nil impacts expected.	Retain
231	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.5	8.0	0.32	0.39	3.84	2.23	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
232	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	14.0	8.0	0.24	0.31	2.88	2.02	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
233	2	<i>Corymbia citriodora</i>	Lemon Scented Gum	6.5	2.0	0.16	0.19	2.00	1.65	Mature	Fair	Average	Native		Replaceable (Small/Young)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
234	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.5	8.0	0.34	0.42	4.08	2.30	Mature	Good	Average	Native		Long (>40 years)	High	Part of closely spaced copse. Reasonably prominent in streetscape. One of the better trees. Slightly asymmetric to north-west.	Nil impacts expected.	Retain
235	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	6.0	0.24	0.32	2.88	2.05	Mature	Fair	Average	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
236	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	8.0	0.33	0.47	3.96	2.41	Mature	Good	Average	Native		Long (>40 years)	Moderate	Part of closely spaced copse. Reasonably prominent in streetscape. One of the better trees.	Nil impacts expected.	Retain
237	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	6.0	0.29	0.36	3.48	2.15	Mature	Fair	Average	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
238	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	14.0	6.0	0.18	0.23	2.16	1.79	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
239	2	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	5.0	0.21	0.30	2.52	2.00	Mature	Fair	Average	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
240	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	8.0	0.31	0.38	3.72	2.20	Mature	Fair	Average	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
241	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.5	7.0	0.25	0.32	3.00	2.05	Mature	Fair	Average	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
242	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.5	8.0	0.28	0.36	3.36	2.15	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
243	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.5	8.0	0.29	0.37	3.48	2.18	Mature	Fair	Suppressed	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
244	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	5.0	0.29	0.37	3.48	2.18	Mature	Fair	Average	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
245	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.5	9.0	0.35	0.49	4.20	2.45	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
246	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	13.0	4.0	0.20	0.26	2.40	1.88	Mature	Fair	Suppressed	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
247	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.5	9.0	0.39	0.48	4.68	2.43	Mature	Good	Average	Native		Long (>40 years)	Moderate	Part of closely spaced copse. Reasonably prominent in streetscape. One of the better specimens of group.	Nil impacts expected.	Retain

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
248	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.5	8.0	0.38	0.45	4.56	2.37	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
249	6	<i>Casuarina cunninghamiana</i>	River She-Oak	9.5	5.0	0.22	0.30	2.64	2.00	Mature	Fair	Average	Native		Medium (15-40 years)	Low		Nil impacts expected.	Retain
250	1	<i>Casuarina cunninghamiana</i>	River She-Oak	10.0	5.0	0.23	0.34	2.76	2.10	Mature	Fair	Average	Native		Medium (15-40 years)	Low		Nil impacts expected.	Retain
251	2	<i>Casuarina cunninghamiana</i>	River She-Oak	10.5	5.0	0.28	0.40	3.36	2.25	Mature	Fair	Average	Native		Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
252	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	9.0	5.0	0.15	0.20	2.00	1.68	Mature	Good	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate		Nil impacts expected.	Retain
253	9	<i>Casuarina cunninghamiana</i>	River She-Oak	10.0	4.0	0.23	0.29	2.76	1.97	Mature	Good	Average	Native		Medium (15-40 years)	Moderate	Part of closely spaced copse. Reasonably prominent in streetscape. Generally moderate as individuals and definitely moderate as a group.	Nil impacts expected.	Retain
254	10	<i>Casuarina cunninghamiana</i>	River She-Oak	10.0	4.0	0.23	0.30	2.76	2.00	Mature	Good	Average	Native		Medium (15-40 years)	Moderate	Closely spaced group of trees on mound along Epping Rd frontage. Reasonably prominent in streetscape. Generally moderate as individuals and definitely moderate as a group.	Nil impacts expected.	Retain
255	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.0	9.0	0.35	0.43	4.20	2.32	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
256	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	9.0	4.0	0.12	0.16	2.00	1.53	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
257	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	19.0	8.0	0.35	0.48	4.20	2.43	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
258	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	18.0	8.0	0.34	0.44	4.08	2.34	Mature	Fair	Average	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
259	2	<i>Corymbia citriodora</i>	Lemon Scented Gum	9.0	3.0	0.10	0.15	2.00	1.49	Mature	Fair	Suppressed	Native		Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
260	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.5	6.0	0.20	0.27	2.40	1.91	Mature	Fair	Suppressed	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
261	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	11.0	6.0	0.14	0.18	2.00	1.61	Mature	Poor	Poor	Native	Very Asymmetric Form, Pest/Disease	Medium (15-40 years)	Nil / Remove	Part of closely spaced copse. Very suppressed specimen.	Poor quality tree. Recommend removal	Remove
262	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	15.0	6.0	0.22	0.29	2.64	1.97	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
263	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	9.0	6.0	0.20	0.26	2.40	1.88	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
264	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	13.0	6.0	0.23	0.27	2.76	1.91	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
265	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	20.0	9.0	0.46	0.59	5.52	2.65	Mature	Fair	Average	Native		Long (>40 years)	Moderate	Part of closely spaced copse. Reasonably prominent in streetscape. One of the better specimens of the group. Large specimen. Partial incursion due to excavation.	Nil impacts expected.	Retain
266	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	16.0	6.0	0.27	0.34	3.24	2.10	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Nil / Remove	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group. Root area excavated for services. Recommend removal.	Damaged roots within SRZ. Recommend removal.	Remove
267	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	20.5	7.0	0.40	0.49	4.80	2.45	Mature	Fair	Average	Native	Very Asymmetric Form, Root Impacts	Long (>40 years)	Nil / Remove	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group. Root area excavated for services. Recommend removal.	Damaged roots within SRZ. Recommend removal.	Remove
268	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	20.0	8.0	0.42	0.55	5.04	2.57	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Nil / Remove	Part of closely spaced copse. Reasonably prominent in streetscape. One of the better specimens of the group. Badly excavated for services within SRZ. Damaged roots evident. High risk of failure. Recommend removal.	Damaged roots within SRZ. Recommend removal.	Remove
269	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	14.0	6.0	0.19	0.25	2.28	1.85	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
270	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	11.0	7.0	0.24	0.30	2.88	2.00	Mature	Fair	Average	Native	Very Asymmetric Form, Lean-Major	Long (>40 years)	Low	Part of closely spaced copse. Reasonably prominent in streetscape. Generally low as individuals but moderate as a group.	Nil impacts expected.	Retain
271	2	<i>Gordonia axillaris</i>	Fried Egg Tree	5.5	3.0	0.14	0.25	2.00	1.85	Mature	Fair	Average	Exotic	Very Asymmetric Form	Medium (15-40 years)	Low	Closely spaced group of 2.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
272	4	<i>Pistacia chinensis</i>	Chinese Pistachio	7.0	3.0	0.19	0.24	2.28	1.82	Mature	Fair	Average	Exotic	Very Asymmetric Form	Medium (15-40 years)	Low	Group adjacent driveway, path and building. Inappropriately positioned.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
273	1	<i>Pistacia chinensis</i>	Chinese Pistachio	8.0	4.0	0.16	0.22	2.00	1.75	Mature	Fair	Average	Exotic	Very Asymmetric Form	Medium (15-40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
274	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	19.5	11.0	0.70	0.85	8.40	3.09	Mature	Fair	Average	Endemic	Very Asymmetric Form	Long (>40 years)	High	Neighbouring tree. Likely to be impacted by relatively poor protection during construction.	Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.	Retain
275	2	<i>Corymbia citriodora</i>	Lemon Scented Gum	8.5	3.0	0.15	0.20	2.00	1.68	Semi-mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Low	Semi-mature group of two, growing under large tree. Assumed self sown. Somewhat suppressed.	Within footprint of works.	Remove
276	1	<i>Cupressus torulosa</i>	Bhutan Cypress	8.5	3.0	0.21	0.27	2.52	1.91	Mature	Fair	Average	Exotic	Very Asymmetric Form	Medium (15-40 years)	Low	Neighbouring tree.	Nil impacts expected.	Retain
277	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	9.5	4.0	0.46	0.46	5.52	2.39	Mature	Poor	Poor	Exotic	Very Asymmetric Form	Short (5-15 years)	Low	Neighbouring tree. Very poor condition.	Nil impacts expected.	Retain
278	1	<i>Liquidambar styraciflua</i>	Liquidambar	5.0	4.0	0.17	0.22	2.04	1.75	Mature	Poor	Poor	Exotic	Very Asymmetric Form, Deadwood-Major	Short (5-15 years)	Low	Neighbouring tree. Very poor condition.	Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.	Retain
279	1	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	5.0	4.0	0.12	0.16	2.00	1.53	Mature	Fair	Average	Endemic		Medium (15-40 years)	Low	Neighbouring property tree.	Nil impacts expected.	Retain
280	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.0	10.0	0.56	0.71	6.72	2.87	Mature	Fair	Average	Native		Long (>40 years)	High	Important tree in the context of neighbouring development. High value as a group of two.	Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.	Retain

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
281	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	11.0	7.0	0.37	0.49	4.44	2.45	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	High	Important tree in the context of neighbouring development. High as a group of two.	Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.	Retain
282	1	<i>Sapium sebiferum</i>	Chinese Tallow Tree	9.5	7.0	0.31	0.41	3.72	2.28	Mature	Fair	Average	Exotic	Very Asymmetric Form	Medium (15-40 years)	Low		Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.	Retain
283	1	<i>Sapium sebiferum</i>	Chinese Tallow Tree	8.0	7.0	0.30	0.42	3.60	2.30	Mature	Good	Average	Exotic	Very Asymmetric Form	Long (>40 years)	Low		Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.	Retain
284	2	<i>Sapium sebiferum</i>	Chinese Tallow Tree	9.0	3.0	0.23	0.31	2.76	2.02	Mature	Good	Average	Exotic		Long (>40 years)	Low	Closely spaced group of 2.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
285	2	<i>Sapium sebiferum</i>	Chinese Tallow Tree	9.0	3.0	0.25	0.30	3.00	2.00	Mature	Good	Average	Exotic		Long (>40 years)	Low	Closely spaced group of 2.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
286	2	<i>Sapium sebiferum</i>	Chinese Tallow Tree	9.0	3.0	0.22	0.29	2.64	1.97	Mature	Good	Average	Exotic	Lean-Minor, Very Asymmetric Form	Long (>40 years)	Low	Closely spaced group of 2.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
287	2	<i>Sapium sebiferum</i>	Chinese Tallow Tree	9.0	4.0	0.32	0.40	3.84	2.25	Mature	Good	Average	Exotic		Long (>40 years)	Low	Closely spaced group of 2. Northern specimen in better condition and size.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
288	1	<i>Sapium sebiferum</i>	Chinese Tallow Tree	9.0	6.0	0.38	0.48	4.56	2.43	Mature	Good	Average	Exotic	Co-dominant Stems	Long (>40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
289	1	<i>Sapium sebiferum</i>	Chinese Tallow Tree	9.0	6.0	0.32	0.43	3.84	2.32	Mature	Good	Average	Exotic		Long (>40 years)	Low		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
290	2	<i>Jacaranda mimosifolia</i>	Jacaranda	10.0	9.0	0.28	0.31	3.36	2.02	Mature	Good	Average	Exotic		Long (>40 years)	Moderate		Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
291	1	<i>Platanus x acenifolia</i>	London Plane	9.5	10.0	0.35	0.44	4.20	2.34	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Street tree.	Nil impacts expected.	Retain
292	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	8.0	8.0	0.65	0.77	7.80	2.97	Mature	Poor	Poor	Exotic		Short (5-15 years)	Low	Street tree.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
293	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	7.0	8.0	0.54	0.63	6.48	2.73	Mature	Fair	Poor	Exotic	Lean-Major, Decay-Major	Medium (15-40 years)	Nil / Remove	Street tree. Poor form and decay.	Poor quality tree. Recommend removal	Remove
294	1	<i>Platanus x acenifolia</i>	London Plane	10.5	8.0	0.38	0.45	4.56	2.37	Mature	Good	Average	Exotic	Co-dominant Stems	Long (>40 years)	High	Street tree.	Nil impacts expected.	Retain
295	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	9.5	8.0	0.80	0.96	9.60	3.25	Mature	Poor	Average	Exotic	Co-dominant Stems, Tip Dieback, Deadwood-Major, Decay-Major	Short (5-15 years)	Nil / Remove	Street tree. Very poor condition.	Poor quality tree. Recommend removal	Remove
296	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	19.0	9.0	0.62	0.80	7.44	3.01	Mature	Fair	Average	Native	Tip Dieback, Major Wounding, Deadwood-Minor	Long (>40 years)	Moderate	Sparse foliage, but the only large tree adjacent to VIMG on this boundary.	Within footprint of works.	Remove
297	1	<i>Syagrus romanzoffiana</i>	Queen Palm	8.0	4.0	0.24	0.30	2.88	2.00	Mature	Fair	Average	Exotic		Long (>40 years)	Low		Within footprint of works.	Remove
298	1	<i>Cupressus torulosa</i>	Bhutan Cypress	14.0	4.0	0.39	0.45	4.68	2.37	Mature	Poor	Average	Exotic	Co-dominant Stems, Tip Dieback	Medium (15-40 years)	Nil / Remove	Major dieback in canopy.	Poor quality tree. Recommend removal	Remove
299	1	<i>Cupressus torulosa</i>	Bhutan Cypress	14.0	4.0	0.69	0.82	8.28	3.04	Mature	Poor	Average	Exotic	Co-dominant Stems, Tip Dieback	Medium (15-40 years)	Low		Within footprint of works.	Remove
300	1	<i>Cupressus torulosa</i>	Bhutan Cypress	14.0	4.0	0.44	0.48	5.28	2.43	Mature	Fair	Average	Exotic	Co-dominant Stems, Tip Dieback	Medium (15-40 years)	Low		Within footprint of works.	Remove
301	1	<i>Cupressus torulosa</i>	Bhutan Cypress	14.0	4.0	0.45	0.52	5.40	2.51	Mature	Fair	Average	Exotic	Co-dominant Stems, Tip Dieback	Medium (15-40 years)	Low		Within footprint of works.	Remove
302	1	<i>Cupressus torulosa</i>	Bhutan Cypress	9.0	4.0	0.38	0.40	4.56	2.25	Mature	Fair	Average	Exotic	Co-dominant Stems, Tip Dieback	Medium (15-40 years)	Nil / Remove	Very poor condition.	Poor quality tree. Recommend removal	Remove
303	1	<i>Liquidambar styraciflua</i>	Liquidambar	15.5	9.0	0.68	0.89	8.16	3.15	Mature	Good	Average	Exotic		Long (>40 years)	Moderate	Prominent tree.	Within footprint of works.	Remove
304	3	<i>Jacaranda mimosifolia</i>	Jacaranda	11.5	9.0	0.38	0.42	4.56	2.30	Mature	Fair	Average	Exotic		Medium (15-40 years)	Moderate	Closely space row of 3. Northern most specimen the best of row.	Within footprint of works.	Remove
305	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	12.0	7.0	0.36	0.40	4.32	2.25	Mature	Fair	Average	Native		Long (>40 years)	Moderate		Within footprint of works.	Remove
306	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	20.5	12.0	0.72	0.86	8.64	3.11	Mature	Good	Average	Native		Long (>40 years)	Moderate		Within footprint of works.	Remove
307	1	<i>Corymbia maculata</i>	Spotted Gum	23.0	10.0	0.88	1.02	10.56	3.34	Mature	Good	Average	Native	Major Wounding, Decay-Minor, Cavity	Long (>40 years)	Moderate	Wounding to base.	Within footprint of works.	Remove
308	1	<i>Koelreuteria bipinnata</i>	Chinese Rain Tree	6.5	7.0	0.38	0.38	4.56	2.20	Mature	Excellent	Average	Exotic	Very Asymmetric Form	Long (>40 years)	Moderate		Within footprint of works.	Remove
309	6	<i>Koelreuteria bipinnata</i>	Chinese Rain Tree	6.5	16.0	0.24	0.27	2.88	1.91	Mature	Good	Average	Exotic	Very Asymmetric Form	Long (>40 years)	Low	Random group of 6 specimens, assumed self sown.	Within footprint of works.	Remove
310	1	<i>Grevillea robusta</i>	Silky Oak	12.0	3.0	0.25	0.33	3.00	2.08	Mature	Fair	Poor	Invasive	Poor Taper	Long (>40 years)	Low		Within footprint of works.	Remove
311	1	<i>Cupressus sempervirens 'Stricta'</i>	Pencil Pine	9.0	2.0	0.28	0.30	3.36	2.00	Mature	Poor	Poor	Exotic		Remove (<5 years)	Nil / Remove	Very poor condition.	Poor quality tree. Recommend removal	Remove
312	1	<i>Fraxinus ornus</i>	Mana Ash	8.0	6.0	0.30	0.33	3.60	2.08	Mature	Fair	Suppressed	Exotic	Very Asymmetric Form	Medium (15-40 years)	Low	Would likely be misshapen if other trees removed.	Within footprint of works.	Remove
313	2	<i>Koelreuteria bipinnata</i>	Chinese Rain Tree	6.5	6.0	0.26	0.28	3.12	1.94	Mature	Good	Average	Exotic	Very Asymmetric Form, Lean-Minor	Long (>40 years)	Moderate	Growing around larger Robinia. Assumed self sown.	Within footprint of works.	Remove
314	1	<i>Robinia pseudoacacia 'Frisia'</i>	Golden Robinia	11.5	6.0	0.32	0.38	3.84	2.20	Mature	Fair	Average	Exotic	Co-dominant Stems, Inclusions	Long (>40 years)	Low		Within footprint of works.	Remove
315	1	<i>Eucalyptus botryoides</i>	Bangalay	13.5	10.0	0.62	0.68	7.44	2.81	Mature	Good	Average	Native	Major Wounding, Decay-Minor	Long (>40 years)	Moderate	Major wound to lower trunk on east side, but otherwise good tree.	Within footprint of works.	Remove
316	2	<i>Arbutus unedo</i>	Strawberry Tree	6.0	4.0	0.20	0.30	2.40	2.00	Mature	Good	Average	Exotic	Co-dominant Stems	Long (>40 years)	Low		Within footprint of works.	Remove
317	1	<i>Schefflera arboricola</i>	Dwarf Umbrella Tree	5.5	6.0	0.30	0.45	3.60	2.37	Mature	Good	Average	Exotic	Major Wounding, Decay-Minor	Long (>40 years)	Low		Within footprint of works.	Remove
318	1	<i>Fraxinus ornus</i>	Mana Ash	7.5	6.0	0.32	0.45	3.84	2.37	Mature	Poor	Average	Exotic	Tip Dieback	Remove (<5 years)	Nil / Remove	Major dieback.	Poor quality tree. Recommend removal	Remove
319	2	<i>Koelreuteria bipinnata</i>	Chinese Rain Tree	6.5	7.0	0.18	0.25	2.16	1.85	Mature	Good	Average	Exotic	Lean-Minor	Long (>40 years)	Moderate	Assumed self sown.	Within footprint of works.	Remove
320	6	<i>Prunus cerasifera 'Nigra'</i>	Purple-leaved Cherry-plum	6.0	7.0	0.22	0.25	2.64	1.85	Over-mature	Fair	Average	Exotic	Co-dominant Stems, Deadwood-Minor, Decay-Minor	Long (>40 years)	Low	Row planting along Epping road frontage under powerlines. Appear to be over-mature and subject to early leaf fall.	Within footprint of works.	Remove
321	1	<i>Eucalyptus microcorys</i>	Tallowood	15.5	12.0	1.20	1.29	14.40	3.68	Mature	Good	Average	Native	Co-dominant Stems, Inclusions	Long (>40 years)	Moderate	Fused branches, codominant and included main stem. Prominent tree.	Within footprint of works.	Remove
322	1	<i>Jacaranda mimosifolia</i>	Jacaranda	13.0	10.0	0.50	0.68	6.00	2.81	Mature	Good	Excellent	Exotic		Long (>40 years)	High	Could well suit retention in ultimate development.	Within footprint of works.	Remove
323	1	<i>Jacaranda mimosifolia</i>	Jacaranda	10.5	10.0	0.39	0.42	4.68	2.30	Mature	Good	Average	Exotic	Co-dominant Stems, Very Asymmetric Form, Deadwood-Minor	Long (>40 years)	Moderate		Within footprint of works.	Remove
324	1	<i>Magnolia x soulangeana</i>	Magnolia	5.5	6.0	0.25	0.35	3.00	2.13	Mature	Fair	Average	Exotic		Medium (15-40 years)	Low		Within footprint of works.	Remove
325	1	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	5.0	2.0	0.13	0.16	2.00	1.53	Mature	Good	Average	Exotic		Replaceable (Small/Young)	Low	Very small tree.	Within footprint of works.	Remove
326	1	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	8.0	4.0	0.20	0.24	2.40	1.82	Mature	Good	Excellent	Endemic		Medium (15-40 years)	Moderate		Within footprint of works.	Remove
327	1	<i>Jacaranda mimosifolia</i>	Jacaranda	15.0	12.0	0.59	0.59	7.08	2.65	Mature	Good	Excellent	Exotic	Co-dominant Stems	Long (>40 years)	High	Prominent and well formed tree.	Within footprint of works.	Remove
328	1	<i>Cupressus torulosa</i>	Bhutan Cypress	16.0	7.0	0.65	0.70	7.80	2.85	Mature	Good	Excellent	Native	Co-dominant Stems, Inclusions	Medium (15-40 years)	Moderate		Within footprint of works.	Remove
329	1	<i>Eucalyptus microcorys</i>	Tallowood	15.5	12.0	0.86	1.08	10.32	3.42	Mature	Good	Excellent	Native		Long (>40 years)	High		Within footprint of works.	Remove
330	1	<i>Eucalyptus punctata</i>	Grey Gum	12.0	9.0	0.54	0.65	6.48	2.76	Mature	Fair	Average	Endemic		Medium (15-40 years)	Moderate	Sparse foliage, otherwise OK. Species endemic to area.	Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
331	1	<i>Brachychiton discolor</i>	Queensland Lacebark	8.0	6.0	0.46	0.61	5.52	2.69	Mature	Fair	Average	Native	Pest/Disease	Long (>40 years)	Moderate	Pest and disease affected, otherwise OK.	Within footprint of works.	Remove

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
332	1	<i>Hymenosporum flavum</i>	Native Frangipani	12.0	3.0	0.19	0.25	2.28	1.85	Mature	Fair	Average	Native	Lean-Minor, Very Asymmetric Form	Long (>40 years)	Moderate		Within footprint of works.	Remove
333	1	<i>Koelreuteria bipinnata</i>	Chinese Rain Tree	10.5	11.0	0.55	0.59	6.60	2.65	Mature	Good	Average	Exotic	Very Asymmetric Form	Long (>40 years)	Moderate		Within footprint of works.	Remove
334	1	<i>Acmena smithii?</i>	Lilly Pilly	12.0	3.0	0.30	0.35	3.60	2.13	Mature	Fair	Average	Native		Long (>40 years)	Moderate		Within footprint of works.	Remove
335	1	<i>Agonis flexuosa</i>	Willow Myrtle	8.5	4.0	0.28	0.42	3.36	2.30	Mature	Fair	Poor	Native		Short (5-15 years)	Nil / Remove	Extensively pruned. Poor form for species.	Poor quality tree. Recommend removal	Remove
336	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	23.5	12.0	0.77	0.87	9.24	3.12	Mature	Good	Average	Native		Long (>40 years)	High	Prominent and large tree.	Within footprint of works.	Remove
337	2	<i>Melaleuca bracteata</i>	Black Tea-Tree	8.0	4.0	0.26	0.50	3.12	2.47	Mature	Good	Average	Native		Medium (15-40 years)	Low		Within footprint of works.	Remove
338	1	<i>Melaleuca bracteata</i>	Black Tea-Tree	11.0	5.0	0.32	0.45	3.84	2.37	Mature	Good	Average	Native	Co-dominant Stems	Medium (15-40 years)	Low		Within footprint of works.	Remove
339	1	<i>Melaleuca bracteata</i>	Black Tea-Tree	7.0	6.0	0.33	0.37	3.96	2.18	Mature	Good	Average	Native	Co-dominant Stems	Medium (15-40 years)	Low		Within footprint of works.	Remove
340	1	<i>Melaleuca bracteata</i>	Black Tea-Tree	7.0	6.0	0.66	0.80	7.92	3.01	Mature	Good	Poor	Native	Co-dominant Stems, Inclusions, Decay-Minor, Root Impacts, Very Asymmetric Form	Medium (15-40 years)	Low	Excessively close to adjoining structure.	Within footprint of works.	Remove
341	1	<i>Agonis flexuosa</i>	Willow Myrtle	7.5	7.0	0.24	0.33	2.88	2.08	Mature	Good	Average	Native		Short (5-15 years)	Low		Within footprint of works.	Remove
342	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	17.5	10.0	0.60	0.76	7.20	2.95	Mature	Fair	Poor	Native	Lean-Minor, Very Asymmetric Form	Long (>40 years)	Low	Very end-weighted form over power lines. Would recommend removal as part of any master planning to the betterment of adjoining trees and risk of failures over power lines.	Within footprint of works.	Remove
343	1	<i>Corymbia citriodora</i>	Lemon Scented Gum	23.0	14.0	0.78	1.02	9.36	3.34	Mature	Good	Average	Native		Long (>40 years)	High	Prominent and large tree.	Within footprint of works.	Remove
344	1	<i>Koelreuteria bipinnata</i>	Chinese Rain Tree	11.0	12.0	0.42	0.48	5.04	2.43	Mature	Good	Average	Exotic	Very Asymmetric Form	Long (>40 years)	Moderate		Within footprint of works.	Remove
345	1	<i>Koelreuteria bipinnata</i>	Chinese Rain Tree	7.0	7.0	0.17	0.17	2.04	1.57	Mature	Good	Average	Exotic	Very Asymmetric Form	Long (>40 years)	Low		Within footprint of works.	Remove
346	1	<i>Eucalyptus robusta</i>	Swamp Mahogany	23.0	10.0	0.70	1.07	8.40	3.40	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	Moderate		Within footprint of works.	Remove
347	1	<i>Eucalyptus microcorys</i>	Tallowood	23.0	12.0	1.00	1.31	12.00	3.71	Mature	Good	Excellent	Native	Co-dominant Stems	Long (>40 years)	High	Prominent and large tree.	Within footprint of works.	Remove
348	1	<i>Eucalyptus robusta</i>	Swamp Mahogany	19.5	10.0	0.88	0.88	10.56	3.14	Mature	Fair	Average	Native	Co-dominant Stems	Long (>40 years)	Moderate	Prominent and large tree.	Within footprint of works.	Remove
349	1	<i>Callistemon viminalis cv.</i>	Weeping Bottlebrush	9.0	7.0	0.38	0.65	4.56	2.76	Mature	Good	Average	Native	Co-dominant Stems, Inclusions	Medium (15-40 years)	Low		Within footprint of works.	Remove
350	1	<i>Waterhousea floribunda</i>	Weeping Lilly Pilly	11.5	9.0	0.41	0.44	4.92	2.34	Mature	Good	Average	Native	Co-dominant Stems	Long (>40 years)	High	Good early mature tree.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
351	1	<i>Pinus halepensis</i>	Aleppo Pine	12.0	9.0	0.28	0.41	3.36	2.28	Senescent	Poor	Average	Exotic	Tip Dieback, Deadwood-Major	Short (5-15 years)	Low	Memorial tree planted in February 2001 (In celebration of Bess and Phil Haywood's Diamond Anniversary (60th))	Within footprint of works.	Remove
352	1	<i>Acmena smithii var. minor</i>	Small Leaf Lilly Pilly	6.5	5.0	0.21	0.24	2.52	1.82	Mature	Fair	Average	Native	Co-dominant Stems, Inclusions	Medium (15-40 years)	Low		Within footprint of works.	Remove
353	1	<i>Eucalyptus camaldulensis?</i>	River Red Gum	18.0	9.0	0.75	0.98	9.00	3.28	Mature	Poor	Average	Native	Deadwood-Minor, Cavity, Epicormic Growth	Medium (15-40 years)	Low	Minor hollows and spouts. Previous large branches pruned. Relatively sparse foliage.	Within footprint of works.	Remove
354	1	<i>Grevillea robusta</i>	Silky Oak	18.0	7.0	0.37	0.45	4.44	2.37	Mature	Fair	Poor	Invasive	Deadwood-Minor, Co-dominant Stems	Long (>40 years)	Low		Within footprint of works.	Remove
355	3	<i>Arbutus unedo</i>	Strawberry Tree	6.5	6.0	0.35	0.48	4.20	2.43	Mature	Good	Average	Exotic		Long (>40 years)	Low	Row of 3 along Epping Road frontage. Western most specimen largest and most dominant.	Within footprint of works.	Remove
356	3	<i>Acmena smithii var. minor</i>	Small Leaf Lilly Pilly	7.5	5.0	0.27	0.30	3.24	2.00	Mature	Fair	Poor	Native	Deadwood-Minor, Tip Dieback, Co-dominant Stems, Inclusions	Medium (15-40 years)	Low		Within footprint of works.	Remove
357	1	<i>Corymbia maculata</i>	Spotted Gum	19.5	10.0	0.57	0.70	6.84	2.85	Mature	Good	Excellent	Native		Long (>40 years)	High	Prominent and large tree.	Nil impacts expected.	Retain
358	1	<i>Corymbia maculata</i>	Spotted Gum	19.5	10.0	0.52	0.65	6.24	2.76	Mature	Good	Excellent	Native		Long (>40 years)	High	Prominent and large tree.	Nil impacts expected.	Retain
359	1	<i>Eucalyptus tessellaris</i>	Morton Bay Ash	7.0	4.0	0.20	0.25	2.40	1.85	Semi-mature	Good	Average	Native		Long (>40 years)	Low	Species from northern tablelands and Qld.	Within footprint of works.	Remove
360	1	<i>Fraxinus ornus</i>	Mana Ash	5.0	5.0	0.23	0.27	2.76	1.91	Mature	Good	Average	Exotic		Short (5-15 years)	Low		Within footprint of works.	Remove
361	1	<i>Chamaecyparis obtusa cv.</i>	Hinoki Cypress Cultivar	8.5	7.0	0.45	0.48	5.40	2.43	Mature	Good	Average	Exotic	Congested Branches, Co-dominant Stems	Medium (15-40 years)	Low		Within footprint of works.	Remove
362	1	<i>Callistemon viminalis cv.</i>	Weeping Bottlebrush	6.5	5.0	0.20	0.25	2.40	1.85	Mature	Fair	Poor	Native	Co-dominant Stems, Inclusions, Very Asymmetric Form	Medium (15-40 years)	Nil / Remove	Very suppressed by adjoining trees.	Poor quality tree. Recommend removal	Remove
363	1	<i>Corymbia maculata</i>	Spotted Gum	21.5	10.0	0.79	0.98	9.48	3.28	Mature	Good	Excellent	Native		Long (>40 years)	High	Prominent and large tree.	Nil impacts expected.	Retain
364	1	<i>Corymbia maculata</i>	Spotted Gum	21.5	10.0	0.89	1.16	10.68	3.52	Mature	Good	Excellent	Native		Long (>40 years)	High	Prominent and large tree.	Nil impacts expected for Stage 1 works. The Master Plan, however, assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
365	1	<i>Corymbia maculata</i>	Spotted Gum	19.5	9.0	0.74	1.05	8.88	3.38	Mature	Fair	Average	Native	Deadwood-Minor, Pest/Disease	Long (>40 years)	Moderate	Some wounding and bark dysfunction on northern side of trunk from ground to 3.0m. Suspected borer. Prominent and large tree.	Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. The Master Plan assumes and requires this tree to be removed as it is within the footprint of works.	Retain - Stage 1 only (removed in Master Plan)
366	1	<i>Jacaranda mimosifolia</i>	Jacaranda	18.0	9.0	0.50	0.52	6.00	2.51	Mature	Good	Average	Exotic	Co-dominant Stems	Long (>40 years)	Moderate		Nil impacts expected.	Retain
367	1	<i>Eucalyptus camaldulensis?</i>	River Red Gum	18.0	9.0	0.59	0.71	7.08	2.87	Mature	Poor	Average	Native	Deadwood-Minor, Branch Tearouts, Cavity	Medium (15-40 years)	Low	Minor hollows and spouts.	Within footprint of works.	Remove
368	1	<i>Pittosporum tenuifolium</i>	Variegated Pittosporum	7.0	3.0	0.20	0.23	2.40	1.79	Mature	Good	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within footprint of works.	Remove
369	1	<i>Magnolia x soulangeana</i>	Magnolia	7.0	8.0	0.31	0.45	3.72	2.37	Mature	Fair	Average	Exotic	Co-dominant Stems	Medium (15-40 years)	Low		Within footprint of works.	Remove
370	1	<i>Corymbia maculata</i>	Spotted Gum	23.5	11.0	0.78	0.94	9.36	3.22	Mature	Good	Average	Native		Long (>40 years)	High	Prominent and large tree.	Minor incursion of 4% expected to the western side of the tree resulting from the excavation required to construct one of the new tower developments. Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.	Retain
371	1	<i>Corymbia maculata</i>	Spotted Gum	25.0	10.0	0.97	1.22	11.64	3.60	Mature	Good	Average	Native		Long (>40 years)	High	Prominent and large tree.	Minor incursion of 6% expected to the north western side of the tree resulting from the excavation required to construct one of the new tower developments. Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.	Retain
372	1	<i>Callistemon viminalis cv.</i>	Weeping Bottlebrush	7.0	7.0	0.41	0.45	4.92	2.37	Mature	Good	Average	Native	Co-dominant Stems, Inclusions	Medium (15-40 years)	Low		Surface impacts are to be managed during Stage 1 works through the careful demolition of existing buildings and structures. No additional impacts expected for the construction of the Master Plan.	Retain
373	1	<i>Ceratopetalum gummiferum</i>	New South Wales Christmas Bush	5.5	3.0	0.22	0.22	2.64	1.75	Mature	Good	Average	Endemic	Co-dominant Stems	Medium (15-40 years)	Low		Within footprint of works.	Remove
374	1	<i>Lophostemon confertus</i>	Brush Box	12.0	7.0	0.45	0.53	5.40	2.53	Mature	Good	Average	Native	Co-dominant Stems	Long (>40 years)	High	Neighbouring property tree.	Nil impacts expected.	Retain
375	1	<i>Eucalyptus tereticornis</i>	Forest Red Gum	13.5	4.0	0.15	0.26	2.00	1.88	Semi-mature	Good	Average	Endemic	Co-dominant Stems	Long (>40 years)	Moderate		Nil impacts expected.	Retain
376	1	<i>Cupressus macrocarpa cv.</i>	Monterey Cypress	12.0	8.0	0.48	0.48	5.76	2.43	Mature	Good	Average	Exotic		Medium (15-40 years)	Moderate		Nil impacts expected.	Retain
377	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	12.0	8.0	0.32	0.35	3.84	2.13	Mature	Poor	Average	Native	Very Asymmetric Form, Tip Dieback	Medium (15-40 years)	Low	Significant dieback.	Nil impacts expected.	Retain
378	1	<i>Eucalyptus tereticornis</i>	Forest Red Gum	11.0	3.0	0.13	0.20	2.00	1.68	Semi-mature	Good	Average	Endemic	Co-dominant Stems	Long (>40 years)	Moderate		Nil impacts expected.	Retain
379	1	<i>Ulmus procera</i>	English Elm	11.0	8.0	0.45	0.60	5.40	2.67	Over-mature	Poor	Average	Exotic	Co-dominant Stems, Very Asymmetric Form, Tip Dieback	Short (5-15 years)	Low		Nil impacts expected.	Retain

Tree ID	Trees in Group	Tree Species	Common Name	Height (m)	Spread Average (m)	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dgl) (m)	Nominal TPZ radius (m) 12xdbh (AS 4970)	Nominal SRZ radius (m) (AS 4970)	Age Class	Current Vigour	Current Form	Tree Origin	Noted Defects	SULE Rating	Retention Value	General Comments and Notes	Incursion and Impact	Recommendation
380	1	<i>Eucalyptus microcorys</i>	Tallowood	19.5	10.0	0.60	0.77	7.20	2.97	Mature	Good	Excellent	Native	Co-dominant Stems, Inclusions	Long (>40 years)	High	On university site. 4.6m from boundary. Part of a closely spaced group of 3. 3.7m to east of 381.	Minor incursion of 2% expected to the southern side of the tree for the regrading and construction impacts required to install the new internal roadway.	Retain
381	1	<i>Eucalyptus microcorys</i>	Tallowood	19.5	10.0	0.69	0.94	8.28	3.22	Mature	Good	Excellent	Native		Long (>40 years)	High	On university site. 4.6m from boundary. Part of a closely spaced group of 3.	Minor incursion of 6% expected to the southern side of the tree for the regrading and construction impacts required to install the new internal roadway.	Retain
382	1	<i>Eucalyptus microcorys</i>	Tallowood	19.5	10.0	0.67	0.95	8.04	3.24	Mature	Good	Excellent	Native	Deadwood-Major	Long (>40 years)	High	On university site. 7.9m from boundary. Part of a closely spaced group of 3. In centre of triangle of trees 3.7m to north of others.	Nil impacts expected.	Retain
383	1	<i>Eucalyptus microcorys</i>	Tallowood	12.0	10.0	0.62	0.74	7.44	2.92	Mature	Fair	Average	Native	Co-dominant Stems, Very Asymmetric Form	Long (>40 years)	Moderate	On university site. 4.6m from boundary fence. Part of a closely spaced group of 2. Canopy overhangs boundary fence by 4m.	Minor incursion of 2% expected to the southern side of the tree for the regrading and construction impacts required to install the new internal roadway.	Retain
384	1	<i>Eucalyptus microcorys</i>	Tallowood	20.0	10.0	0.77	1.02	9.24	3.34	Mature	Good	Excellent	Native		Long (>40 years)	High	On university site. 7.6m from boundary fence.	Nil impacts expected.	Retain
385	1	<i>Eucalyptus tereticornis</i>	Forest Red Gum	18.0	10.0	0.51	0.62	6.12	2.71	Mature	Good	Average	Endemic	Co-dominant Stems	Long (>40 years)	High	On adjoining site. Approximately 6.0m from boundary.	Nil impacts expected.	Retain
386	1	<i>Eucalyptus grandis</i>	Flooded Gum	21.0	12.0	0.67	1.03	8.04	3.35	Mature	Fair	Average	Native	Co-dominant Stems, Tip Dieback, Deadwood-Minor	Long (>40 years)	High	On university site. Approximatley 9.0m from boundary.	Nil impacts expected.	Retain
387	1	<i>Eucalyptus grandis</i>	Flooded Gum	24.0	12.0	0.51	0.63	6.12	2.73	Mature	Fair	Average	Native	Tip Dieback, Deadwood-Minor	Long (>40 years)	High	On university site. Approximately 7.8m from boundary. Major roots observed towards site.	Nil impacts expected.	Retain
388	1	<i>Eucalyptus grandis</i>	Flooded Gum	22.0	9.0	0.48	0.56	5.76	2.59	Mature	Fair	Average	Native		Long (>40 years)	High	On university site. 5.9m from boundary. Retaining wall on boundary, root unlikely to be past wall.	Nil impacts expected.	Retain
389	1	<i>Eucalyptus grandis</i>	Flooded Gum	23.0	12.0	0.64	0.78	7.68	2.98	Mature	Fair	Average	Native		Long (>40 years)	High	On university site. 5.6m from boundary. Retaining wall on boundary, root unlikely to be past wall.	Nil impacts expected.	Retain
390	1	<i>Eucalyptus grandis</i>	Flooded Gum	17.0	8.0	0.41	0.55	4.92	2.57	Mature	Fair	Average	Native	Very Asymmetric Form	Long (>40 years)	High	On university site. 4.6m from boundary. Retaining wall on boundary, root unlikely to be past wall.	Nil impacts expected.	Retain
391	1	<i>Lophostemon confertus</i>	Brush Box	13.0	9.0	0.47	0.54	5.64	2.55	Mature	Fair	Average	Native		Long (>40 years)	High	On university site. 5.1m from boundary. Retaining wall on boundary, root unlikely to be past wall.	Nil impacts expected.	Retain

4.3 Tree Data Summary Sheets

ID # 01

Species: *Eucalyptus grandis*

Common: Flooded Gum

No. in Group 1

Height (m): 22.0

DBH (m): 0.44 DGL (m): 0.63

TPZ (m): 5.28 SRZ (m): 2.73

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 05

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.57 DGL (m): 0.73

TPZ (m): 6.84 SRZ (m): 2.9

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate

ID # 02

Species: *Eucalyptus grandis*

Common: Flooded Gum

No. in Group 1

Height (m): 25.0

DBH (m): 0.49 DGL (m): 0.79

TPZ (m): 5.88 SRZ (m): 3

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 06

Species: *Syzygium paniculatum*

Common: Magenta Cherry

No. in Group 1

Height (m): 6.0

DBH (m): 0.22 DGL (m): 0.30

TPZ (m): 2.64 SRZ (m): 2

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 03

Species: *Eucalyptus grandis*

Common: Flooded Gum

No. in Group 1

Height (m): 24.0

DBH (m): 0.74 DGL (m): 0.93

TPZ (m): 8.88 SRZ (m): 3.21

Current Form: Excellent

Current Vigour: Excellent

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 07

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 23.0

DBH (m): 0.78 DGL (m): 0.96

TPZ (m): 9.36 SRZ (m): 3.25

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 04

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 19.50

DBH (m): 0.72 DGL (m): 0.94

TPZ (m): 8.64 SRZ (m): 3.22

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate

ID # 08

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 17.50

DBH (m): 0.45 DGL (m): 0.60

TPZ (m): 5.4 SRZ (m): 2.67

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 09

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 3.0

DBH (m): 0.61 DGL (m): 0.79

TPZ (m): 7.32 SRZ (m): 3

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 13

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 12.0

DBH (m): 0.54 DGL (m): 0.62

TPZ (m): 6.48 SRZ (m): 2.71

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 10

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 8.0

DBH (m): 0.31 DGL (m): 0.45

TPZ (m): 3.72 SRZ (m): 2.37

Current Form: Average

Current Vigour: Fair

Age Class: Semi-mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 14

Species: *Callistemon viminalis* cv.

Common: Weeping Bottlebrush

No. in Group 1

Height (m): 6.0

DBH (m): 0.31 DGL (m): 0.42

TPZ (m): 3.72 SRZ (m): 2.3

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 11

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1

Height (m): 17.0

DBH (m): 0.83 DGL (m): 0.93

TPZ (m): 9.96 SRZ (m): 3.21

Current Form: Average

Current Vigour: Excellent

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 15

Species: *Tibouchina lepidota*

Common: Lasiandra

No. in Group 1

Height (m): 6.0

DBH (m): 0.35 DGL (m): 0.50

TPZ (m): 4.2 SRZ (m): 2.47

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 12

Species: *Prunus cerasifera* 'Nigra'

Common: Purple-leaved Cherry-plum

No. in Group 1

Height (m): 6.0

DBH (m): 0.13 DGL (m): 0.16

TPZ (m): 2 SRZ (m): 1.53

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 16

Species: *Lophostemon confertus*

Common: Brush Box

No. in Group 1

Height (m): 12.0

DBH (m): 0.55 DGL (m): 0.58

TPZ (m): 6.6 SRZ (m): 2.63

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 17

Species: *Magnolia grandiflora*

Common: American Bull Bay Magnolia

No. in Group 1

Height (m): 5.0

DBH (m): 0.15 DGL (m): 0.23

TPZ (m): 2 SRZ (m): 1.79

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 21

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 9.50

DBH (m): 0.30 DGL (m): 0.34

TPZ (m): 3.6 SRZ (m): 2.1

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 18

Species: *Elaeocarpus reticulatus*

Common: Blueberry Ash

No. in Group 1

Height (m): 7.50

DBH (m): 0.12 DGL (m): 0.14

TPZ (m): 2 SRZ (m): 1.5

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 22

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 8.0

DBH (m): 0.23 DGL (m): 0.29

TPZ (m): 2.76 SRZ (m): 1.97

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 19

Species: *Elaeocarpus reticulatus*

Common: Blueberry Ash

No. in Group 1

Height (m): 7.50

DBH (m): 0.11 DGL (m): 0.13

TPZ (m): 2 SRZ (m): 1.5

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 23

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 3

Height (m): 4.50

DBH (m): 0.13 DGL (m): 0.15

TPZ (m): 2 SRZ (m): 1.5

Current Form: Average

Current Vigour: Fair

Age Class: Semi-mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 20

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 8.0

DBH (m): 0.27 DGL (m): 0.34

TPZ (m): 3.24 SRZ (m): 2.1

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 24

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 7.50

DBH (m): 0.25 DGL (m): 0.31

TPZ (m): 3 SRZ (m): 2.02

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 25

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 12.50
DBH (m): 0.76 DGL (m): 0.76
TPZ (m): 9.12 SRZ (m): 2.95

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 29

Species: *Thuja orientalis* cv.

Common: Chinese Arborvitae

No. in Group 1
Height (m): 6.0
DBH (m): 0.28 DGL (m): 0.30
TPZ (m): 3.36 SRZ (m): 2

Current Form: Excellent
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 26

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 13.50
DBH (m): 0.55 DGL (m): 0.75
TPZ (m): 6.6 SRZ (m): 2.93

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 30

Species: *Plumeria rubra*

Common: Frangipani

No. in Group 1
Height (m): 6.0
DBH (m): 0.21 DGL (m): 0.28
TPZ (m): 2.52 SRZ (m): 1.94

Current Form: Poor
Current Vigour: Fair
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Low


ID # 27

Species: *Acer negundo*

Common: Box Elder

No. in Group 1
Height (m): 6.0
DBH (m): 0.21 DGL (m): 0.26
TPZ (m): 2.52 SRZ (m): 1.88

Current Form: Poor
Current Vigour: Fair
Age Class: Mature
ULE: Remove (<5 years)

Retention Value: Nil / Remove


ID # 31

Species: *Cryptomeria japonica* cv.

Common: Japanese Cedar

No. in Group 1
Height (m): 9.0
DBH (m): 0.37 DGL (m): 0.45
TPZ (m): 4.44 SRZ (m): 2.37

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 28

Species: *Callistemon viminalis* cv.

Common: Weeping Bottlebrush

No. in Group 1
Height (m): 6.50
DBH (m): 0.14 DGL (m): 0.20
TPZ (m): 2 SRZ (m): 1.68

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Low


ID # 32

Species: *Eucalyptus microcorys*

Common: Tallowood

No. in Group 1
Height (m): 18.0
DBH (m): 1.07 DGL (m): 1.16
TPZ (m): 12.84 SRZ (m): 3.52

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate



ID # 33

Species: *Lophostemon confertus*

Common: Brush Box

No. in Group 1

Height (m): 14.0

DBH (m): 0.67 DGL (m): 0.89

TPZ (m): 8.04 SRZ (m): 3.15

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 37

Species: *Cinnamomum camphora*

Common: Camphor Laurel

No. in Group 1

Height (m): 16.0

DBH (m): 1.27 DGL (m): 1.27

TPZ (m): 15 SRZ (m): 3.66

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 34

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 16.0

DBH (m): 0.68 DGL (m): 0.73

TPZ (m): 8.16 SRZ (m): 2.9

Current Form: Excellent

Current Vigour: Excellent

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 38

Species: *Cinnamomum camphora*

Common: Camphor Laurel

No. in Group 1

Height (m): 15.50

DBH (m): 1.25 DGL (m): 1.40

TPZ (m): 15 SRZ (m): 3.81

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 35

Species: *Ulmus glabra* 'Lutescens'

Common: Golden Elm

No. in Group 1

Height (m): 10.0

DBH (m): 0.75 DGL (m): 0.96

TPZ (m): 9 SRZ (m): 3.25

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 39

Species: *Ulmus minor* 'Variegata'

Common: Smooth-leaved Elm

No. in Group 1

Height (m): 19.0

DBH (m): 0.89 DGL (m): 0.93

TPZ (m): 10.68 SRZ (m): 3.21

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: High


ID # 36

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 9.50

DBH (m): 0.50 DGL (m): 0.60

TPZ (m): 6 SRZ (m): 2.67

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 40

Species: *Cupressus sempervirens* 'Swanes

Common: Swanes Golden Pencil Pine

No. in Group 1

Height (m): 8.0

DBH (m): 0.24 DGL (m): 0.34

TPZ (m): 2.88 SRZ (m): 2.1

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 41

Species: *Angophora costata*

Common: Smooth-barked Apple

No. in Group 1

Height (m): 15.0

DBH (m): 0.43 DGL (m): 0.56

TPZ (m): 5.16 SRZ (m): 2.59

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 45

Species: *Cedrus deodara*

Common: Himalayan Cedar

No. in Group 1

Height (m): 14.50

DBH (m): 0.68 DGL (m): 0.82

TPZ (m): 8.16 SRZ (m): 3.04

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 42

Species: *Lophostemon confertus*

Common: Brush Box

No. in Group 1

Height (m): 14.50

DBH (m): 0.75 DGL (m): 0.80

TPZ (m): 9 SRZ (m): 3.01

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 46

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 8.50

DBH (m): 0.35 DGL (m): 0.52

TPZ (m): 4.2 SRZ (m): 2.51

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 43

Species: *Syzygium paniculatum*

Common: Magenta Cherry

No. in Group 1

Height (m): 14.50

DBH (m): 0.73 DGL (m): 0.80

TPZ (m): 8.76 SRZ (m): 3.01

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 47

Species: *Michelia figo*

Common: Port-Wine Magnolia

No. in Group 1

Height (m): 4.50

DBH (m): 0.25 DGL (m): 0.42

TPZ (m): 3 SRZ (m): 2.3

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 44

Species: *Ulmus glabra 'Lutescens'*

Common: Golden Elm

No. in Group 1

Height (m): 11.0

DBH (m): 0.83 DGL (m): 1.07

TPZ (m): 9.96 SRZ (m): 3.4

Current Form: Poor

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 48

Species: *Magnolia grandiflora*

Common: American Bull Bay Magnolia

No. in Group 1

Height (m): 6.0

DBH (m): 0.23 DGL (m): 0.29

TPZ (m): 2.76 SRZ (m): 1.97

Current Form: Average

Current Vigour: Poor

Age Class: Over-mature

ULE: Short (5-15 years)

Retention Value: Low



ID # 49

Species: *Viburnum tinus*

Common: Laurustinus

No. in Group 1

Height (m): 5.0

DBH (m): 0.40 DGL (m): 0.70

TPZ (m): 4.8 SRZ (m): 2.85

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 53

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 14.50

DBH (m): 0.75 DGL (m): 0.80

TPZ (m): 9 SRZ (m): 3.01

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 50

Species: *Afrocarpus falcatus*

Common: Outeniqua Yellow-wood

No. in Group 1

Height (m): 10.50

DBH (m): 0.81 DGL (m): 0.90

TPZ (m): 9.72 SRZ (m): 3.17

Current Form: Excellent

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 54

Species: *Syzygium luehmannii*

Common: Small Leaf Lilly Pilly

No. in Group 1

Height (m): 7.50

DBH (m): 0.18 DGL (m): 0.22

TPZ (m): 2.16 SRZ (m): 1.75

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 51

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 8.0

DBH (m): 0.26 DGL (m): 0.37

TPZ (m): 3.12 SRZ (m): 2.18

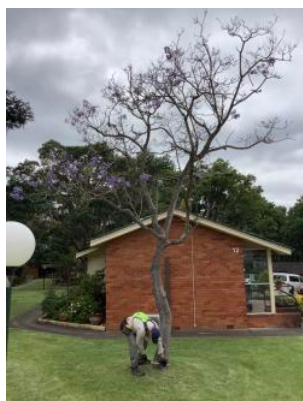
Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 55

Species: *Prunus* sp.

Common: Plum

No. in Group 1

Height (m): 6.0

DBH (m): 0.17 DGL (m): 0.20

TPZ (m): 2.04 SRZ (m): 1.68

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 52

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 1

Height (m): 8.50

DBH (m): 0.33 DGL (m): 0.41

TPZ (m): 3.96 SRZ (m): 2.28

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 56

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 10.5

DBH (m): 0.49 DGL (m): 0.52

TPZ (m): 5.88 SRZ (m): 2.51

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 57

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 17.0
DBH (m): 0.64 DGL (m): 0.80
TPZ (m): 7.68 SRZ (m): 3.01

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 61

Species: *Ulmus procera*

Common: English Elm

No. in Group 1
Height (m): 9.5
DBH (m): 0.50 DGL (m): 0.61
TPZ (m): 6 SRZ (m): 2.69

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 58

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 18.0
DBH (m): 0.68 DGL (m): 0.83
TPZ (m): 8.16 SRZ (m): 3.06

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 62

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1
Height (m): 18.5
DBH (m): 0.68 DGL (m): 0.88
TPZ (m): 8.16 SRZ (m): 3.14

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: High


ID # 59

Species: *Callistemon citrinus* cv.

Common: Crimson Bottlebrush

No. in Group 4
Height (m): 8.00
DBH (m): 0.20 DGL (m): 0.24
TPZ (m): 2.4 SRZ (m): 1.82

Current Form: Average
Current Vigour: Fair
Age Class: Over-mature
ULE: Short (5-15 years)

Retention Value: Low


ID # 63

Species: *Araucaria heterophylla*

Common: Norfolk Island Pine

No. in Group 1
Height (m): 17.0
DBH (m): 0.48 DGL (m): 0.61
TPZ (m): 5.76 SRZ (m): 2.69

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 60

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 17.0
DBH (m): 0.66 DGL (m): 0.92
TPZ (m): 7.92 SRZ (m): 3.2

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 64

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1
Height (m): 9.5
DBH (m): 0.31 DGL (m): 0.44
TPZ (m): 3.72 SRZ (m): 2.34

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate



ID # 65

Species: *Malus sp. Hybrid cv.*

Common: Crabapple

No. in Group 1
Height (m): 5.0
DBH (m): 0.25 DGL (m): 0.40
TPZ (m): 3 SRZ (m): 2.25
Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Low


ID # 69

Species: *Stenocarpus sinuatus*

Common: Queensland Firewheel Tree

No. in Group 1
Height (m): 6.0
DBH (m): 0.19 DGL (m): 0.27
TPZ (m): 2.28 SRZ (m): 1.91
Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 66

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1
Height (m): 12.5
DBH (m): 0.40 DGL (m): 0.53
TPZ (m): 4.8 SRZ (m): 2.53
Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 70

Species: *Syncarpia glomulifera*

Common: Turpentine

No. in Group 1
Height (m): 10.0
DBH (m): 0.61 DGL (m): 0.76
TPZ (m): 7.32 SRZ (m): 2.95
Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: High


ID # 67

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 17.0
DBH (m): 0.83 DGL (m): 1.03
TPZ (m): 9.96 SRZ (m): 3.35
Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 71

Species: *Eucalyptus resinifera*

Common: Red Mahogany

No. in Group 1
Height (m): 9.5
DBH (m): 0.94 DGL (m): 1.02
TPZ (m): 11.28 SRZ (m): 3.34
Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 68

Species: *Acacia melanoxylon*

Common: Blackwood

No. in Group 1
Height (m): 12.0
DBH (m): 0.74 DGL (m): 0.85
TPZ (m): 8.88 SRZ (m): 3.09
Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 72

Species: *Tibouchina lepidota*

Common: Lasiandra

No. in Group 1
Height (m): 9.5
DBH (m): 0.40 DGL (m): 0.52
TPZ (m): 4.8 SRZ (m): 2.51
Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 73

Species: *Magnolia x soulangiana*

Common: Magnolia

No. in Group 1

Height (m): 9.5

DBH (m): 0.30 DGL (m): 0.43

TPZ (m): 3.6 SRZ (m): 2.32

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 77

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 18.0

DBH (m): 0.57 DGL (m): 0.76

TPZ (m): 6.84 SRZ (m): 2.95

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 74

Species: *Stenocarpus sinuatus*

Common: Queensland Firewheel Tree

No. in Group 1

Height (m): 8.50

DBH (m): 0.24 DGL (m): 0.31

TPZ (m): 2.88 SRZ (m): 2.02

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 78

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.48 DGL (m): 0.6

TPZ (m): 5.76 SRZ (m): 2.67

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 75

Species: *Angophora costata*

Common: Smooth-barked Apple

No. in Group 3

Height (m): 7.5

DBH (m): 0.18 DGL (m): 0.22

TPZ (m): 2.16 SRZ (m): 1.75

Current Form: Average

Current Vigour: Fair

Age Class: Semi-mature

ULE: Long (>40 years)

Retention Value: Low


ID # 79

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1

Height (m): 18.5

DBH (m): 0.78 DGL (m): 0.91

TPZ (m): 9.36 SRZ (m): 3.18

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 76

Species: *Eucalyptus saligna*

Common: Sydney Blue Gum

No. in Group 1

Height (m): 9.5

DBH (m): 1.10 DGL (m): 1.25

TPZ (m): 13.2 SRZ (m): 3.63

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 80

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1

Height (m): 18.5

DBH (m): 0.71 DGL (m): 0.91

TPZ (m): 8.52 SRZ (m): 3.18

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 81

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1

Height (m): 18.5

DBH (m): 0.52 DGL (m): 0.65

TPZ (m): 6.24 SRZ (m): 2.76

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 85

Species: *Malus sp. Hybrid cv.*

Common: Crabapple

No. in Group 1

Height (m): 6.0

DBH (m): 0.15 DGL (m): 0.19

TPZ (m): 2 SRZ (m): 1.65

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 82

Species: *Populus deltoides*

Common: American Cottonwood

No. in Group 1

Height (m): 23.5

DBH (m): 1.08 DGL (m): 1.26

TPZ (m): 12.96 SRZ (m): 3.65

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 86

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 1

Height (m): 10.5

DBH (m): 0.41 DGL (m): 0.56

TPZ (m): 4.92 SRZ (m): 2.59

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 83

Species: *Populus deltoides*

Common: American Cottonwood

No. in Group 1

Height (m): 22.0

DBH (m): 0.84 DGL (m): 0.95

TPZ (m): 10.08 SRZ (m): 3.24

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 87

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 18.5

DBH (m): 0.95 DGL (m): 1.25

TPZ (m): 11.4 SRZ (m): 3.63

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High



ID # 84

Species: *Populus deltoides*

Common: American Cottonwood

No. in Group 1

Height (m): 22.0

DBH (m): 0.92 DGL (m): 0.98

TPZ (m): 11.04 SRZ (m): 3.28

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 88

Species: *Acmena smithii*

Common: Lilly Pilly

No. in Group 6

Height (m): 18.5

DBH (m): 0.33 DGL (m): 0.33

TPZ (m): 3.96 SRZ (m): 2.08

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 89

Species: *Pittosporum undulatum*

Common: Sweet Pittosporum

No. in Group 1

Height (m): 12.0

DBH (m): 0.44 DGL (m): 0.54

TPZ (m): 5.28 SRZ (m): 2.55

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 93

Species: *Tibouchina lepidota*

Common: Lasiandra

No. in Group 1

Height (m): 5.0

DBH (m): 0.40 DGL (m): 0.65

TPZ (m): 4.8 SRZ (m): 2.76

Current Form: Poor

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 90

Species: *Ceratopetalum gummiferum*

Common: New South Wales Christmas Bush

No. in Group 1

Height (m): 9.50

DBH (m): 0.28 DGL (m): 0.39

TPZ (m): 3.36 SRZ (m): 2.23

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 94

Species: *Robinia pseudoacacia 'Frisia'*

Common: Golden Robinia

No. in Group 1

Height (m): 5.0

DBH (m): 0.19 DGL (m): 0.19

TPZ (m): 2.28 SRZ (m): 1.65

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Nil / Remove


ID # 91

Species: *Tibouchina lepidota*

Common: Lasiandra

No. in Group 1

Height (m): 6.5

DBH (m): 0.44 DGL (m): 0.55

TPZ (m): 5.28 SRZ (m): 2.57

Current Form: Average

Current Vigour: Poor

Age Class: Over-mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 95

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 16.5

DBH (m): 0.88 DGL (m): 0.80

TPZ (m): 10.56 SRZ (m): 3.01

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 92

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1

Height (m): 15.5

DBH (m): 0.86 DGL (m): 0.96

TPZ (m): 10.32 SRZ (m): 3.25

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 96

Species: *Lophostemon confertus*

Common: Brush Box

No. in Group 1

Height (m): 17.50

DBH (m): 0.81 DGL (m): 0.92

TPZ (m): 9.72 SRZ (m): 3.2

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High



ID # 97

Species: *Chamaecyparis obtusa* cv.

Common: Hinoki Cypress Cultivar

No. in Group 1

Height (m): 13.0

DBH (m): 0.61 DGL (m): 0.61

TPZ (m): 7.32 SRZ (m): 2.69

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 101

Species: *Euc* sp.

Common: Gum

No. in Group 1

Height (m): 5.0

DBH (m): 0.05 DGL (m): 0.07

TPZ (m): 2 SRZ (m): 1.5

Current Form: Poor

Current Vigour: Poor

Age Class: Semi-mature

ULE: Replaceable

Retention Value: Low



ID # 98

Species: *Lophostemon confertus*

Common: Brush Box

No. in Group 1

Height (m): 9.5

DBH (m): 0.12 DGL (m): 0.17

TPZ (m): 2 SRZ (m): 1.57

Current Form: Average

Current Vigour: Good

Age Class: Semi-mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 102

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 14.5

DBH (m): 0.65 DGL (m): 0.70

TPZ (m): 7.8 SRZ (m): 2.85

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 99

Species: *Lophostemon confertus*

Common: Brush Box

No. in Group 1

Height (m): 10.0

DBH (m): 0.13 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Average

Current Vigour: Good

Age Class: Semi-mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 103

Species: *Gleditsia triacanthos* 'Shademaster'

Common: Green Honey Locust

No. in Group 1

Height (m): 6.5

DBH (m): 0.15 DGL (m): 0.30

TPZ (m): 2 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 100

Species: *Eucalyptus tereticornis*?

Common: Forest Red Gum

No. in Group 1

Height (m): 10.0

DBH (m): 0.14 DGL (m): 0.19

TPZ (m): 2 SRZ (m): 1.65

Current Form: Average

Current Vigour: Good

Age Class: Semi-mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 104

Species: *Gleditsia triacanthos* 'Shademaster'

Common: Green Honey Locust

No. in Group 1

Height (m): 7.0

DBH (m): 0.15 DGL (m): 0.22

TPZ (m): 2 SRZ (m): 1.75

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 105

Species: *Gleditsia triacanthos* 'Shademaster'

Common: Green Honey Locust

No. in Group 1

Height (m): 7.0

DBH (m): 0.14 DGL (m): 0.22

TPZ (m): 2 SRZ (m): 1.75

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 109

Species: *Euc.* sp.

Common: Gum

No. in Group 1

Height (m): 5.0

DBH (m): 0.05 DGL (m): 0.10

TPZ (m): 2 SRZ (m): 1.5

Current Form: Average

Current Vigour: Good

Age Class: Semi-mature

ULE: Replaceable

Retention Value: Low


ID # 106

Species: *Gleditsia triacanthos* 'Shademaster'

Common: Green Honey Locust

No. in Group 1

Height (m): 6.0

DBH (m): 0.13 DGL (m): 0.17

TPZ (m): 2 SRZ (m): 1.57

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 110

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 9.5

DBH (m): 0.20 DGL (m): 0.28

TPZ (m): 2.4 SRZ (m): 1.94

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 107

Species: *Gleditsia triacanthos* 'Shademaster'

Common: Green Honey Locust

No. in Group 1

Height (m): 8.0

DBH (m): 0.22 DGL (m): 0.30

TPZ (m): 2.64 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 111

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 9.5

DBH (m): 0.20 DGL (m): 0.30

TPZ (m): 2.4 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 108

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1

Height (m): 5.5

DBH (m): 0.14 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Average

Current Vigour: Poor

Age Class: Semi-mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 112

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 9.5

DBH (m): 0.13 DGL (m): 0.19

TPZ (m): 2 SRZ (m): 1.65

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 113

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 4

Height (m): 8.5

DBH (m): 0.12 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 117

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 10.5

DBH (m): 0.25 DGL (m): 0.40

TPZ (m): 3 SRZ (m): 2.25

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 114

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 9.5

DBH (m): 0.15 DGL (m): 0.25

TPZ (m): 2 SRZ (m): 1.85

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 118

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 5

Height (m): 8.5

DBH (m): 0.11 DGL (m): 0.16

TPZ (m): 2 SRZ (m): 1.53

Current Form: Suppressed

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 115

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 11.5

DBH (m): 0.22 DGL (m): 0.35

TPZ (m): 2.64 SRZ (m): 2.13

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 119

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 8.5

DBH (m): 0.07 DGL (m): 0.10

TPZ (m): 2 SRZ (m): 1.5

Current Form: Suppressed

Current Vigour: Fair

Age Class: Mature

ULE: Replaceable

Retention Value: Low


ID # 116

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 8.0

DBH (m): 0.11 DGL (m): 0.17

TPZ (m): 2 SRZ (m): 1.57

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 120

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 11.0

DBH (m): 0.26 DGL (m): 0.35

TPZ (m): 3.12 SRZ (m): 2.13

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 121

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 9.0

DBH (m): 0.24 DGL (m): 0.30

TPZ (m): 2.88 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 125

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 9.5

DBH (m): 0.15 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 122

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 12.5

DBH (m): 0.30 DGL (m): 0.39

TPZ (m): 3.6 SRZ (m): 2.23

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 126

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.42 DGL (m): 0.52

TPZ (m): 5.04 SRZ (m): 2.51

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 123

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 11.0

DBH (m): 0.22 DGL (m): 0.30

TPZ (m): 2.64 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 127

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.24 DGL (m): 0.30

TPZ (m): 2.88 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 124

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 13.0

DBH (m): 0.19 DGL (m): 0.26

TPZ (m): 2.28 SRZ (m): 1.88

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 128

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.23 DGL (m): 0.31

TPZ (m): 2.76 SRZ (m): 2.02

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 129

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 10.0

DBH (m): 0.16 DGL (m): 0.22

TPZ (m): 2 SRZ (m): 1.75

Current Form: Suppressed

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 133

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.23 DGL (m): 0.30

TPZ (m): 2.76 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 130

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 9.0

DBH (m): 0.10 DGL (m): 0.15

TPZ (m): 2 SRZ (m): 1.5

Current Form: Suppressed

Current Vigour: Poor

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 134

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.25 DGL (m): 0.32

TPZ (m): 3 SRZ (m): 2.05

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 131

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.25 DGL (m): 0.32

TPZ (m): 3 SRZ (m): 2.05

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 135

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 14.0

DBH (m): 0.23 DGL (m): 0.29

TPZ (m): 2.76 SRZ (m): 1.97

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 132

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 10.0

DBH (m): 0.15 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Suppressed

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 136

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 13.0

DBH (m): 0.23 DGL (m): 0.30

TPZ (m): 2.76 SRZ (m): 2

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 137

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 9.0

DBH (m): 0.18 DGL (m): 0.22

TPZ (m): 2.16 SRZ (m): 1.75

Current Form: Suppressed

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 141

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 8.5

DBH (m): 0.17 DGL (m): 0.24

TPZ (m): 2.04 SRZ (m): 1.82

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 138

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 14.0

DBH (m): 0.21 DGL (m): 0.25

TPZ (m): 2.52 SRZ (m): 1.85

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 142

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 8.5

DBH (m): 0.15 DGL (m): 0.24

TPZ (m): 2 SRZ (m): 1.82

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 139

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 11.0

DBH (m): 0.18 DGL (m): 0.23

TPZ (m): 2.16 SRZ (m): 1.79

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 143

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 13.0

DBH (m): 0.26 DGL (m): 0.33

TPZ (m): 3.12 SRZ (m): 2.08

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 140

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.5

DBH (m): 0.32 DGL (m): 0.39

TPZ (m): 3.84 SRZ (m): 2.23

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 144

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 14.5

DBH (m): 0.33 DGL (m): 0.40

TPZ (m): 3.96 SRZ (m): 2.25

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low



ID # 145

Species: *Gleditsia triacanthos* 'Shademaster'

Common: Green Honey Locust

No. in Group 1

Height (m): 5.5

DBH (m): 0.15 DGL (m): 0.15

TPZ (m): 2 SRZ (m): 1.5

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 149

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 9.5

DBH (m): 0.18 DGL (m): 0.25

TPZ (m): 2.16 SRZ (m): 1.85

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 146

Species: *Gleditsia triacanthos* 'Shademaster'

Common: Green Honey Locust

No. in Group 1

Height (m): 6.0

DBH (m): 0.12 DGL (m): 0.19

TPZ (m): 2 SRZ (m): 1.65

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 150

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 13.5

DBH (m): 0.29 DGL (m): 0.38

TPZ (m): 3.48 SRZ (m): 2.2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 147

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 8.5

DBH (m): 0.21 DGL (m): 0.29

TPZ (m): 2.52 SRZ (m): 1.97

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 151

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 13.0

DBH (m): 0.31 DGL (m): 0.39

TPZ (m): 3.72 SRZ (m): 2.23

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 148

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 11.0

DBH (m): 0.21 DGL (m): 0.27

TPZ (m): 2.52 SRZ (m): 1.91

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 152

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 11.5

DBH (m): 0.17 DGL (m): 0.23

TPZ (m): 2.04 SRZ (m): 1.79

Current Form: Suppressed

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low



ID # 153

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 10.0
DBH (m): 0.23 DGL (m): 0.32
TPZ (m): 2.76 SRZ (m): 2.05

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 157

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.0
DBH (m): 0.34 DGL (m): 0.52
TPZ (m): 4.08 SRZ (m): 2.51

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 154

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 8.0
DBH (m): 0.14 DGL (m): 0.20
TPZ (m): 2 SRZ (m): 1.68

Current Form: Suppressed
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 158

Species: *Eucalyptus saligna*

Common: Sydney Blue Gum

No. in Group 1

Height (m): 16.5
DBH (m): 0.45 DGL (m): 0.82
TPZ (m): 5.4 SRZ (m): 3.04

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 155

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 13.0
DBH (m): 0.24 DGL (m): 0.31
TPZ (m): 2.88 SRZ (m): 2.02

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 159

Species: *Eucalyptus saligna*

Common: Sydney Blue Gum

No. in Group 3

Height (m): 12.5
DBH (m): 0.18 DGL (m): 0.21
TPZ (m): 2.16 SRZ (m): 1.72

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 156

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.5
DBH (m): 0.27 DGL (m): 0.34
TPZ (m): 3.24 SRZ (m): 2.1

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 160

Species: *Eucalyptus saligna*

Common: Sydney Blue Gum

No. in Group 1

Height (m): 18.0
DBH (m): 0.58 DGL (m): 0.65
TPZ (m): 6.96 SRZ (m): 2.76

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: High



ID # 161

Species: *Eucalyptus saligna*

Common: Sydney Blue Gum

No. in Group 1

Height (m): 22.0

DBH (m): 0.55 DGL (m): 0.65

TPZ (m): 6.6 SRZ (m): 2.76

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 165

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 11.0

DBH (m): 0.25 DGL (m): 0.33

TPZ (m): 3 SRZ (m): 2.08

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 162

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 3

Height (m): 6.5

DBH (m): 0.13 DGL (m): 0.17

TPZ (m): 2 SRZ (m): 1.57

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 166

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 11.0

DBH (m): 0.33 DGL (m): 0.45

TPZ (m): 3.96 SRZ (m): 2.37

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 163

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 6.5

DBH (m): 0.09 DGL (m): 0.14

TPZ (m): 2 SRZ (m): 1.5

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 167

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 11.0

DBH (m): 0.34 DGL (m): 0.45

TPZ (m): 4.08 SRZ (m): 2.37

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 164

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 9.5

DBH (m): 0.23 DGL (m): 0.31

TPZ (m): 2.76 SRZ (m): 2.02

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 168

Species: *Callistemon viminalis* cv.

Common: Weeping Bottlebrush

No. in Group 3

Height (m): 6.0

DBH (m): 0.10 DGL (m): 0.15

TPZ (m): 2 SRZ (m): 1.5

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low



ID # 169

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 11.5
DBH (m): 0.60 DGL (m): 0.65
TPZ (m): 7.2 SRZ (m): 2.76

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate

ID # 173

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1
Height (m): 19.5
DBH (m): 0.31 DGL (m): 0.43
TPZ (m): 3.72 SRZ (m): 2.32

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate

ID # 170

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 10.5
DBH (m): 0.39 DGL (m): 0.50
TPZ (m): 4.68 SRZ (m): 2.47

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low

ID # 174

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1
Height (m): 19.5
DBH (m): 0.38 DGL (m): 0.50
TPZ (m): 4.56 SRZ (m): 2.47

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate

ID # 171

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 9.0
DBH (m): 0.26 DGL (m): 0.30
TPZ (m): 3.12 SRZ (m): 2

Current Form: Average
Current Vigour: Poor
Age Class: Mature
ULE: Short (5-15 years)

Retention Value: Low

ID # 175

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1
Height (m): 18.0
DBH (m): 0.24 DGL (m): 0.34
TPZ (m): 2.88 SRZ (m): 2.1

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate

ID # 172

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1
Height (m): 11.5
DBH (m): 0.61 DGL (m): 0.78
TPZ (m): 7.32 SRZ (m): 2.98

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate

ID # 176

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1
Height (m): 12.0
DBH (m): 0.22 DGL (m): 0.28
TPZ (m): 2.64 SRZ (m): 1.94

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 177

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 19.5
DBH (m): 0.29 DGL (m): 0.39
TPZ (m): 3.48 SRZ (m): 2.23

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 181

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 18.5
DBH (m): 0.31 DGL (m): 0.40
TPZ (m): 3.72 SRZ (m): 2.25

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 178

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 18.5
DBH (m): 0.26 DGL (m): 0.33
TPZ (m): 3.12 SRZ (m): 2.08

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 182

Species: *Acacia floribunda*

Common: Gossamer Wattle

No. in Group 1

Height (m): 6.5
DBH (m): 0.11 DGL (m): 0.14
TPZ (m): 2 SRZ (m): 1.5

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Short (5-15 years)

Retention Value: Low


ID # 179

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 19.5
DBH (m): 0.26 DGL (m): 0.35
TPZ (m): 3.12 SRZ (m): 2.13

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 183

Species: *Melaleuca bracteata*

Common: Black Tea-Tree

No. in Group 1

Height (m): 7.5
DBH (m): 0.09 DGL (m): 0.11
TPZ (m): 2 SRZ (m): 1.5

Current Form: Suppressed
Current Vigour: Poor
Age Class: Mature
ULE: Short (5-15 years)

Retention Value: Nil / Remove


ID # 180

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 20.5
DBH (m): 0.36 DGL (m): 0.43
TPZ (m): 4.32 SRZ (m): 2.32

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: High


ID # 184

Species: *Gleditsia triacanthos* 'Shademaster'

Common: Green Honey Locust

No. in Group 1

Height (m): 8.5
DBH (m): 0.17 DGL (m): 0.22
TPZ (m): 2.04 SRZ (m): 1.75

Current Form: Poor
Current Vigour: Fair
Age Class: Mature
ULE: Short (5-15 years)

Retention Value: Low



ID # 185

Species: *Grevillea robusta*

Common: Silky Oak

No. in Group 1

Height (m): 13.0

DBH (m): 0.33 DGL (m): 0.41

TPZ (m): 3.96 SRZ (m): 2.28

Current Form: Suppressed

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 189

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 2

Height (m): 14.0

DBH (m): 0.14 DGL (m): 0.19

TPZ (m): 2 SRZ (m): 1.65

Current Form: Suppressed

Current Vigour: Poor

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 186

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 19.0

DBH (m): 0.34 DGL (m): 0.45

TPZ (m): 4.08 SRZ (m): 2.37

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 190

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 18.5

DBH (m): 0.26 DGL (m): 0.33

TPZ (m): 3.12 SRZ (m): 2.08

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 187

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.32 DGL (m): 0.40

TPZ (m): 3.84 SRZ (m): 2.25

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 191

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 18.5

DBH (m): 0.14 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Suppressed

Current Vigour: Poor

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 188

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 18.5

DBH (m): 0.35 DGL (m): 0.45

TPZ (m): 4.2 SRZ (m): 2.37

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 192

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.15 DGL (m): 0.21

TPZ (m): 2 SRZ (m): 1.72

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 193

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 10.0

DBH (m): 0.14 DGL (m): 0.21

TPZ (m): 2 SRZ (m): 1.72

Current Form: Suppressed

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 197

Species: *Olea europaea subsp. africana*

Common: African Olive

No. in Group 1

Height (m): 5.0

DBH (m): 0.17 DGL (m): 0.24

TPZ (m): 2.04 SRZ (m): 1.82

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Remove (<5 years)

Retention Value: Nil / Remove


ID # 194

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.0

DBH (m): 0.23 DGL (m): 0.30

TPZ (m): 2.76 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 198

Species: *Grevillea robusta*

Common: Silky Oak

No. in Group 1

Height (m): 8.0

DBH (m): 0.10 DGL (m): 0.13

TPZ (m): 2 SRZ (m): 1.5

Current Form: Poor

Current Vigour: Poor

Age Class: Semi-mature

ULE: Remove (<5 years)

Retention Value: Nil / Remove


ID # 195

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 19.50

DBH (m): 0.43 DGL (m): 0.53

TPZ (m): 5.16 SRZ (m): 2.53

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 199

Species: *Grevillea robusta*

Common: Silky Oak

No. in Group 2

Height (m): 8.0

DBH (m): 0.13 DGL (m): 0.16

TPZ (m): 2 SRZ (m): 1.53

Current Form: Poor

Current Vigour: Poor

Age Class: Semi-mature

ULE: Remove (<5 years)

Retention Value: Nil / Remove


ID # 196

Species: *Acacia parramattensis*

Common: Parramatta Wattle

No. in Group 1

Height (m): 7.5

DBH (m): 0.06 DGL (m): 0.10

TPZ (m): 2 SRZ (m): 1.5

Current Form: Poor

Current Vigour: Poor

Age Class: Over-mature

ULE: Remove (<5 years)

Retention Value: Nil / Remove


ID # 200

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.25 DGL (m): 0.31

TPZ (m): 3 SRZ (m): 2.02

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 201

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.25 DGL (m): 0.32

TPZ (m): 3 SRZ (m): 2.05

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 205

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 18.5

DBH (m): 0.35 DGL (m): 0.48

TPZ (m): 4.2 SRZ (m): 2.43

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 202

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 2

Height (m): 17.0

DBH (m): 0.10 DGL (m): 0.13

TPZ (m): 2 SRZ (m): 1.5

Current Form: Suppressed

Current Vigour: Poor

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 206

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 13.0

DBH (m): 0.24 DGL (m): 0.31

TPZ (m): 2.88 SRZ (m): 2.02

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 203

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.29 DGL (m): 0.37

TPZ (m): 3.48 SRZ (m): 2.18

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 207

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.30 DGL (m): 0.37

TPZ (m): 3.6 SRZ (m): 2.18

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 204

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 14.0

DBH (m): 0.27 DGL (m): 0.32

TPZ (m): 3.24 SRZ (m): 2.05

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 208

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.29 DGL (m): 0.37

TPZ (m): 3.48 SRZ (m): 2.18

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 209

Species: *Acacia parramattensis*

Common: Parramatta Wattle

No. in Group 4

Height (m): 5.0

DBH (m): 0.07 DGL (m): 0.10

TPZ (m): 2 SRZ (m): 1.5

Current Form: Average

Current Vigour: Good

Age Class: Semi-mature

ULE: Replaceable

Retention Value: Low


ID # 213

Species: *Gleditsia triacanthos 'Shademaster'*

Common: Green Honey Locust

No. in Group 1

Height (m): 9.0

DBH (m): 0.24 DGL (m): 0.30

TPZ (m): 2.88 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 210

Species: *Olea europaea subsp. africana*

Common: African Olive

No. in Group 1

Height (m): 7.0

DBH (m): 0.20 DGL (m): 0.25

TPZ (m): 2.4 SRZ (m): 1.85

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Remove (<5 years)

Retention Value: Nil / Remove


ID # 214

Species: *Pittosporum undulatum*

Common: Sweet Pittosporum

No. in Group 1

Height (m): 9.0

DBH (m): 0.26 DGL (m): 0.30

TPZ (m): 3.12 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 211

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 12.0

DBH (m): 0.35 DGL (m): 0.42

TPZ (m): 4.2 SRZ (m): 2.3

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 215

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 11.0

DBH (m): 0.19 DGL (m): 0.29

TPZ (m): 2.28 SRZ (m): 1.97

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 212

Species: *Angophora costata*

Common: Smooth-barked Apple

No. in Group 1

Height (m): 10.5

DBH (m): 0.23 DGL (m): 0.26

TPZ (m): 2.76 SRZ (m): 1.88

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 216

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 11.0

DBH (m): 0.22 DGL (m): 0.28

TPZ (m): 2.64 SRZ (m): 1.94

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 217

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 12.0

DBH (m): 0.26 DGL (m): 0.35

TPZ (m): 3.12 SRZ (m): 2.13

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 221

Species: *Angophora costata*

Common: Smooth-barked Apple

No. in Group 1

Height (m): 9.0

DBH (m): 0.15 DGL (m): 0.22

TPZ (m): 2 SRZ (m): 1.75

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 218

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 8.0

DBH (m): 0.11 DGL (m): 0.14

TPZ (m): 2 SRZ (m): 1.5

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 222

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 12.0

DBH (m): 0.26 DGL (m): 0.39

TPZ (m): 3.12 SRZ (m): 2.23

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 219

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 12.0

DBH (m): 0.20 DGL (m): 0.24

TPZ (m): 2.4 SRZ (m): 1.82

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 223

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.32 DGL (m): 0.41

TPZ (m): 3.84 SRZ (m): 2.28

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 220

Species: *Angophora costata*

Common: Smooth-barked Apple

No. in Group 1

Height (m): 7.5

DBH (m): 0.11 DGL (m): 0.14

TPZ (m): 2 SRZ (m): 1.5

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 224

Species: *Angophora costata*

Common: Smooth-barked Apple

No. in Group 2

Height (m): 6.0

DBH (m): 0.08 DGL (m): 0.10

TPZ (m): 2 SRZ (m): 1.5

Current Form: Suppressed

Current Vigour: Poor

Age Class: Semi-mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 225

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 2

Height (m): 7.0

DBH (m): 0.08 DGL (m): 0.10

TPZ (m): 2 SRZ (m): 1.5

Current Form: Suppressed

Current Vigour: Poor

Age Class: Semi-mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 229

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.35 DGL (m): 0.43

TPZ (m): 4.2 SRZ (m): 2.32

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 226

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 8.5

DBH (m): 0.12 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 230

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 12

Height (m): 9.5

DBH (m): 0.26 DGL (m): 0.33

TPZ (m): 3.12 SRZ (m): 2.08

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 227

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.35 DGL (m): 0.46

TPZ (m): 4.2 SRZ (m): 2.39

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 231

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.5

DBH (m): 0.32 DGL (m): 0.39

TPZ (m): 3.84 SRZ (m): 2.23

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 228

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 14.

DBH (m): 0.30 DGL (m): 0.36

TPZ (m): 3.6 SRZ (m): 2.15

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 232

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 14.0

DBH (m): 0.24 DGL (m): 0.31

TPZ (m): 2.88 SRZ (m): 2.02

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low



ID # 233

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 2

Height (m): 6.5
DBH (m): 0.16 DGL (m): 0.19
TPZ (m): 2 SRZ (m): 1.65

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Replaceable

Retention Value: Low


ID # 237

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0
DBH (m): 0.29 DGL (m): 0.36
TPZ (m): 3.48 SRZ (m): 2.15

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 234

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.5
DBH (m): 0.34 DGL (m): 0.42
TPZ (m): 4.08 SRZ (m): 2.3

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: High


ID # 238

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 14.0
DBH (m): 0.18 DGL (m): 0.23
TPZ (m): 2.16 SRZ (m): 1.79

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 235

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0
DBH (m): 0.24 DGL (m): 0.32
TPZ (m): 2.88 SRZ (m): 2.05

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 239

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 2

Height (m): 15.0
DBH (m): 0.21 DGL (m): 0.30
TPZ (m): 2.52 SRZ (m): 2

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 236

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0
DBH (m): 0.33 DGL (m): 0.47
TPZ (m): 3.96 SRZ (m): 2.41

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 240

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0
DBH (m): 0.31 DGL (m): 0.38
TPZ (m): 3.72 SRZ (m): 2.2

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low



ID # 241

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.5
DBH (m): 0.25 DGL (m): 0.32
TPZ (m): 3 SRZ (m): 2.05

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 245

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.50
DBH (m): 0.35 DGL (m): 0.49
TPZ (m): 4.2 SRZ (m): 2.45

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 242

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.5
DBH (m): 0.28 DGL (m): 0.36
TPZ (m): 3.36 SRZ (m): 2.15

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 246

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 13.0
DBH (m): 0.20 DGL (m): 0.26
TPZ (m): 2.4 SRZ (m): 1.88

Current Form: Suppressed
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 243

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.5
DBH (m): 0.29 DGL (m): 0.37
TPZ (m): 3.48 SRZ (m): 2.18

Current Form: Suppressed
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 247

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 18.50
DBH (m): 0.39 DGL (m): 0.48
TPZ (m): 4.68 SRZ (m): 2.43

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 244

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0
DBH (m): 0.29 DGL (m): 0.37
TPZ (m): 3.48 SRZ (m): 2.18

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low


ID # 248

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.5
DBH (m): 0.38 DGL (m): 0.45
TPZ (m): 4.56 SRZ (m): 2.37

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Low



ID # 249

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 6

Height (m): 9.5

DBH (m): 0.22 DGL (m): 0.30

TPZ (m): 2.64 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 253

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 9

Height (m): 10.0

DBH (m): 0.23 DGL (m): 0.29

TPZ (m): 2.76 SRZ (m): 1.97

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 250

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 1

Height (m): 10.0

DBH (m): 0.23 DGL (m): 0.34

TPZ (m): 2.76 SRZ (m): 2.1

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 254

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 10

Height (m): 10.0

DBH (m): 0.23 DGL (m): 0.30

TPZ (m): 2.76 SRZ (m): 2

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 251

Species: *Casuarina cunninghamiana*

Common: River She-Oak

No. in Group 2

Height (m): 10.5

DBH (m): 0.28 DGL (m): 0.40

TPZ (m): 3.36 SRZ (m): 2.25

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 255

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.0

DBH (m): 0.35 DGL (m): 0.43

TPZ (m): 4.2 SRZ (m): 2.32

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 252

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 9.0

DBH (m): 0.15 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 256

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 9.0

DBH (m): 0.12 DGL (m): 0.16

TPZ (m): 2 SRZ (m): 1.53

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low



ID # 257

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 19.0

DBH (m): 0.35 DGL (m): 0.48

TPZ (m): 4.2 SRZ (m): 2.43

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 261

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 11.0

DBH (m): 0.14 DGL (m): 0.18

TPZ (m): 2 SRZ (m): 1.61

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Nil / Remove


ID # 258

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 18.0

DBH (m): 0.34 DGL (m): 0.44

TPZ (m): 4.08 SRZ (m): 2.34

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 262

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 15.0

DBH (m): 0.22 DGL (m): 0.29

TPZ (m): 2.64 SRZ (m): 1.97

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 259

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 2

Height (m): 9.0

DBH (m): 0.10 DGL (m): 0.15

TPZ (m): 2 SRZ (m): 1.5

Current Form: Suppressed

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 263

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 9.0

DBH (m): 0.20 DGL (m): 0.26

TPZ (m): 2.4 SRZ (m): 1.88

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 260

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.5

DBH (m): 0.20 DGL (m): 0.27

TPZ (m): 2.4 SRZ (m): 1.91

Current Form: Suppressed

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 264

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 13.0

DBH (m): 0.23 DGL (m): 0.27

TPZ (m): 2.76 SRZ (m): 1.91

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low



ID # 265

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 20.0

DBH (m): 0.46 DGL (m): 0.59

TPZ (m): 5.52 SRZ (m): 2.65

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 269

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 14.0

DBH (m): 0.19 DGL (m): 0.25

TPZ (m): 2.28 SRZ (m): 1.85

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 266

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 16.0

DBH (m): 0.27 DGL (m): 0.34

TPZ (m): 3.24 SRZ (m): 2.1

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Nil / Remove


ID # 270

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 11.0

DBH (m): 0.24 DGL (m): 0.30

TPZ (m): 2.88 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 267

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 20.5

DBH (m): 0.40 DGL (m): 0.49

TPZ (m): 4.8 SRZ (m): 2.45

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Nil / Remove


ID # 271

Species: *Gordonia axillaris*

Common: Fried Egg Tree

No. in Group 2

Height (m): 5.5

DBH (m): 0.14 DGL (m): 0.25

TPZ (m): 2 SRZ (m): 1.85

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 268

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 20.0

DBH (m): 0.42 DGL (m): 0.55

TPZ (m): 5.04 SRZ (m): 2.57

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Nil / Remove


ID # 272

Species: *Pistacia chinensis*

Common: Chinese Pistachio

No. in Group 4

Height (m): 7.0

DBH (m): 0.19 DGL (m): 0.24

TPZ (m): 2.28 SRZ (m): 1.82

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 273

Species: *Pistacia chinensis*

Common: Chinese Pistachio

No. in Group 1

Height (m): 8.0

DBH (m): 0.16 DGL (m): 0.22

TPZ (m): 2 SRZ (m): 1.75

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 277

Species: *Cupressus macrocarpa* cv.

Common: Monterey Cypress

No. in Group 1

Height (m): 9.5

DBH (m): 0.46 DGL (m): 0.46

TPZ (m): 5.52 SRZ (m): 2.39

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 274

Species: *Eucalyptus saligna*

Common: Sydney Blue Gum

No. in Group 1

Height (m): 19.5

DBH (m): 0.70 DGL (m): 0.85

TPZ (m): 8.4 SRZ (m): 3.09

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 278

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1

Height (m): 5.0

DBH (m): 0.17 DGL (m): 0.22

TPZ (m): 2.04 SRZ (m): 1.75

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 275

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 2

Height (m): 8.5

DBH (m): 0.15 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Average

Current Vigour: Fair

Age Class: Semi-mature

ULE: Long (>40 years)

Retention Value: Low


ID # 279

Species: *Elaeocarpus reticulatus*

Common: Blueberry Ash

No. in Group 1

Height (m): 5.0

DBH (m): 0.12 DGL (m): 0.16

TPZ (m): 2 SRZ (m): 1.53

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 276

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 8.5

DBH (m): 0.21 DGL (m): 0.27

TPZ (m): 2.52 SRZ (m): 1.91

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 280

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.56 DGL (m): 0.71

TPZ (m): 6.72 SRZ (m): 2.87

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High



ID # 281

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 11.0

DBH (m): 0.37 DGL (m): 0.49

TPZ (m): 4.44 SRZ (m): 2.45

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 285

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 2

Height (m): 9.0

DBH (m): 0.25 DGL (m): 0.30

TPZ (m): 3 SRZ (m): 2

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 282

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 1

Height (m): 9.5

DBH (m): 0.31 DGL (m): 0.41

TPZ (m): 3.72 SRZ (m): 2.28

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 286

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 2

Height (m): 9.0

DBH (m): 0.22 DGL (m): 0.29

TPZ (m): 2.64 SRZ (m): 1.97

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 283

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 1

Height (m): 8.0

DBH (m): 0.30 DGL (m): 0.42

TPZ (m): 3.6 SRZ (m): 2.3

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 287

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 2

Height (m): 9.0

DBH (m): 0.32 DGL (m): 0.40

TPZ (m): 3.84 SRZ (m): 2.25

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 284

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 2

Height (m): 9.0

DBH (m): 0.23 DGL (m): 0.31

TPZ (m): 2.76 SRZ (m): 2.02

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 288

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 1

Height (m): 9.0

DBH (m): 0.38 DGL (m): 0.48

TPZ (m): 4.56 SRZ (m): 2.43

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low



ID # 289

Species: *Sapium sebiferum*

Common: Chinese Tallow Tree

No. in Group 1

Height (m): 9.0

DBH (m): 0.32 DGL (m): 0.43

TPZ (m): 3.84 SRZ (m): 2.32

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 293

Species: *Cupressus macrocarpa* cv.

Common: Monterey Cypress

No. in Group 1

Height (m): 7.0

DBH (m): 0.54 DGL (m): 0.63

TPZ (m): 6.48 SRZ (m): 2.73

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Nil / Remove


ID # 290

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 2

Height (m): 10.0

DBH (m): 0.28 DGL (m): 0.31

TPZ (m): 3.36 SRZ (m): 2.02

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 294

Species: *Platanus x acerifolia*

Common: London Plane

No. in Group 1

Height (m): 10.5

DBH (m): 0.38 DGL (m): 0.45

TPZ (m): 4.56 SRZ (m): 2.37

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 291

Species: *Platanus x acerifolia*

Common: London Plane

No. in Group 1

Height (m): 9.5

DBH (m): 0.35 DGL (m): 0.44

TPZ (m): 4.2 SRZ (m): 2.34

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 295

Species: *Cupressus macrocarpa* cv.

Common: Monterey Cypress

No. in Group 1

Height (m): 9.5

DBH (m): 0.80 DGL (m): 0.96

TPZ (m): 9.6 SRZ (m): 3.25

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Nil / Remove


ID # 292

Species: *Cupressus macrocarpa* cv.

Common: Monterey Cypress

No. in Group 1

Height (m): 8.0

DBH (m): 0.65 DGL (m): 0.77

TPZ (m): 7.8 SRZ (m): 2.97

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 296

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 19.0

DBH (m): 0.62 DGL (m): 0.80

TPZ (m): 7.44 SRZ (m): 3.01

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 297

Species: *Syagrus romanzoffiana*

Common: Queen Palm

No. in Group 1

Height (m): 8.0

DBH (m): 0.24 DGL (m): 0.30

TPZ (m): 2.88 SRZ (m): 2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 301

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 14.0

DBH (m): 0.45 DGL (m): 0.52

TPZ (m): 5.4 SRZ (m): 2.51

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 298

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 14.0

DBH (m): 0.39 DGL (m): 0.45

TPZ (m): 4.68 SRZ (m): 2.37

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Nil / Remove


ID # 302

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 9.0

DBH (m): 0.38 DGL (m): 0.40

TPZ (m): 4.56 SRZ (m): 2.25

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Nil / Remove


ID # 299

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 14.0

DBH (m): 0.69 DGL (m): 0.82

TPZ (m): 8.28 SRZ (m): 3.04

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 303

Species: *Liquidambar styraciflua*

Common: Liquidambar

No. in Group 1

Height (m): 15.5

DBH (m): 0.68 DGL (m): 0.89

TPZ (m): 8.16 SRZ (m): 3.15

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 300

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 14.0

DBH (m): 0.44 DGL (m): 0.48

TPZ (m): 5.28 SRZ (m): 2.43

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 304

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 3

Height (m): 11.5

DBH (m): 0.38 DGL (m): 0.42

TPZ (m): 4.56 SRZ (m): 2.3

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 305

Species: *Brachychiton acerifolius*

Common: Illawarra Flame Tree

No. in Group 1

Height (m): 12.0

DBH (m): 0.36 DGL (m): 0.40

TPZ (m): 4.32 SRZ (m): 2.25

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 309

Species: *Koelreuteria bipinnata*

Common: Chinese Rain Tree

No. in Group 6

Height (m): 6.5

DBH (m): 0.24 DGL (m): 0.27

TPZ (m): 2.88 SRZ (m): 1.91

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 306

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 20.5

DBH (m): 0.72 DGL (m): 0.86

TPZ (m): 8.64 SRZ (m): 3.11

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 310

Species: *Grevillea robusta*

Common: Silky Oak

No. in Group 1

Height (m): 12.0

DBH (m): 0.25 DGL (m): 0.33

TPZ (m): 3 SRZ (m): 2.08

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 307

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 23.0

DBH (m): 0.88 DGL (m): 1.02

TPZ (m): 10.56 SRZ (m): 3.34

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 311

Species: *Cupressus sempervirens 'Stricta'*

Common: Pencil Pine

No. in Group 1

Height (m): 9.0

DBH (m): 0.28 DGL (m): 0.30

TPZ (m): 3.36 SRZ (m): 2

Current Form: Poor

Current Vigour: Poor

Age Class: Mature

ULE: Remove (<5 years)

Retention Value: Nil / Remove


ID # 308

Species: *Koelreuteria bipinnata*

Common: Chinese Rain Tree

No. in Group 1

Height (m): 6.5

DBH (m): 0.38 DGL (m): 0.38

TPZ (m): 4.56 SRZ (m): 2.2

Current Form: Average

Current Vigour: Excellent

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 312

Species: *Fraxinus ornus*

Common: Mana Ash

No. in Group 1

Height (m): 8.0

DBH (m): 0.30 DGL (m): 0.33

TPZ (m): 3.6 SRZ (m): 2.08

Current Form: Suppressed

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 313

Species: *Koelreuteria bipinnata*

Common: Chinese Rain Tree

No. in Group 2

Height (m): 6.5

DBH (m): 0.26 DGL (m): 0.28

TPZ (m): 3.12 SRZ (m): 1.94

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 317

Species: *Schefflera arboricola*

Common: Dwarf Umbrella Tree

No. in Group 1

Height (m): 5.50

DBH (m): 0.30 DGL (m): 0.45

TPZ (m): 3.6 SRZ (m): 2.37

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 314

Species: *Robinia pseudoacacia* 'Frisia'

Common: Golden Robinia

No. in Group 1

Height (m): 11.5

DBH (m): 0.32 DGL (m): 0.38

TPZ (m): 3.84 SRZ (m): 2.2

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 318

Species: *Fraxinus ornus*

Common: Mana Ash

No. in Group 1

Height (m): 7.5

DBH (m): 0.32 DGL (m): 0.45

TPZ (m): 3.84 SRZ (m): 2.37

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Remove (<5 years)

Retention Value: Nil / Remove


ID # 315

Species: *Eucalyptus botryoides*

Common: Bangalay

No. in Group 1

Height (m): 13.5

DBH (m): 0.62 DGL (m): 0.68

TPZ (m): 7.44 SRZ (m): 2.81

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 319

Species: *Koelreuteria bipinnata*

Common: Chinese Rain Tree

No. in Group 2

Height (m): 6.5

DBH (m): 0.18 DGL (m): 0.25

TPZ (m): 2.16 SRZ (m): 1.85

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 316

Species: *Arbutus unedo*

Common: Strawberry Tree

No. in Group 2

Height (m): 6.0

DBH (m): 0.20 DGL (m): 0.30

TPZ (m): 2.4 SRZ (m): 2

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 320

Species: *Prunus cerasifera* 'Nigra'

Common: Purple-leaved Cherry-plum

No. in Group 6

Height (m): 6.0

DBH (m): 0.22 DGL (m): 0.25

TPZ (m): 2.64 SRZ (m): 1.85

Current Form: Average

Current Vigour: Fair

Age Class: Over-mature

ULE: Long (>40 years)

Retention Value: Low



ID # 321

Species: *Eucalyptus microcorys*

Common: Tallowood

No. in Group 1

Height (m): 15.5

DBH (m): 1.20 DGL (m): 1.29

TPZ (m): 14.4 SRZ (m): 3.68

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 325

Species: *Magnolia grandiflora*

Common: American Bull Bay Magnolia

No. in Group 1

Height (m): 5.0

DBH (m): 0.13 DGL (m): 0.16

TPZ (m): 2 SRZ (m): 1.53

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Replaceable

Retention Value: Low



ID # 322

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 13.0

DBH (m): 0.50 DGL (m): 0.68

TPZ (m): 6 SRZ (m): 2.81

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High



ID # 326

Species: *Elaeocarpus reticulatus*

Common: Blueberry Ash

No. in Group 1

Height (m): 8.0

DBH (m): 0.20 DGL (m): 0.24

TPZ (m): 2.4 SRZ (m): 1.82

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 323

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 10.5

DBH (m): 0.39 DGL (m): 0.42

TPZ (m): 4.68 SRZ (m): 2.3

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 327

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 15.0

DBH (m): 0.59 DGL (m): 0.59

TPZ (m): 7.08 SRZ (m): 2.65

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High



ID # 324

Species: *Magnolia x soulangiana*

Common: Magnolia

No. in Group 1

Height (m): 5.5

DBH (m): 0.25 DGL (m): 0.35

TPZ (m): 3 SRZ (m): 2.13

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 328

Species: *Cupressus torulosa*

Common: Bhutan Cypress

No. in Group 1

Height (m): 16.0

DBH (m): 0.65 DGL (m): 0.70

TPZ (m): 7.8 SRZ (m): 2.85

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 329

Species: *Eucalyptus microcorys*

Common: Tallowood

No. in Group 1

Height (m): 15.5
DBH (m): 0.86 DGL (m): 1.08
TPZ (m): 10.32 SRZ (m): 3.42

Current Form: Excellent
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: High


ID # 333

Species: *Koelreuteria bipinnata*

Common: Chinese Rain Tree

No. in Group 1

Height (m): 10.5
DBH (m): 0.55 DGL (m): 0.59
TPZ (m): 6.6 SRZ (m): 2.65

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 330

Species: *Eucalyptus punctata*

Common: Grey Gum

No. in Group 1

Height (m): 12.0
DBH (m): 0.54 DGL (m): 0.65
TPZ (m): 6.48 SRZ (m): 2.76

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Medium (15-40 years)

Retention Value: Moderate


ID # 334

Species: *Acmena smithii*

Common: Lilly Pilly

No. in Group 1

Height (m): 12.0
DBH (m): 0.30 DGL (m): 0.35
TPZ (m): 3.6 SRZ (m): 2.13

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 331

Species: *Brachychiton discolor*

Common: Queensland Lacebark

No. in Group 1

Height (m): 8.0
DBH (m): 0.46 DGL (m): 0.61
TPZ (m): 5.52 SRZ (m): 2.69

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 335

Species: *Agonis flexuosa*

Common: Willow Myrtle

No. in Group 1

Height (m): 8.5
DBH (m): 0.28 DGL (m): 0.42
TPZ (m): 3.36 SRZ (m): 2.3

Current Form: Poor
Current Vigour: Fair
Age Class: Mature
ULE: Short (5-15 years)

Retention Value: Nil / Remove


ID # 332

Species: *Hymenosporum flavum*

Common: Native Frangipani

No. in Group 1

Height (m): 12.0
DBH (m): 0.19 DGL (m): 0.25
TPZ (m): 2.28 SRZ (m): 1.85

Current Form: Average
Current Vigour: Fair
Age Class: Mature
ULE: Long (>40 years)

Retention Value: Moderate


ID # 336

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 23.5
DBH (m): 0.77 DGL (m): 0.87
TPZ (m): 9.24 SRZ (m): 3.12

Current Form: Average
Current Vigour: Good
Age Class: Mature
ULE: Long (>40 years)

Retention Value: High



ID # 337

Species: *Melaleuca bracteata*

Common: Black Tea-Tree

No. in Group 2

Height (m): 8.0

DBH (m): 0.26 DGL (m): 0.50

TPZ (m): 3.12 SRZ (m): 2.47

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 341

Species: *Agonis flexuosa*

Common: Willow Myrtle

No. in Group 1

Height (m): 7.5

DBH (m): 0.24 DGL (m): 0.33

TPZ (m): 2.88 SRZ (m): 2.08

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 338

Species: *Melaleuca bracteata*

Common: Black Tea-Tree

No. in Group 1

Height (m): 11.0

DBH (m): 0.32 DGL (m): 0.45

TPZ (m): 3.84 SRZ (m): 2.37

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 342

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 17.5

DBH (m): 0.60 DGL (m): 0.76

TPZ (m): 7.2 SRZ (m): 2.95

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 339

Species: *Melaleuca bracteata*

Common: Black Tea-Tree

No. in Group 1

Height (m): 7.0

DBH (m): 0.33 DGL (m): 0.37

TPZ (m): 3.96 SRZ (m): 2.18

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 343

Species: *Corymbia citriodora*

Common: Lemon Scented Gum

No. in Group 1

Height (m): 23.0

DBH (m): 0.78 DGL (m): 1.02

TPZ (m): 9.36 SRZ (m): 3.34

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 340

Species: *Melaleuca bracteata*

Common: Black Tea-Tree

No. in Group 1

Height (m): 7.0

DBH (m): 0.66 DGL (m): 0.80

TPZ (m): 7.92 SRZ (m): 3.01

Current Form: Poor

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 344

Species: *Koelreuteria bipinnata*

Common: Chinese Rain Tree

No. in Group 1

Height (m): 11.0

DBH (m): 0.42 DGL (m): 0.48

TPZ (m): 5.04 SRZ (m): 2.43

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 345

Species: *Koelreuteria bipinnata*

Common: Chinese Rain Tree

No. in Group 1

Height (m): 7.0

DBH (m): 0.17 DGL (m): 0.17

TPZ (m): 2.04 SRZ (m): 1.57

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low



ID # 349

Species: *Callistemon viminalis* cv.

Common: Weeping Bottlebrush

No. in Group 1

Height (m): 9.0

DBH (m): 0.38 DGL (m): 0.65

TPZ (m): 4.56 SRZ (m): 2.76

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 346

Species: *Eucalyptus robusta*

Common: Swamp Mahogany

No. in Group 1

Height (m): 23.0

DBH (m): 0.70 DGL (m): 1.07

TPZ (m): 8.4 SRZ (m): 3.4

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 350

Species: *Waterhousea floribunda*

Common: Weeping Lilly Pilly

No. in Group 1

Height (m): 11.5

DBH (m): 0.41 DGL (m): 0.44

TPZ (m): 4.92 SRZ (m): 2.34

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High



ID # 347

Species: *Eucalyptus microcorys*

Common: Tallowood

No. in Group 1

Height (m): 23.0

DBH (m): 1.00 DGL (m): 1.31

TPZ (m): 12 SRZ (m): 3.71

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High



ID # 351

Species: *Pinus halepensis*

Common: Aleppo Pine

No. in Group 1

Height (m): 12.0

DBH (m): 0.28 DGL (m): 0.41

TPZ (m): 3.36 SRZ (m): 2.28

Current Form: Average

Current Vigour: Poor

Age Class: Senescent

ULE: Short (5-15 years)

Retention Value: Low



ID # 348

Species: *Eucalyptus robusta*

Common: Swamp Mahogany

No. in Group 1

Height (m): 19.5

DBH (m): 0.88 DGL (m): 0.88

TPZ (m): 10.56 SRZ (m): 3.14

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate



ID # 352

Species: *Acmena smithii* var. *minor*

Common: Small Leaf Lilly Pilly

No. in Group 1

Height (m): 6.5

DBH (m): 0.21 DGL (m): 0.24

TPZ (m): 2.52 SRZ (m): 1.82

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low



ID # 353

Species: *Eucalyptus camaldulensis?*

Common: River Red Gum

No. in Group 1

Height (m): 18.0

DBH (m): 0.75 DGL (m): 0.98

TPZ (m): 9 SRZ (m): 3.28

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 357

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 19.5

DBH (m): 0.57 DGL (m): 0.70

TPZ (m): 6.84 SRZ (m): 2.85

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 354

Species: *Grevillea robusta*

Common: Silky Oak

No. in Group 1

Height (m): 18.0

DBH (m): 0.37 DGL (m): 0.45

TPZ (m): 4.44 SRZ (m): 2.37

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 358

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 19.5

DBH (m): 0.52 DGL (m): 0.65

TPZ (m): 6.24 SRZ (m): 2.76

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 355

Species: *Arbutus unedo*

Common: Strawberry Tree

No. in Group 3

Height (m): 6.5

DBH (m): 0.35 DGL (m): 0.48

TPZ (m): 4.2 SRZ (m): 2.43

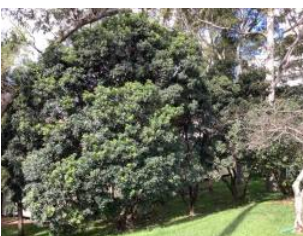
Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Low


ID # 359

Species: *Eucalyptus tessellaris*

Common: Morton Bay Ash

No. in Group 1

Height (m): 7.0

DBH (m): 0.20 DGL (m): 0.25

TPZ (m): 2.4 SRZ (m): 1.85

Current Form: Average

Current Vigour: Good

Age Class: Semi-mature

ULE: Long (>40 years)

Retention Value: Low


ID # 356

Species: *Acmena smithii* var. *minor*

Common: Small Leaf Lilly Pilly

No. in Group 3

Height (m): 7.5

DBH (m): 0.27 DGL (m): 0.30

TPZ (m): 3.24 SRZ (m): 2

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 360

Species: *Fraxinus ornus*

Common: Mana Ash

No. in Group 1

Height (m): 5.0

DBH (m): 0.23 DGL (m): 0.27

TPZ (m): 2.76 SRZ (m): 1.91

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Short (5-15 years)

Retention Value: Low



ID # 361

Species: *Chamaecyparis obtusa* cv.

Common: Hinoki Cypress Cultivar

No. in Group 1

Height (m): 8.5

DBH (m): 0.45 DGL (m): 0.48

TPZ (m): 5.4 SRZ (m): 2.43

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low

ID # 365

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 19.5

DBH (m): 0.74 DGL (m): 1.05

TPZ (m): 8.88 SRZ (m): 3.38

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate

ID # 362

Species: *Callistemon viminalis* cv.

Common: Weeping Bottlebrush

No. in Group 1

Height (m): 6.5

DBH (m): 0.20 DGL (m): 0.25

TPZ (m): 2.4 SRZ (m): 1.85

Current Form: Poor

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Nil / Remove

ID # 366

Species: *Jacaranda mimosifolia*

Common: Jacaranda

No. in Group 1

Height (m): 18.0

DBH (m): 0.50 DGL (m): 0.52

TPZ (m): 6 SRZ (m): 2.51

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate

ID # 363

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 21.5

DBH (m): 0.79 DGL (m): 0.98

TPZ (m): 9.48 SRZ (m): 3.28

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 367

Species: *Eucalyptus camaldulensis*?

Common: River Red Gum

No. in Group 1

Height (m): 18.0

DBH (m): 0.59 DGL (m): 0.71

TPZ (m): 7.08 SRZ (m): 2.87

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low

ID # 364

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 21.5

DBH (m): 0.89 DGL (m): 1.16

TPZ (m): 10.68 SRZ (m): 3.52

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 368

Species: *Pittosporum tenuifolium*

Common: Variegated Pittosporum

No. in Group 1

Height (m): 7.0

DBH (m): 0.20 DGL (m): 0.23

TPZ (m): 2.4 SRZ (m): 1.79

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 369

Species: *Magnolia x soulangiana*

Common: Magnolia

No. in Group 1

Height (m): 7.0

DBH (m): 0.31 DGL (m): 0.45

TPZ (m): 3.72 SRZ (m): 2.37

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 373

Species: *Ceratopetalum gummiferum*

Common: New South Wales Christmas Bush

No. in Group 1

Height (m): 5.5

DBH (m): 0.22 DGL (m): 0.22

TPZ (m): 2.64 SRZ (m): 1.75

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 370

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 23.5

DBH (m): 0.78 DGL (m): 0.94

TPZ (m): 9.36 SRZ (m): 3.22

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 374

Species: *Lophostemon confertus*

Common: Brush Box

No. in Group 1

Height (m): 12.0

DBH (m): 0.45 DGL (m): 0.53

TPZ (m): 5.4 SRZ (m): 2.53

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 371

Species: *Corymbia maculata*

Common: Spotted Gum

No. in Group 1

Height (m): 25.0

DBH (m): 0.97 DGL (m): 1.22

TPZ (m): 11.64 SRZ (m): 3.6

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 375

Species: *Eucalyptus tereticornis*

Common: Forest Red Gum

No. in Group 1

Height (m): 13.5

DBH (m): 0.15 DGL (m): 0.26

TPZ (m): 2 SRZ (m): 1.88

Current Form: Average

Current Vigour: Good

Age Class: Semi-mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 372

Species: *Callistemon viminalis* cv.

Common: Weeping Bottlebrush

No. in Group 1

Height (m): 7.0

DBH (m): 0.41 DGL (m): 0.45

TPZ (m): 4.92 SRZ (m): 2.37

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 376

Species: *Cupressus macrocarpa* cv.

Common: Monterey Cypress

No. in Group 1

Height (m): 12.0

DBH (m): 0.48 DGL (m): 0.48

TPZ (m): 5.76 SRZ (m): 2.43

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Moderate



ID # 377

Species: *Brachychiton acerifolius*

Common: Illawarra Flame Tree

No. in Group 1

Height (m): 12.0

DBH (m): 0.32 DGL (m): 0.35

TPZ (m): 3.84 SRZ (m): 2.13

Current Form: Average

Current Vigour: Poor

Age Class: Mature

ULE: Medium (15-40 years)

Retention Value: Low


ID # 381

Species: *Eucalyptus microcorys*

Common: Tallowood

No. in Group 1

Height (m): 19.5

DBH (m): 0.69 DGL (m): 0.94

TPZ (m): 8.28 SRZ (m): 3.22

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 378

Species: *Eucalyptus tereticornis*

Common: Forest Red Gum

No. in Group 1

Height (m): 11.0

DBH (m): 0.13 DGL (m): 0.20

TPZ (m): 2 SRZ (m): 1.68

Current Form: Average

Current Vigour: Good

Age Class: Semi-mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 382

Species: *Eucalyptus microcorys*

Common: Tallowood

No. in Group 1

Height (m): 19.5

DBH (m): 0.67 DGL (m): 0.95

TPZ (m): 8.04 SRZ (m): 3.24

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 379

Species: *Ulmus procera*

Common: English Elm

No. in Group 1

Height (m): 11.0

DBH (m): 0.45 DGL (m): 0.60

TPZ (m): 5.4 SRZ (m): 2.67

Current Form: Average

Current Vigour: Poor

Age Class: Over-mature

ULE: Short (5-15 years)

Retention Value: Low


ID # 383

Species: *Eucalyptus microcorys*

Common: Tallowood

No. in Group 1

Height (m): 12.0

DBH (m): 0.62 DGL (m): 0.74

TPZ (m): 7.44 SRZ (m): 2.92

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: Moderate


ID # 380

Species: *Eucalyptus microcorys*

Common: Tallowood

No. in Group 1

Height (m): 19.5

DBH (m): 0.60 DGL (m): 0.77

TPZ (m): 7.2 SRZ (m): 2.97

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High


ID # 384

Species: *Eucalyptus microcorys*

Common: Tallowood

No. in Group 1

Height (m): 20.0

DBH (m): 0.77 DGL (m): 1.02

TPZ (m): 9.24 SRZ (m): 3.34

Current Form: Excellent

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High



ID # 385

Species: *Eucalyptus tereticornis*

Common: Forest Red Gum

No. in Group 1

Height (m): 18.0

DBH (m): 0.51 DGL (m): 0.62

TPZ (m): 6.12 SRZ (m): 2.71

Current Form: Average

Current Vigour: Good

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 389

Species: *Eucalyptus grandis*

Common: Flooded Gum

No. in Group 1

Height (m): 23.0

DBH (m): 0.64 DGL (m): 0.78

TPZ (m): 7.68 SRZ (m): 2.98

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 386

Species: *Eucalyptus grandis*

Common: Flooded Gum

No. in Group 1

Height (m): 21.0

DBH (m): 0.67 DGL (m): 1.03

TPZ (m): 8.04 SRZ (m): 3.35

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 390

Species: *Eucalyptus grandis*

Common: Flooded Gum

No. in Group 1

Height (m): 17.0

DBH (m): 0.41 DGL (m): 0.55

TPZ (m): 4.92 SRZ (m): 2.57

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 387

Species: *Eucalyptus grandis*

Common: Flooded Gum

No. in Group 1

Height (m): 24.0

DBH (m): 0.51 DGL (m): 0.63

TPZ (m): 6.12 SRZ (m): 2.73

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 391

Species: *Lophostemon confertus*

Common: Brush Box

No. in Group 1

Height (m): 13.0

DBH (m): 0.47 DGL (m): 0.54

TPZ (m): 5.64 SRZ (m): 2.55

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High

ID # 388

Species: *Eucalyptus grandis*

Common: Flooded Gum

No. in Group 1

Height (m): 22.0

DBH (m): 0.48 DGL (m): 0.56

TPZ (m): 5.76 SRZ (m): 2.59

Current Form: Average

Current Vigour: Fair

Age Class: Mature

ULE: Long (>40 years)

Retention Value: High




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PROJECT & CLIENT

BaptistCare, Macquarie Park - Master Plan

157 Balaclava Road, Macquarie Park, NSW 2113

Prepared for :

BaptistCare NSW & ACT

Arboricultural Plans

DRAWING INDEX

Drawing No.	Layout Name	Revision
T-00	Cover Sheet	A
T-01	Tree Retention Value Plan	A
T-02	Stage 1 VV-Tree Protection and Removal Plan	A
T-03	Master Plan-Tree Protection and Removal Plan	A
T-04	Tree Protection Specification and Tree Schedule	A

DATE :

26 October 2022

ISSUE :

SSDA

TREE RETENTION VALUE NOTES

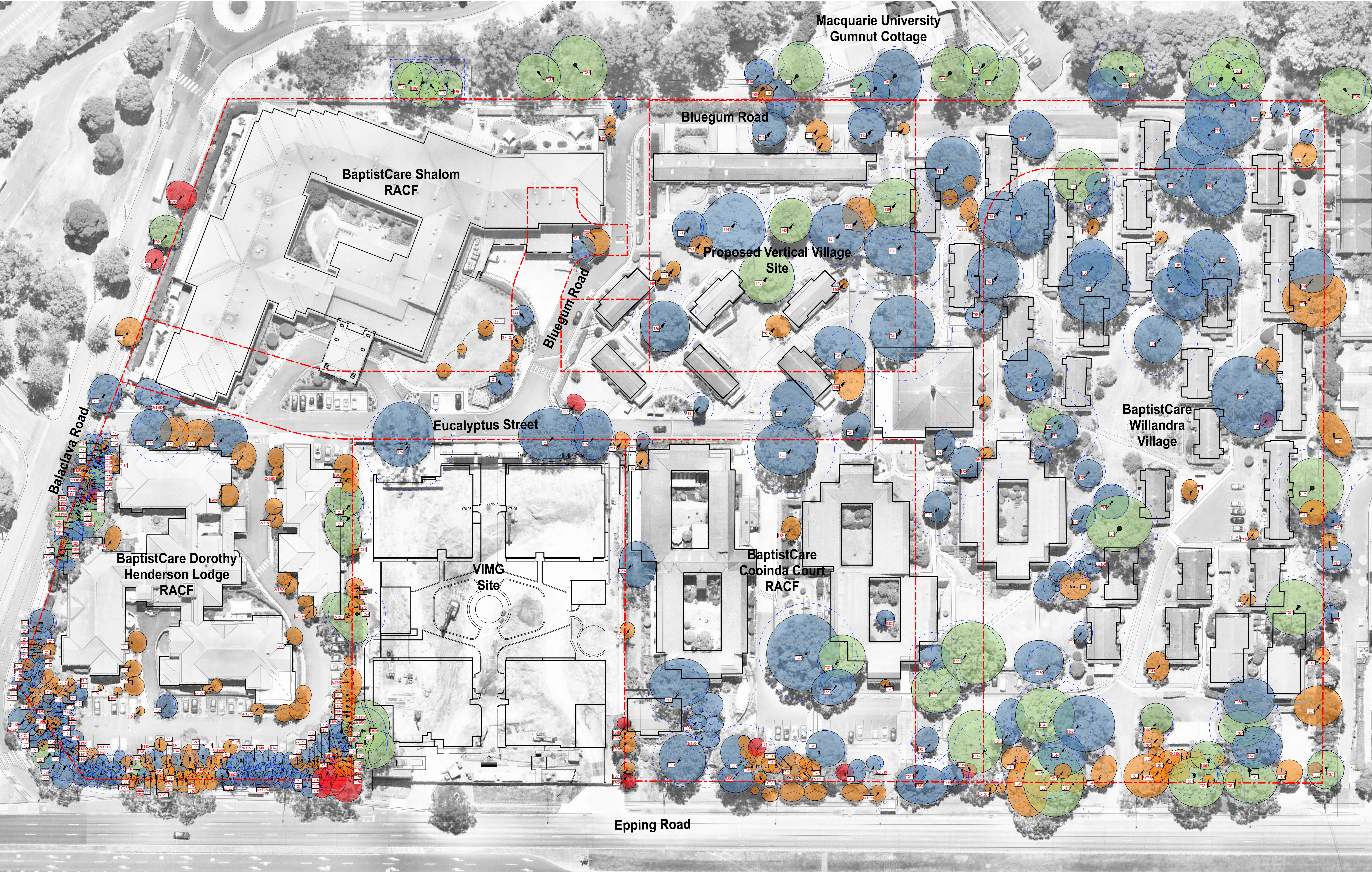
- The proposed retention value of the trees was determined based on a considered combination of the size, age, condition and suitability of the tree. Each tree was then ranked according to one of 4 retention categories;
1. **"High" Retention Value** — these are trees that are typically in good or very good condition, large and visually prominent, historically or environmentally important. They should represent a serious physical constraint to development and their removal avoided where possible and feasible.
 2. **"Moderate" Retention Value** — these are trees that are in good to reasonable condition, with no major structural defects and could be retained where possible and feasible to do so.
 3. **"Low" Retention Value** — these are trees that are of poor condition or have structural defects, are particularly small or common place, are not historically, environmentally or socially significant and should not be considered as a constraint to development. They could be retained only if they are not likely to be impacted by or constrain potentially desirable development outcomes.
 4. **"Nil" Retention Value** — these are trees that are in very poor health, or poor form, or have serious structural defects, are considered weeds or combination of all these, and therefore should be considered for removal regardless of any development.

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

NOTE
Refer to the accompanying Arboricultural Report for full description of trees, measurements and methods used to assess the trees, and proposed tree protection measures.



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Tree Retention Value Legend

- High Retention value
- Moderate Retention value
- Low Retention value (Note: no TPZs shown for these trees)
- Nil Retention value (should remove) (Note: no TPZs shown for these trees)
- Nominal Tree Protection Zone (TPZ)
- Extent of canopy as verified by site measure and aerial photos
- Tree Identification Number
- Existing and Future Site Boundaries



For SSDA Submission

REVISION DESCRIPTION

PROJECT & CLIENT

BaptistCare, Macquarie Park - Master Plan

BaptistCare NSW & ACT

DRAWING TITLE

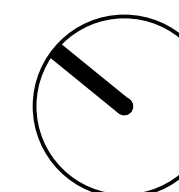
Tree Retention Value Plan

Project No : 21.39

Designed : CLB/RWS

Drawn : CLB/RWS

Scale : 1:400@A0 / NTS@A3



DRAWING NUMBER

T-01

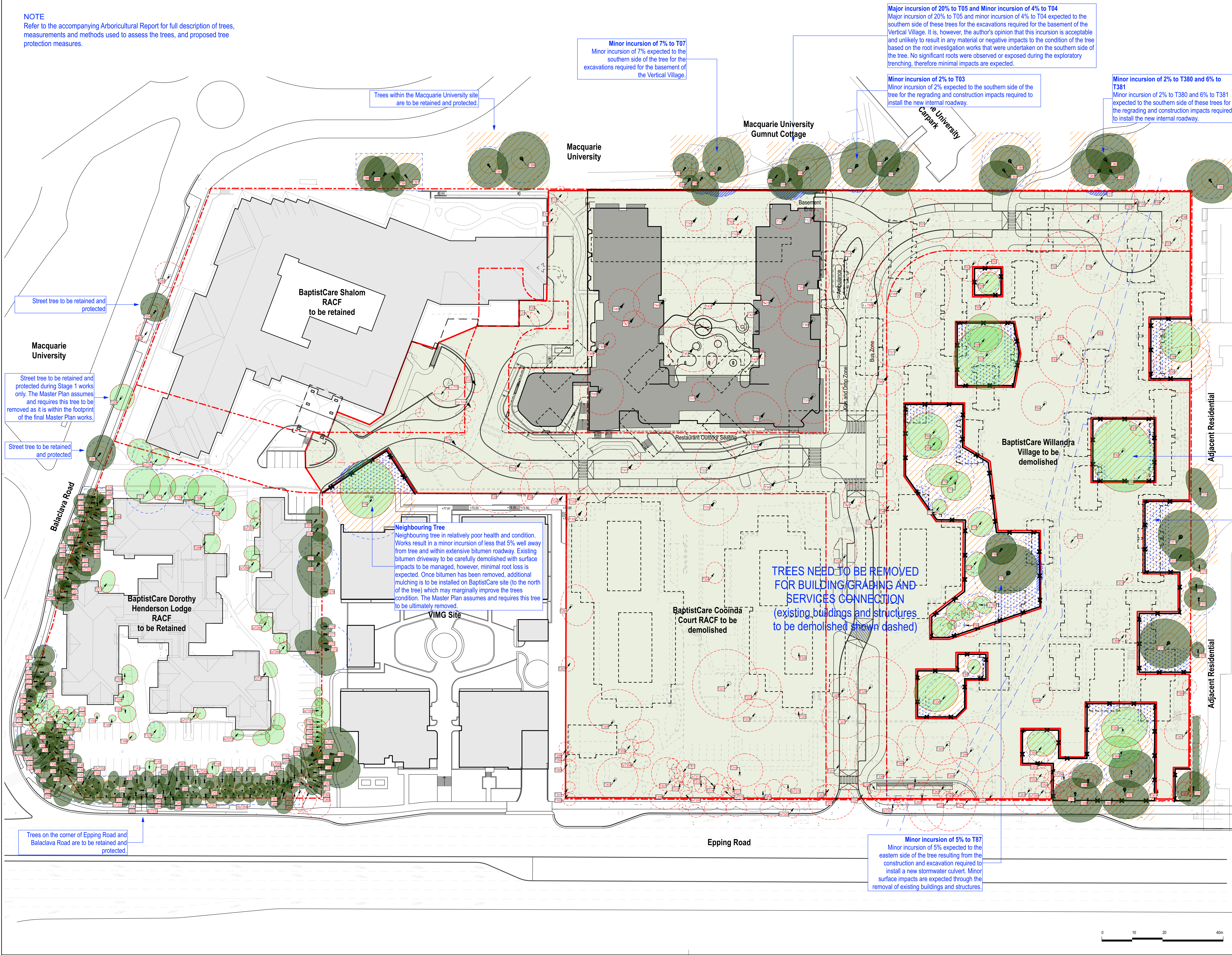
REVISION

A

Plotted at : 4:02 pm

25/10/2022

NOTE
Refer to the accompanying Arboricultural Report for full description of trees, measurements and methods used to assess the trees, and proposed tree protection measures.



Tree Impact and Protection Plan Legend

- Boundary
- Existing Tree Retained
- Existing Tree Retained During Stage 1 Works
- Existing Tree Removed
- Tree Identification Number
- Construction Period Tree Protection Area - consolidated area
- Tree Protection Area Temporary Fencing
- Expected loss of roots due to excavation or trenching
- Surface impact to be managed - minimal root loss expected
- Nominal Tree Protection Zone Radius (TPZ)
- Nominal Structural Root Zone (SRZ) shown where relevant
- Proposed Future Building - Vertical Village
- Existing building to be retained
- Existing building to be demolished
- Extent of ground modification and disturbance

Trees to be Retained During Stage 1 ONLY
Trees shown as light green are to be retained and protected during Stage 1 works only. The Master Plan assumes and requires these trees to be removed as they are within the footprint of the final Master Plan works.

Surface Impacts to be Managed
Numerous trees to the east of the site have minor surface impacts through the removal and demolition of existing buildings and structures.

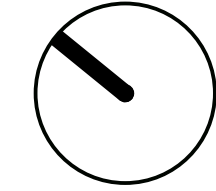


A	For SSDA Submission	RWS	26/10/22
REVISION	DESCRIPTION	CHKD	DATE

PROJECT & CLIENT
BaptistCare, Macquarie Park - Master Plan

BaptistCare NSW & ACT
DRAWING TITLE
Stage 1 VV-Tree Protection and Removal Plan

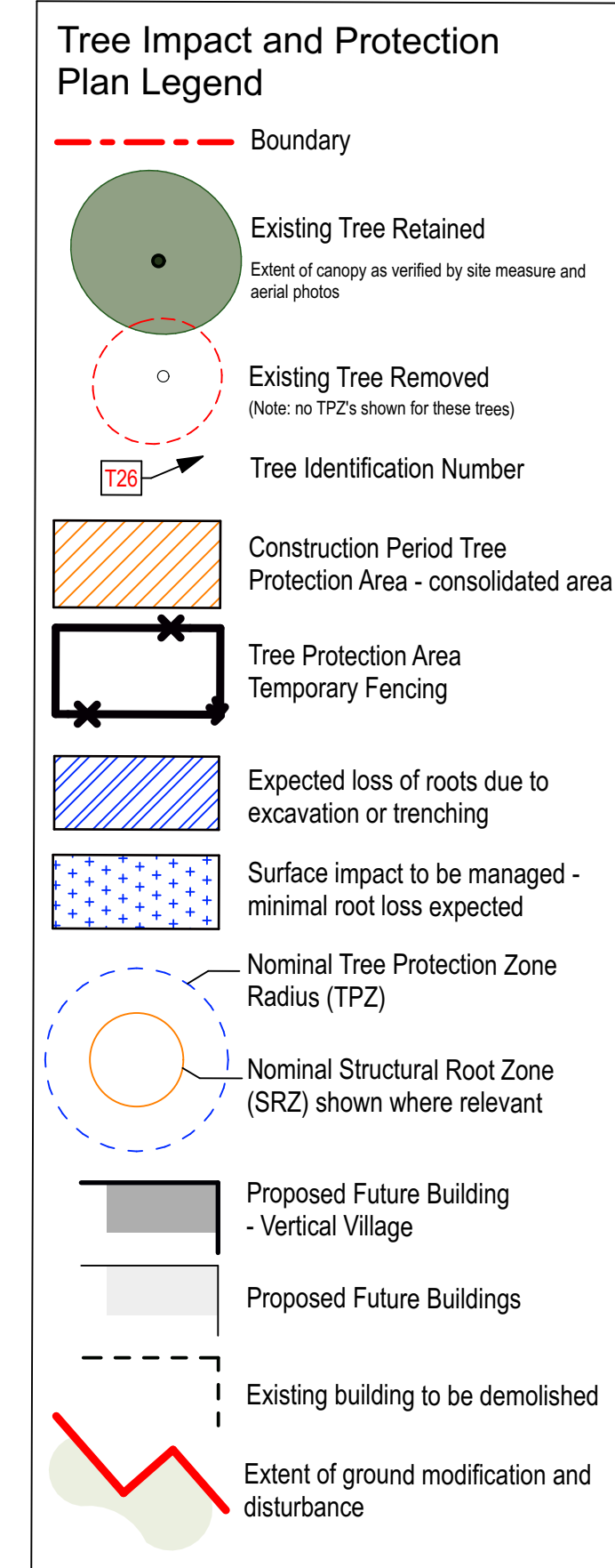
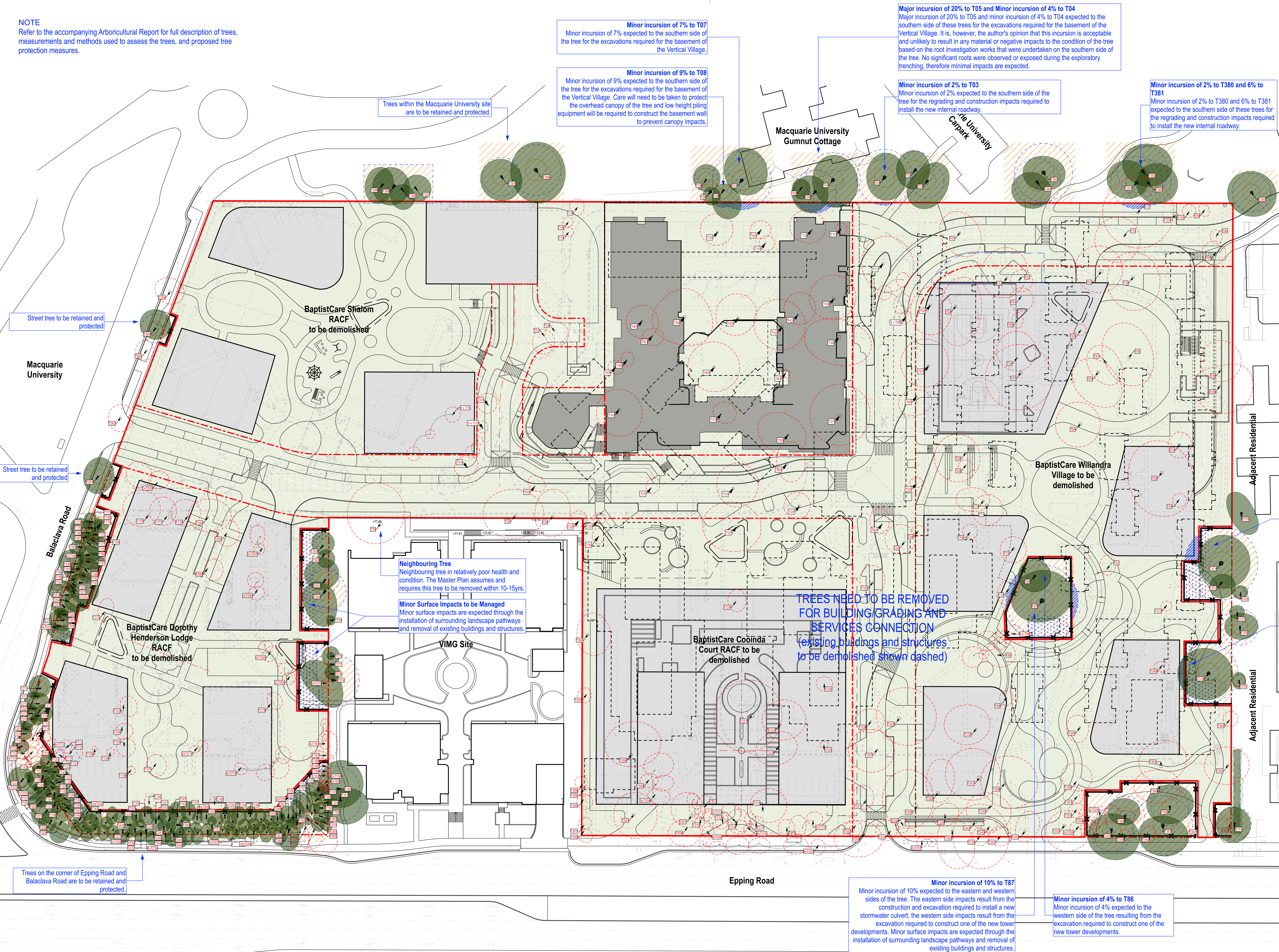
Project No : 21.39
Designed : CLB/RWS
Drawn : CLB/RWS
Scale : 1:400@A0 / NTS @A3



DRAWING NUMBER
T-02

REVISION
A

NOTE
Refer to the accompanying Arboricultural Report for full description of trees, measurements and methods used to assess the trees, and proposed tree protection measures.



Minor incursion of 6% to T371
Minor incursion of 6% to T371 expected to the north western side of the tree resulting from the excavation required to construct one of the new tower developments. Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.

Minor incursion of 4% to T370
Minor incursion of 4% expected to the western side of the tree resulting from the excavation required to construct one of the new tower developments. Minor surface impacts are expected through the installation of surrounding landscape pathways and removal of existing buildings and structures.

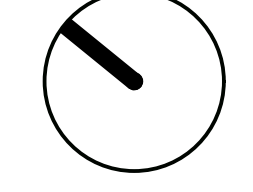


A	For SSDA Submission	RWS	26/10/22
REVISION	DESCRIPTION	CHKD	DATE

PROJECT & CLIENT
**BaptistCare, Macquarie Park
- Master Plan**

BaptistCare NSW & ACT
DRAWING TITLE
**Master Plan-Tree Protection
and Removal Plan**

Project No : 21.39
Designed : CLB/RWS
Drawn : CLB/RWS
Scale : 1:400@A0 / NTS@A3



DRAWING NUMBER
T-03

REVISION
A

TREE PROTECTION SPECIFICATIONS

1. Tree Protection Measures and Protocols.

All work around existing trees to be retained shall be in accordance with AS 4970-2009 Protection of trees on development sites with the clear establishment of the required Tree Protection Areas (TPA's). If the scope of work allowed within or the extent of the Tree Protection Areas of existing trees is not clear, please refer to the Contract Manager or Project Consulting Arborist for clarification.

Before any site works commence tree protection zones and other measures must be established and conveyed to those all working on the site. The Contractor shall ensure all subcontractors are inducted prior to working on the site. All inductions shall include description and identification of the Tree Protection Zones and the restriction on work and activities with regard to trees.

Damage to roots or degradation of the soil through compaction and/or excavation within TPA's is likely to cause serious damage to the tree. Any work operations required within TPA's must be carried out with extreme care. All trees, palms and other shrubs within TPA's are to be retained unless shown otherwise on the Tree Protection Plan(s). Trees marked for retention shall not be used to display signage, or as fence or cable supports for any reason. No materials stockpiling, chemicals or washout areas are permitted immediately upslope of or within the Tree Protection Area. The washing down of wheel barrows, paint cans/brushes, acids and the like shall not be done near existing trees as the runoff is very harmful to tree roots.

No fuel powered pumps or generators or air compressors are to be placed within TPA's. No fuel or chemicals shall be stored and no equipment or vehicles shall be serviced or re-fuelled within a TPA.

2. Controlled Construction Access

Construction access points, stockpiling and storage areas shall be clearly identified on site and fenced off where appropriate. Uncontrolled access and parking of vehicles inside TPA's shall be avoided. If access is required through a tree protection area, the access way shall be treated with ground protection.

3. Tree Protection Fencing & Signage

The Tree Protection Plan(s) shows the extent of areas to be fenced and protected. Protection measures shall be certified as adequate by the Project Consulting Arborist. This fencing may form part of the general construction site fencing, where practical. It shall remain in place as long as possible and typically not be removed until the final landscape installation in those areas begins.

All tree protection fencing shall be 1800mm high galvanised chain wire or welded steel mesh. Fencing must be bolted together and secured with the necessary back stays and bracing. **Star pickets with bunting or danger tape shall not constitute acceptable tree protection fencing.** Suitable signage as defined by AS 4970-2009 Appendix C shall be affixed to the external side of the fencing at a spacing of not less than 1 sign per 20 lineal metres of fence. If fence locations conflict with the proposed works, contact the Project Consulting Arborist and Contract Manager for resolution. No new services (unless under-bored) shall be located within or through the Tree Protection Area.

4. Trunk and Lower Branch Protection

A trunk barrier is to be erected around the circumference of the tree trunk and root buttress where shown. This barrier will consist of two to three 'rings' of 50mm diameter soaked ag-line wrapped around tree trunk or branch and the ends cable tied to secure in place. A layer of battens is to be placed over and tight to the ag-lines. The battens are to have a maximum spacing of 50mm. The height of the battens is to be 2 metres or to the height of the first branches. Lower large branches may require the same protection if likely to be damaged by passing vehicles or equipment. Secure battens in place with galvanised steel bracing straps. Do not nail into or otherwise injure the trunk or bark. Battens may be made from any suitable waste timber of similar sizes and depths. All sharp or protruding edges are to be properly covered with tape or similar padding.

5. Works within the TPA's

All work within the root zone of existing trees shall be undertaken with the utmost care. If by necessity a tree requires removal of branches for building or access, pruning shall be done in strict accordance with accepted arboriculture techniques and AS 4373-2007. No rubbish, spoil or new materials shall be placed on the root zone of any existing tree or against their trunks.

6. Ground Protection

If it is proposed to create any access route, or similar, within the TPA of a retained tree, the Contractor shall install rumble boards over the TPA ground surface. No excavation shall be allowed. Contractor shall first place a suitable permeable geotextile to the extent required and then a 100mm thick layer of wood chip mulch or coarse no-fines gravel over the extent to be covered. Then place hardwood boards (minimum 3600 x 200 x 75mm) on their flat edge, side by side, with a 30 - 50mm gap to form a rumble strip. These boards are to be held together with three galvanised metal bracing straps nailed to each board. The two outer straps are to be approximately 200mm in from the ends of the boards. The third strap is to be along the centre line of the boards.

7. Provision of Temporary Irrigation

A temporary and automated (battery powered timer is sufficient) watering system to be placed within the TPAs of all trees to maintain adequate water to the retained trees and help maintain their healthy condition. This shall be a surface mounted 'residential-style' soaker hose and/or similar surface sprinkler systems. It is to be surface visible and spray delivered so that is operation can be easily visible and verified. It should be on a designated supply line, separate from other construction related water supplies to minimise its likelihood of being disconnected.

Typically, during spring and summer months it should be set to run for a minimum of 30 minutes every day, in the early morning. During, autumn and winter months it should be set to run for 1 hour once every week. The operation can be suspended temporarily in periods of extensive and prolonged rain. The system is to remain in place for the duration of construction, or until the project consulting arborist approves it's removal. It may be removed to allow final landscape treatments to proceed. If accidentally disturbed or damaged by construction activities, it is to be reinstated as soon as practicable.

8. Structural Demolition Within TPA's

Project Consulting Arborist shall not be on site during all demolition work within the TPA's to monitor and advise on tree protection. Secateurs and a handsaw shall be available to deal with and cleanly cut any exposed roots that have to be cut. Machines with a long reach may be used if they can work from outside TPA's or from protected areas within TPA's. They shall not encroach onto unprotected soil in TPA's.

Debris to be removed from TPA's must be moved across existing hard surfacing or temporary ground protection in a way that prevents compaction and disturbance of soil. Alternatively, it can be lifted out by machines provided this does not disturb TPA's or damage the canopy. If appropriate, leave below ground structures such as footings and disused pipes in place if their removal will cause excessive root disturbance.

When pulling up existing paving the Contractor shall work backwards, lifting demolished paving back onto the existing paving. Roots may be found growing under the pavement and should not be trafficked. Roots growing into existing sub-base should be left and new surface finishes placed over the top without disturbance.

9. Excavations or Trenching within TPA's

Excavation within TPA's shall not be allowed using mechanical equipment such as excavators or backhoes. Excavation within TPA's shall only be carried out carefully by hand taking care not to damage the bark and wood of any roots. Specialist tools for removing soil around roots using compressed air (air spade), or water vacuum extraction shall be an appropriate alternative to hand digging and is the preferred method.

Exposed roots to be removed shall be cut cleanly with a sharp saw or secateurs at the face of the excavation. Roots temporarily exposed must be protected by appropriate covering with damp hessian or sand. Roots greater than 50mm in diameter are to be retained and shall only be cut in exceptional circumstances and only after consultation with the Project Consulting Arborist. Roots greater than 100mm in diameter shall typically not be allowed to be cut and must be worked around.

10. Soft Landscaping Installation

Final trimming and planting shall be immediately undertaken around trees. All soft landscaping within the tree protection zones will be installed with care to avoid root disturbance from irrigation trenching, lighting installation and the planting of larger plants. Permanent irrigation (if used) shall be installed as spray heads located outside of TPA's and spraying inwards. All other services such as small-scale electrical services shall also be designed and installed to avoid any excavation or trenching around the trees.

No significant excavation or cultivation, especially by rotary hoes or excavators, shall occur within TPA's. Where new designs require the levels to be increased, good quality and permeable top soil shall be used. It should be firmed into place but not over compacted. All areas close to tree trunks shall be kept at the original ground level. Where turf is to be installed tree trunks shall have mulched rings applied rather than grass laid up to the trunk.

The size of the installed plants shall typically be less than 5L pots so that the maximum depth of the new root balls is less than 200mm. Any planting proposed that is larger than this shall be only installed outside of the SRZ and with care to not injure roots while digging planting holes.

11. Canopy Pruning

The Contractor shall prune branches of protected trees only as directed by the Project Consulting Arborist. Pruning is only to be undertaken by a qualified arborist (under the supervision of a person with AQF Level 4 or above). The Project Consulting Arborist is to be present at all times during the pruning work. Work is to be in strict accordance with AS4373 Pruning of Amenity Trees. Do not treat wounds.

12. Root Pruning

Pruning of roots of protected trees shall only be as directed the Project Consulting Arborist. The Tree Contractor shall use only a qualified arborist (AQF Level 4 or above). The Project Consulting Arborist is to be present at all times during the root pruning. Roots are not to be cut using normal excavation machinery of any sort. This usually results in splitting and massive disturbance well past the intended line of cut. When required to cut roots, use hand methods and sharp hand tools (e.g. secateurs, hand saw) such that the remaining root systems are preserved intact and undamaged. Roots are to be cut back by hand square to the direction of the root travel (or edge of the excavation). Do not cut any tree roots exceeding 40mm diameter unless permitted. Excavations within root zones should be kept open for as short a period as possible. Any excavated face containing roots is to be temporarily supported, where necessary, to prevent soil loss from around the other retained roots.

13. Accidental Tree Damage

Should a tree be accidentally damaged, the Contractor shall immediately notify the Project Consulting Arborist. Timing can be of the essence, particularly with bark injuries, trunk damage or chemical contaminations. If a branch has been broken, it shall be removed and the damaged end pruned to a suitable branch collar. If the branch has been torn out of the trunk, assessment shall be made and the damage cleaned up by as much as possible without further damage to the tree. If roots are accidentally disturbed or excavated, any broken, crushed and torn sections shall be exposed and pruned leaving clean cuts to minimise risk of infection by fungal pathogens and promote good conditions for new root growth.



Example image of acceptable ground protection rumble boards



Example image of acceptable tree protection fencing measures to be applied.



Example image of acceptable tree protection tree protection battens

Tree ID	Tree in Group	Tree Species	Common Name	Trunk Diameter (mm)	Trunk Diameter at Base (mm)	Normal TPZ SRZ (m)	Normal SRZ (m)	Retention Value	Recommendation
102	1	Canarium indicum	Bhilay Cypress	0.65	0.70	7.80	2.85	Moderate	Remove
103	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.15	0.20	1.00	2.00	Low	Retain - Stage 1 only (removed in Master Plan)
104	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.15	0.22	2.00	1.75	Low	Retain - Stage 1 only (removed in Master Plan)
105	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.14	0.22	2.00	1.75	Low	Retain - Stage 1 only (removed in Master Plan)
106	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.13	0.17	2.00	1.57	Low	Retain - Stage 1 only (removed in Master Plan)
107	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.12	0.20	2.64	2.00	Moderate	Retain - Stage 1 only (removed in Master Plan)
108	1	Liquidambar styraciflua	Liquidambar	0.14	0.20	2.00	1.68	Low	Retain - Stage 1 only (removed in Master Plan)
109	1	Eucalyptus	Gum	0.05	0.10	2.00	1.26	Low	Retain - Stage 1 only (removed in Master Plan)
110	1	Casuarina cunninghamiana	River She-Oak	0.20	0.28	2.40	1.94	Moderate	Retain - Stage 1 only (removed in Master Plan)
111	1	Casuarina cunninghamiana	River She-Oak	0.20	0.30	2.40	2.00	Low	Retain - Stage 1 only (removed in Master Plan)
112	1	Casuarina cunninghamiana	River She-Oak	0.13	0.19	2.00	1.68	Low	Retain - Stage 1 only (removed in Master Plan)
113	4	Casuarina cunninghamiana	River She-Oak	0.12	0.20	2.00	1.68	Low	Retain - Stage 1 only (removed in Master Plan)
114	1	Casuarina cunninghamiana	River She-Oak	0.15	0.25	2.00	1.85	Moderate	Retain - Stage 1 only (removed in Master Plan)
115	1	Casuarina cunninghamiana	River She-Oak	0.12	0.28	2.64	2.13	Moderate	Retain - Stage 1 only (removed in Master Plan)
116	1	Casuarina cunninghamiana	River She-Oak	0.11	0.17	2.00	1.57	Low	Retain - Stage 1 only (removed in Master Plan)
117	1	Casuarina cunninghamiana	River She-Oak	0.11	0.20	3.00	2.25	Moderate	Retain - Stage 1 only (removed in Master Plan)
118	5	Casuarina cunninghamiana	River She-Oak	0.11	0.16	2.00	1.53	Low	Retain - Stage 1 only (removed in Master Plan)
119	1	Corymbia chlorocarpa	Lennox Scaevola	0.07	0.10	2.00	1.26	Low	Retain
120	1	Corymbia chlorocarpa	Lennox Scaevola	0.08	0.12	2.13	1.68	Moderate	Retain
121	1	Corymbia chlorocarpa	Lennox Scaevola	0.04	0.08	2.00	1.68	Low	Retain
122	1	Corymbia chlorocarpa	Lennox Scaevola	0.30	0.38	3.60	2.23	Moderate	Retain - Stage 1 only (removed in Master Plan)
123	1	Corymbia chlorocarpa	Lennox Scaevola	0.22	0.30	2.64	2.00	Moderate	Retain
124	1	Corymbia chlorocarpa	Lennox Scaevola	0.19	0.28	2.28	1.88	Moderate	Retain
125	1	Corymbia chlorocarpa	Lennox Scaevola	0.15	0.20	2.00	1.68	Low	Retain
126	1	Corymbia chlorocarpa	Lennox Scaevola	0.42	0.52	3.12	2.23	Moderate	Retain
127	1	Corymbia chlorocarpa	Lennox Scaevola	0.24	0.38	2.88	2.00	Moderate	Retain
128	1	Corymbia chlorocarpa	Lennox Scaevola	0.23	0.31	2.76	2.02	Moderate	Retain
129	1	Corymbia chlorocarpa	Lennox Scaevola	0.18	0.22	2.00	1.75	Low	Retain
130	1	Corymbia chlorocarpa	Lennox Scaevola	0.10	0.15	2.00	1.68	Low	Retain
131	1	Corymbia chlorocarpa	Lennox Scaevola	0.25	0.32	3.00	2.05	Moderate	Retain
132	1	Corymbia chlorocarpa	Lennox Scaevola	0.15	0.20	2.00	1.68	Low	Retain
133	1	Corymbia chlorocarpa	Lennox Scaevola	0.23	0.30	2.76	2.20	Moderate	Retain
134	1	Corymbia chlorocarpa	Lennox Scaevola	0.25	0.32	3.00	2.05	Moderate	Retain
135	1	Corymbia chlorocarpa	Lennox Scaevola	0.23	0.29	2.76	1.97	Moderate	Retain
136	1	Corymbia chlorocarpa	Lennox Scaevola	0.23	0.29	2.76	2.00	Moderate	Retain
137	1	Corymbia chlorocarpa	Lennox Scaevola	0.18	0.22	1.15	1.75	Low	Retain
138	1	Corymbia chlorocarpa	Lennox Scaevola	0.21	0.28	2.52	1.85	Moderate	Retain
139	1	Corymbia chlorocarpa	Lennox Scaevola	0.18	0.23	2.16	1.79	Moderate	Retain
140	1	Corymbia chlorocarpa	Lennox Scaevola	0.32	0.38	3.84	2.23	Moderate	Retain
141	1	Casuarina cunninghamiana	River She-Oak	0.17	0.24	2.04	1.82	Low	Retain
142	1	Casuarina cunninghamiana	River She-Oak	0.16	0.24	2.00	1.82	Low	Retain
143	1	Casuarina cunninghamiana	River She-Oak	0.28	0.48	3.12	2.08	Moderate	Retain
144	1	Casuarina cunninghamiana	River She-Oak	0.33	0.44	3.16	2.25	Moderate	Retain
145	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.15	0.15	2.00	1.49	Low	Retain - Stage 1 only (removed in Master Plan)
146	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.12	0.19	2.00	1.65	Low	Retain - Stage 1 only (removed in Master Plan)
147	1	Casuarina cunninghamiana	River She-Oak	0.21	0.28	2.52	1.97	Moderate	Retain
148	1	Casuarina cunninghamiana	River She-Oak	0.21	0.27	2.52	1.91	Moderate	Retain
149	1	Casuarina cunninghamiana	River She-Oak	0.18	0.25	2.16	1.85	Moderate	Retain
150	1	Casuarina cunninghamiana	River She-Oak	0.39	0.58	3.48	2.20	Moderate	Retain
151	1	Casuarina cunninghamiana	River She-Oak	0.31	0.42	3.12	2.23	Moderate	Retain
152	1	Corymbia chlorocarpa	Lennox Scaevola	0.17	0.23	2.04	1.79	Low	Retain
153	1	Corymbia chlorocarpa	Lennox Scaevola	0.23	0.32	2.76	2.05	Moderate	Retain
154	1	Corymbia chlorocarpa	Lennox Scaevola	0.14	0.20	1.68	1.68	Moderate	Retain
155	1	Corymbia chlorocarpa	Lennox Scaevola	0.24	0.31	2.88	2.02	Moderate	Retain
156	1	Corymbia chlorocarpa	Lennox Scaevola	0.27	0.34	3.24	2.10	Moderate	Retain
157	1	Corymbia chlorocarpa	Lennox Scaevola	0.27	0.34	3.24	2.10	Moderate	Retain
158	1	Casuarina cunninghamiana	River She-Oak	0.45	0.62	4.32	2.68	Moderate	Retain
159	3	Eucalyptus saligna	Sydney Blue Gum	0.18	0.21	1.76	1.72	Low	Retain - Stage 1 only (removed in Master Plan)
160	1	Eucalyptus saligna	Sydney Blue Gum	0.58	0.65	6.96	2.76	High	Retain
161	1	Eucalyptus saligna	Sydney Blue Gum	0.55	0.68	6.60	2.76	High	Retain
162	3	Casuarina cunninghamiana	River She-Oak	0.15	0.17	2.00	1.57	Low	Retain - Stage 1 only (removed in Master Plan)
163	1	Casuarina cunninghamiana	River She-Oak	0.09	0.14	2.00	1.45	Low	Retain - Stage 1 only (removed in Master Plan)
164	1	Casuarina cunninghamiana	River She-Oak	0.23	0.31	2.76	2.02	Low	Retain - Stage 1 only (removed in Master Plan)
165	1	Casuarina cunninghamiana	River She-Oak	0.23	0.33	3.00	2.08	Low	Retain - Stage 1 only (removed in Master Plan)
166	1	Casuarina cunninghamiana	River She-Oak	0.34	0.48	3.96	2.37	Low	Retain - Stage 1 only (removed in Master Plan)
167	1	Casuarina cunninghamiana	River She-Oak	0.30	0.45	4.08	2.37	Low	Retain - Stage 1 only (removed in Master Plan)
168	3	Callistemon viminalis cv.	Weeping Bottlebrush	0.10	0.10	2.00	1.49	Low	Retain - Stage 1 only (removed in Master Plan)
169	1	Casuarina cunninghamiana	River She-Oak	0.60	0.66	7.20	2.76	Moderate	Retain - Stage 1 only (removed in Master Plan)
170	1	Liquidambar styraciflua	Liquidambar	0.38	0.50	4.68	2.47	Low	Retain - Stage 1 only (removed in Master Plan)
171	1	Liquidambar styraciflua	Liquidambar	0.26	0.30	3.12	2.00	Low	Retain - Stage 1 only (removed in Master Plan)
172	1	Liquidambar styraciflua	Liquidambar	0.61	0.78	7.32	2.98	Moderate	Retain - Stage 1 only (removed in Master Plan)
173	1	Corymbia chlorocarpa	Lennox Scaevola	0.31	0.42	3.72	2.32	Moderate	Retain
174	1	Corymbia chlorocarpa	Lennox Scaevola	0.38	0.50	4.56	2.47	Moderate	Retain
175	1	Corymbia chlorocarpa	Lennox Scaevola	0.28	0.38	2.88	2.10	Moderate	Retain
176	1	Corymbia chlorocarpa	Lennox Scaevola	0.22	0.28	2.64	1.94	Moderate	Retain
177	1	Corymbia chlorocarpa	Lennox Scaevola	0.29	0.38	3.48	2.23	Moderate	Retain
178	1	Corymbia chlorocarpa	Lennox Scaevola	0.26	0.33	3.12	2.08	Moderate	Retain
179	1	Corymbia chlorocarpa	Lennox Scaevola	0.38	0.50	4.56	2.47	Moderate	Retain
180	1	Corymbia chlorocarpa	Lennox Scaevola	0.38	0.43	4.32	2.32	High	Retain
181	1	Corymbia chlorocarpa	Lennox Scaevola	0.31	0.40	3.72	2.25	Moderate	Retain
182	1	Acacia saligna	Black Tree	0.11	0.14	2.00	1.45	Low	Retain
183	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.09	0.11	1.00	1.51	Low	Retain - Stage 1 only (removed in Master Plan)
184	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.17	0.22	2.04	1.75	Low	Retain - Stage 1 only (removed in Master Plan)
185	1	Gleditsia acuminata 'Stadenaster'	Green Honey Locust	0.33	0.41	3.96	2.28	Low	Retain - Stage 1 only (removed in Master Plan)
186	1	Corymbia chlorocarpa	Lennox Scaevola	0.34	0.48	4.08	2.37	High	Retain
187	1	Corymbia chlorocarpa	Lennox Scaevola	0.32	0.40	3.84	2.25	Moderate	Ret