GREEN TREE
CONSULTANCY

Arboricultural Consultancy Professionals

Arboricultural Impact Assessment

TripleTwoNine Project

Site Details:

Lot 2 / DP 714965

13 Endeavour Road,
Caringbah
NSW 2229

Client:

Aliro Group Pty Ltd
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1 Summary

1.1.1 Green Tree Consultancy (GTC) have been engaged by Andrew Whiteman of Aliro Group Pty. Ltd. to prepare an Arboricultural Impact Assessment (AIA) report associated with the development proposal known as the "TripleTwoNine" project.

1.1.2 This report forms version 3.0 of the AIA subsequent to a preliminary AIA report based off of the concept masterplan design, and a Request for Further Information (RFI) from Council following the DA submission.

1.1.3 This report has been compiled to provide assessment and determination of the development impacts upon the site trees based off the final design provided to GTC by the client.

1.1.4 The subject site is legally classified as Lot 2 / DP 714965 located at 13 Endeavour Road, Caringbah NSW 2229.

1.1.5 Assessment of the trees was undertaken on 14, 15, 19 and 20 June 2023 by Joe Floyd & Tom Hare.

1.1.6 Arboricultural assessment of the tree(s) was undertaken utilising elements of the *Visual Tree Assessment procedure* (VTA) framework (Claus Mattheck, 1994), by qualified and experienced consulting arborists employing industry best practice methodologies.

1.1.7 A total of eight-hundred and forty-four (844) trees were subject to assessment for the purposes of compiling this report.

1.1.8 A detailed Tree Inspection Schedule has been included within this report and can be found in section - **Appendix 3: Tree Schedule**.

1.1.9 The inspection schedule documents all arboricultural observations and data for the subject trees obtained at the time of assessment.

1.1.10 The tree population consists of an extensive mix of species, inclusive of both Australian native and introduced species. Tree health and condition evidently varies throughout the site, however the overall rating for the tree population was fair-good health and fair structural condition.

1.1.11 The current proposal has been subject to ongoing consultation and revision since the initial concept design. The process has aimed to mitigate impacts to the site trees where practicable with a focus on the concerns raised by Council at the Pre-DA stage.

1.1.12 The review process has resulted in a significantly improved design, demonstrating feasibility for far greater tree retention numbers than originally proposed, particularly with respect to the perimeter trees.

1.1.13 Tree mapping has been developed to show the location, retention value, TPZ's and SRZ's of the subject trees in relation to the site.

1.1.14 Additional plans have been compiled to overlay this data onto the site plans to enable assessment and oversight of the proposed development impacts upon the trees.

1.1.15 A detailed Impact Assessment was compiled as part of this report to assess the impacts imposed upon the subject trees from the proposal.

1.1.16 The assessment looked at each tree or tree group at an individual level, and considered the type, level and severity of impact(s) upon the tree(s) to determine the feasibility of available mitigation measures.

1.1.17 The assessment results determined the following tree retention and removal outcomes should the development proceed:

- Four-hundred and fifty-nine (459) trees will require removal should the current proposal proceed.
- One (1) tree should be removed regardless of the development due to its hazardous form (Tree 35).
- Three-hundred and eighty-four (384) trees are viable for retention under the current design.

1.1.18 Detailed recommendations have been included within the report to guide tree removal, retention and protection requirements.

1.1.19 This report does not in any part count as consent for the recommendations contained within. Any tree pruning or removal works must only be undertaken following approval from the consent authority.

2 Contents

3 Introduction

3.1 Background

3.1.1 Green Tree Consultancy (GTC) have been engaged by Andrew Whiteman of Aliro Group Pty. Ltd. to prepare an Arboricultural Impact Assessment (AIA) report associated with the development proposal known as the "TripleTwoNine" project.

3.1.2 This report forms version 3.0 of the AIA subsequent to a preliminary AIA and a Request for Further Information (RFI) from Council following the DA submission.

3.1.3 Consultation between the design team and GTC has been undertaken since the development of the concept design, with the aim of achieving an outcome that results in the retention of the most appropriate trees where practicable within the constraints of the project objectives.

3.1.4 This report has been compiled to provide assessment and determination of the development impacts upon the site trees, based off the final design that has been provided to GTC by the client.

3.2 The Proposal

3.2.1 This DA seeks approval for a mixed-use warehouse and distribution, light industrial, commercial, child care and cafe development known as TripleTwoNine, 13 Endeavour Road, Caringbah, operating 24 hours 7 days a week.

3.2.2 The works involve demolition of some existing buildings and propose construction of eight new buildings in a staged manner. Specifically, this development proposes the following:

- Retention of existing Buildings 1 and 2 at the northern portion of the site
- Staged early works for each proposed new building, including:
- Demolition of existing structures, buildings, and hardstand including removal of trees
- Site establishment and preparation including earthworks, construction of stormwater and services infrastructure, and augmentation of utilities as required
- Staged construction and occupation of 8 new buildings for warehouse and distribution and light industrial uses, with ancillary supporting office, 68-place child care centre and food and drink premises.
- Provision of car parking.
- Operation of the site 24 hours per day, 7 days a week.
- Landscaping works and estate domain works including estate roads and footpaths
- Estate wayfinding signage
- Dedication of land relating to the Captain Cook Drive roundabout, and a right of way for the access road linking the Solander Fields Car Park to Captain Cook Drive

Further detail of the proposal can be acquired by review of the project designs as detailed within Table 1 below.

3.3 Scope

3.3.1 The scope of the report was to inspect and assess all trees located within and adjacent to the subject site that had the potential to be impacted by the proposed development. Assessment was to include quantitative and qualitative arboricultural information for the subject trees to determine tree significance and retention value(s).

3.3.2 This information was to be utilised in the preparation of the Impact Assessment, which aims to identify the impacts of the proposed development upon the subject trees and determine appropriate mitigation measures to enable the retention of significant trees where feasible.

3.3.3 The report aims to provide accurate recommendations for the resulting tree removal, retention and protection requirements.

3.3.4 The report has been prepared in accordance with the requirements of AS4970-2009: *Protection of Trees on Development Sites* (Standards Australia, 2009).

3.3.5 The following planning and legislative guidelines have been considered in the preparation of this report.

- State Environmental Planning Policy 2021 (SEPP) Biodiversity & Conservation; Chapter 2- Vegetation in non-rural areas
- Sutherland Shire Local Environmental Plan (LEP) 2015
- Sutherland Shire Development Control Plan (DCP) 2015
- Sutherland Shire Council Urban Tree & Bushland Policy 2021
- Australian Standard AS4970-2009 'Protection of trees on development sites' (AS4970)
- Australian Standard AS4373-2007 'Pruning of amenity trees' (AS4373)

3.4 Council RFI Response

3.4.1 Subsequent to the lodgement of the DA submission, Council responded with an RFI to address multiple aspects and disciplines associated with the proposal.

3.4.2 This report includes information relevant to the arboricultural aspects of the RFI. In addition to this report, GTC have included responses within the letter by GTC dated 30th October 2024.

3.4.3 Where feasible, RFI concerns and recommendations have been accommodated and the proposal adapted.

3.4.4 Where accommodation of the RFI requests and recommendations were deemed unfeasible under the revised proposal, justification has been provided to provide Council with adequate information as to why the item(s) were not suitable for inclusion.

3.5 Document Schedule

3.5.1 The documents listed below were provided to GTC by the client and have been relied upon for the preparation of this report.

Ref. No.	Document / Drawing Title	Author	Date
SY074865.000.1.4	Site Survey – Sheets: 1-12	Land Partners	19/8/2020
21366-005-D	Estate Masterplan – Rev. D	Watson Young	18/10/2024
VMP	Vegetation Management Plan -Rev.4	écologique	17/10/2024
BAR	Biodiversity Assessment Report-Rev.3	écologique	17/10/2024
23106	Civil Plans – Rev.C	Sparks & Partners	11/10/2024
E0-CV-RPT_SW	STORMWATER MANAGEMENT REPORT	Sparks & Partners	11/10/2024
23106_C_RPT_Flood Study	FLOOD MANAGEMENT REPORT	Sparks & Partners	14/10/2024
H8-22053	Landscape Concept Plan	Habit8	30/9/2024
RFI	Request for Further Information	SSC	3/5/2024
ALR	Arboricultural and Landscape Review	SLC	18/6/2024
GTC-RFI-Resp.	GTC RFI Response Letter	GTC	30/10/2024

Table 1 – Document Register

4 Methodology

4.1.1 Assessment of the trees was undertaken on 14, 15, 19 and 20 June 2023 by Joe Floyd & Tom Hare.

4.1.2 Arboricultural assessment of the tree(s) was undertaken utilising elements of the *Visual Tree Assessment procedure* (VTA) framework (Claus Mattheck, 1994), by qualified and experienced consulting arborists employing industry best practice methodologies.

4.1.3 Trees within the survey area were geo-located and data collected utilising a hand-held data collector and TRIMBLE TerraFlex software. The device is fitted with an external DA2 aerial capable of 30cm accuracy when used in optimal conditions.

4.1.4 Tree Protection Zones (TPZ) and Structural Root Zones (SRZ) were calculated in accordance with Australian Standard *AS4970-2009: Protection of Trees on Development Sites* (Standards Australia, 2009).

4.1.5 Tree Retention Values were determined using the Institute of Australian Consulting Arborists (IACA) *'Significance of a Tree, Assessment Rating System'* (STARS) (IACA©, 2010).

4.1.6 Tree mapping has been compiled utilising QGIS, CAD and Bluebeam software to overlay the obtained tree data onto the plans provided by the client, TPZ encroachments were then calculated in QGIS.

Further detail regarding Arboricultural assessment considerations can be found in **Appendix 1** of this report.

4.2 Limitations

4.2.1 This report has been compiled based only the observations made at the time of the site assessment(s) and from the information provided by the client as detailed in Table 1. All observations were made from within the subject site and from ground-level where access was reasonably available.

4.2.2 Unless specified otherwise, tree dimensions have been estimated. No internal diagnostic testing, sub-surface root testing or soil analysis has been completed.

4.2.3 Only trees located within or directly adjacent to the subject site(s) boundaries that had the potential to be impacted were captured.

4.2.4 Site trees that did not comply with the definition criteria of a 'tree' in accordance with Councils Development Control Plan (DCP) may have been excluded from the assessment. Similarly, trees within neighbouring properties that were quarantined within the TPZ(s) of larger, more significant trees may not have been individually captured or detailed within this report.

4.2.5 Assessment of tree health and condition has been included to guide assessment of tree retention aspects only and is based on a basic visual assessment using elements of the VTA method.

Structural features, potential defects and hazards may be discussed briefly within this report for the purposes of providing context; however, this report is not designed to be, nor does it satisfy the requirements of a detailed Arboricultural Risk Assessment report.

4.2.6 This report has been prepared considering the plans made available to GTC at the time of writing the report only. Where detail has subsequently changed or was unavailable to GTC, there may be areas that require further assessment and revision of the recommendations within this report upon finalisation of the approved plans.

5 The Site

5.1 Overview

5.1.1 The subject site is legally classified as Lot 2 / DP 714965 located at 13 Endeavour Road, Caringbah NSW 2229. For the purposes of this report it will be further referenced as “the site”.

5.1.2 The site is located within the Sutherland Shire Council (SSC) Local Government Area (LGA) area and is subject to the conditions detailed within Councils Development Control Plan (DCP).

5.2 Site Specific Environmental & Planning Controls

5.2.1 The site is detailed within the DPE eSpatial mapping system as zone SP4 - Enterprise.

5.2.2 The site is not mapped on the NSW Department of Planning & Environment Biodiversity Values Map (BVM), as an area of Biodiversity Value (Environment, Biodiversity Values Map, 2023).

5.2.3 The site is not mapped on the SEED database as containing a Threatened Ecological Community (TEC), (DPIE, 2023).

5.2.4 The site is mapped on the Terrestrial Biodiversity Map (DPE, 2023).

5.2.5 The site is not mapped as Bushfire Prone Lands.

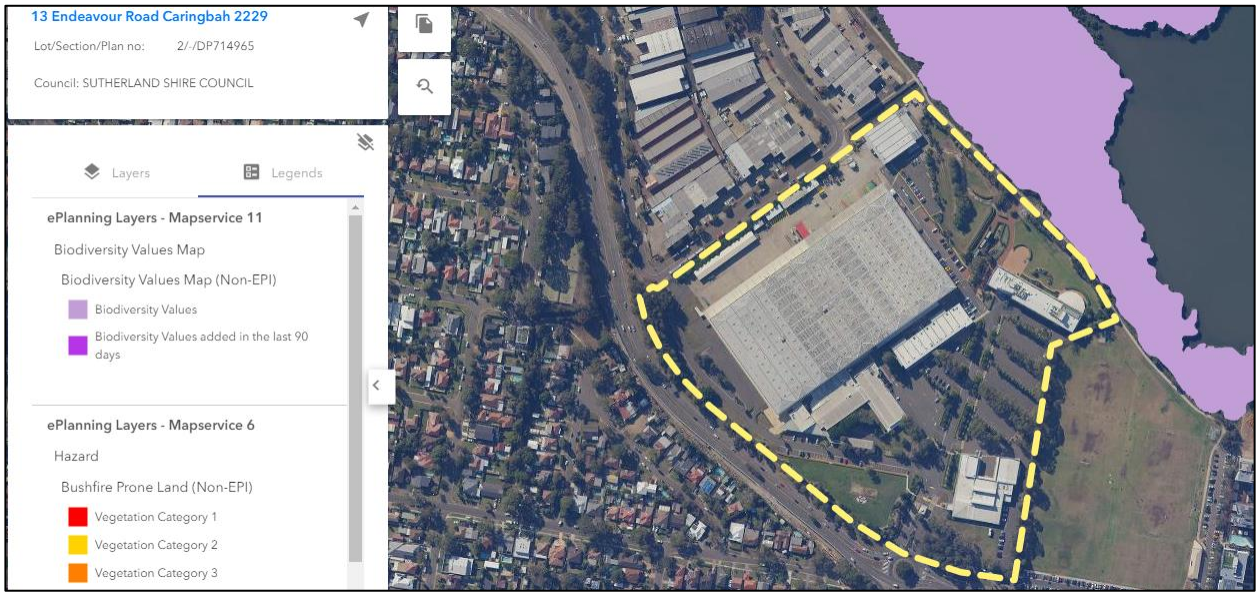

Figure 1 - Showing the subject site highlighted by the yellow dashed line, with the BVM and bushfire prone lands overlay - (Environment, ePlanning Spatial Viewer, 2023)

6 The Trees

6.1 Tree Schedule

6.1.1 A detailed Tree Inspection Schedule has been included within this report and can be found in section - **Appendix 3: Tree Schedule**.

6.1.2 The inspection schedule documents all arboricultural observations and data for the subject trees obtained at the time of assessment.

6.2 Tree Population

6.2.1 The tree population consists of an extensive mix of species, inclusive of both Australian native and introduced species. Tree health and condition evidently varies throughout the site, however the overall rating for the tree population was fair-good health and fair structural condition.

6.2.2 The site contains a number of species commonly referred to as Palm trees. The site contains approximately nineteen (19) different species of palms. With the most abundant species being *Washingtonia robusta* (Washingtonia Palm). Washingtonia Palms account for over 50% of the total number of palm species on site.

6.3 Palm Tree Health

6.3.1 Several of the Palms on site displayed symptoms indicating the trees are likely infected with the disease commonly known as “Fusarium Wilt”. Fusarium Wilt is a highly transmittable fungal pathogen that affects the trees vascular system and ultimately results in the death of the tree. (Laurence, Summerell , & Liew, 2015). Species observed to be most affected were predominantly; *Washingtonia robusta* (Washingtonia Palm) & *Phoenix canariensis* (Date Palm).

6.3.2 Laboratory testing would be required for a confirmed identification; however, the trees demonstrated the characteristic wilting form and associated poor health/condition typically associated with the disease.

6.3.3 As such, many of these trees were allocated a reduced retention value and have been determined to be a lower priority for retention than would generally be expected.

6.3.4 Palm trees are often considered to be suitable species for transplanting; however, it is suggested that the associated species should be considered as a potential transmitter of the pathogen and are therefore deemed inappropriate for transplanting.

6.4 Internal Tree Stands & Avenues

6.4.1 Existing trees located internally within the site predominantly consist of stands/avenues of single-species tree groups. The majority of these trees were observed to have grown in “forest form” due to the nature of their tightly packed growing environment, causing unbalanced asymmetrical canopies, and below average stem taper for the size/age-class of the tree(s).

6.4.2 When assessing these trees as a group, they demonstrate a reasonable contribution to the surrounding landscape. However, when considering the trees at an individual level, the trees were determined to be of far lower significance due to their undesirable form. Therefore, unless the tree groups can be retained as a whole, it greatly reduces the individual trees viability for retention when assessing their location against the proposed development.

6.4.3 As such, the trees within groups were allocated a lower retention value than may typically be considered. Trees determined to be capable of retention as a single-standing specimen were allocated a higher retention value as they were considered to be more suitable for retention as part of the proposed development.

6.5 Biodiversity

6.5.1 The proposal currently indicates that a substantial loss of established vegetation throughout the site is likely, potential impacts to biodiversity may require review by an Ecologist due to the site being mapped on the Terrestrial Biodiversity map. However, it is noted that at the time of assessment, the site itself is not subject to any BVM or TEC listings.

6.5.2 Assessments relating to biodiversity impacts fall outside of the scope of this report.

7 Impact Assessment

7.1 Design Review Process

7.1.1 The current proposal has been subject to ongoing consultation and revision since the initial concept design. The process has aimed to mitigate impacts to the site trees where practicable with a focus on the concerns raised by Council.

7.1.2 The review process has resulted in a significantly improved design, demonstrating feasibility for far greater tree retention numbers than originally proposed, particularly with respect to the perimeter trees. Nevertheless, it is noted that despite the revisions, a significant number of trees are likely to require removal within the internal areas of the site due to the complex planning and construction requirements associated with the proposal.

7.1.3 The following Impact Assessment has been based off of the final, client provided design.

7.2 Tree Mapping

7.2.1 Tree mapping has been developed to show the tree data overlaid onto the architectural/design plans.

7.2.2 All arboricultural plans have been included in this report and can be found in - **Appendix 4: Tree mapping.**

7.3 Assessment

7.3.1 A detailed Impact Assessment has been compiled as part of this report to assess the impacts imposed upon the subject trees from the proposal.

7.3.2 The assessment looked at each tree or tree group at an individual level, and considered the type, level and severity of impact(s) upon the tree(s) to determine the feasibility of available mitigation measures.

7.3.3 Following the assessment, a determination was made as to whether the tree(s) was considered viable for retention should the development proceed.

7.3.4 Where the trees were deemed to be feasible for retention, the required mitigation measures have been detailed within the recommendations section of this report.

7.4 Primary Impacts

7.4.1 Whilst the impact assessment considers several impact types, there are two (2) primary impacts from the proposal to the trees. The primary impacts without doubt imposed the greatest constraint upon tree retention and subsequently dictated the overall design and all secondary impacts.

7.4.2 **Bulk earthworks** – The site is subject to extensive earthworks in the form of cut/fill determined following the completion of flood modelling and associated stormwater plans. Design aspects required alignment with compliant flood modelling resulting in extensive cut/fill throughout the site. This primary impact rendered many of the trees unfeasible for retention outside of the trees located along the outer site boundaries.

7.4.3 **Building footprints** – The proposed building footprints encompass a vast number of trees on site. Whilst attempts have been made to achieve a design that accommodates retention of high value trees, the constraints imposed by achieving a commercially viable design in line with the site usage and associated flood modelling rendered the majority of the internal trees non-viable for retention.

7.5 Existing Structures

7.5.1 Where existing structures are present within the site, consideration has been given to the reduced implication of tree TPZ's subject to existing structural encroachment(s).

7.5.2 If there is an existing structure within the TPZ of a tree proposed for retention, then provided the proposed structure is considered to be similar in nature, level, or construction to the existing, then it may greatly reduce the impact of the encroachment. Regardless of the encroachment size. i.e. if a road is proposed within the TPZ of a tree that was already subject to a TPZ encroachment associated with hard standing, then it is reasonable to assume that the impact is likely to be far less than that of a tree with no existing encroachment/structure within the TPZ.

7.6 Results

7.6.1 The following table has been included to provide a summary of the findings and resulting tree removal and retention requirements.

Conclusion	Description	Tree Number(s)	Total
Retain: Zero Encroachment	Trees are located outside of extent of the proposed works. Tree(s) to be retained with basic tree protection measures implemented.	1-25, 29-34, 71, 107, 108, 110, 111, 116, 490-683, 743-768, 805, 807-836	**288**
Retain: Minor (<10%) Encroachment	Minor encroachment only from proposed design. Allowance for compensatory TPZ and basic tree protection measures implemented.	26, 27, 61, 68, 69, 72, 73, 75, 76, 83-85, 103-106, 109, 112, 113, 115, 489, 769, 778, 838-841, 843	**27**
Retain: Major (>10%) Encroachment Mitigation Feasible	Major encroachment requiring specific tree protection measures. Trees deemed to be viable for retention is mitigation measures are implemented.	28, 50-60, 62-67, 70, 74, 77-82, 86-102, 114, 125, 126, 148-151, 153-163, 166-169, 449, 837, 842, 844	**69**
Remove: Major (>10%) Encroachment Not Feasible for Mitigation	Major encroachment without suitable mitigation measures available. Tree removal required for the development to proceed.	49, 165, 170, 200, 488, 770, 775, 779	**8**
Remove: Total 100% Encroachment	Total encroachment of the tree from the design proposal. Tree removal required for the development to proceed.	36-48, 117-124, 127-147, 152, 164, 171-199, 201-448, 450-487, 489, 684-742, 771-774, 776, 777, 780-806, 845	**451**
Remove: Hazardous Tree	Tree has been assigned a hazardous rating following assessment of its structural condition & should be removed.	35	**1**

Table 2 - Impact Assessment Results

8 Recommendations

8.1 Overview

8.1.1 This report does not in any part count as consent for the recommendations contained within. Any tree pruning or removal works must only be undertaken following approval from the consent authority.

8.1.2 Tree Removal & Retention

- Four-hundred and fifty-nine (459) trees require removal should the current proposal proceed.
- One (1) tree should be removed regardless of the development due to its hazardous form (Tree 35).
- Three-hundred and eighty-four (384) trees are viable for retention under the current design.

8.2 Tree Removal

8.2.1 The Project Arborist is to attend site prior to site establishment to clearly identify and mark the correct trees for removal.

8.2.2 All tree removal works are to be undertaken by a suitably experienced and insured arborist with a minimum qualification of AQF Level-3 in Arboriculture.

8.2.3 Works must be carried out in accordance with the following:

- *(AS4373 – 2007) Pruning of Amenity Trees*
- *NSW Code of Practice for the Amenity Tree Industry 1998*
- *NSW Code of Practice for Work Near Overhead Power Lines 2006*
- *NSW Work Health & Safety Act & Regulations 2011*
- *Safe Work Guide to managing Risks of Tree Trimming and Removal Work 2016*

8.2.4 Palm tree removals will likely require specific processes due to the potential biosecurity hazard associated with Fusarium Wilt.

8.2.5 The contractor engaged for the removal of the trees should consult with the Department of Primary Industries (DPI) to confirm the required protocols, but as a minimum the following should be considered:

  - Palms should be removed separately to all other species,
  - Debris should be disposed of at a suitable facility, and
  - tools must be sterilised afterward to reduce the risk of cross contamination.

8.3 Replacement Planting

8.3.1 Replacement Planting numbers have increased since the submission of the original DA from 337, to 387 replacement tree plantings.

8.3.2 Planting plans and schedules fall outside of the scope of GTC's engagement, refer to the Landscape Concept Plan and the Vegetation Management Plans for further detail.

8.3.3 Whilst GTC acknowledge that the LCP provides an increased number of proposed plantings. The success of the proposed plantings and subsequent replacement canopy cover will be dependent on the final planting and tree pit designs.

8.3.4 It is noted that a significant number of the proposed plantings are located within narrow finger beds, road verges, car park spaces and other areas of hard standing.

8.3.5 If implemented, modern design practices allow for the ability to achieve successful plantings of mature canopy species within restricted areas. However, this is only possible by implementing tree pits that extend well below ground and beyond the limits of the above ground tree pit edges. This must be a focus of the planting plans to accommodate adequate deep soil volumes via the use of sub grade tree "vaults" and detailed tree pit design to accommodate the proposed plantings.

8.3.6 Planting within the limits of the proposed above grade space only will likely result in a poor outcome.

9 Tree Protection Recommendations

9.1 Introduction

9.1.1 All trees proposed for retention are to be protected in accordance with Australian Standard: AS4970-2009 “Protection of trees on development sites”.

9.1.2 The following recommendations highlight the primary tree protection measure requirements. A detailed tree protection methodology has been provided to further guide the implementation of the recommendations.

9.1.3 The tree protection methodology can be found in section - **Appendix 2: Tree Protection Methodology**.

9.2 Appointment of a Project Arborist

9.2.1 Upon development approval, a Project Arborist (PA) should be engaged to oversee all arboricultural aspects associated with the development.

9.2.2 The PA is to be engaged prior to site establishment and occupancy by the Principal Contractor (PC).

9.2.3 Collaboration between the PC & PA will be necessary to ensure an effective tree retention outcome.

9.3 Basic Tree Protection Measures

9.3.1 Physical Tree Protection Measures (TPM) must be installed to protect all retained trees from incidental damage throughout the duration of the development.

9.3.2 As a minimum, tree protection fencing must be installed around the TPZ perimeter of any tree proposed for retention to form a barricaded tree protection zone. The fenced area should display signage that clearly identifies the area as a restricted tree protection zone, examples of appropriate signage have been included within the tree protection methodology.

9.3.3 Restricted activities are imposed within all tree protection zones, detail of restrictions can be found in the tree protection methodology. Access to or works within the TPZ are strictly prohibited without the prior approval of the PA.

9.3.4 Tree protection zones may require mulching and irrigation throughout the construction process. The PA can provide guidance as to the necessity and requirements of mulch and irrigation in line with the tree protection methodology.

9.3.5 Trees located within/adjacent to site access and egress points may require additional protection such as ground and trunk protection. This aspect should be reviewed by the Project Arborist upon completion of the Construction Management Plan.

9.4 Specific Tree Protection Measures

9.4.1 The below table identifies tree specific protection requirements.

9.4.2 It should be noted that in addition to the specific measures outlined below, all basic tree protection measures detailed above must be applied to the subject trees.

Trees	Impact	Tree Protection Requirements
28	• Bulk Earthworks – Plans show minor fill within the TPZ	• All works including demolition and bulk earthworks within the TPZ are to be completed under the supervision of the project arborist • Minimise fill within the TPZ where feasible
50 – 60, 62-67, 70, 74, 77-82, 86-102, 114, 125, 126, 148-151, 153-163, 166-169	• Demolition of existing road surface • Bulk Earthworks – Plans show minor fill within the TPZ • Proposed road upgrade • Installation of services • Construction of retaining wall	These trees are located within the existing garden bed along the boundary with Solander Fields. Whilst the TPZ encroachments to many of the trees is major, existing structure(s) are in situ in the same location as the proposed road upgrade. For this reason, provided specific tree protection and tree sensitive construction measures are implemented, retention remains viable • Locate services outside of the TPZ where feasible • Demolition of the existing road surface is to be completed under the supervision of the project arborist to ensure assessment and retention of potential tree roots located beneath the surface • Excavation within the TPZ(s) is to be undertaken utilising non-destructive measures such as HydroVac under the supervision of the project arborist • New road is to be constructed at or above existing grade to retain any structural roots located below the existing structure • Retaining wall is to be constructed above existing grade and then subject to minor fill, where depth is required for the footing(s) of the retaining wall, piers are to be utilised following determination of any potential root locations
449	• Bulk Earthworks – Plans show cut within the TPZ	• Minimise cut within the TPZ where feasible • Excavation is to be undertaken utilising non-destructive measures such as HydroVac • All works including demolition and bulk earthworks within the TPZ are to be completed under the supervision of the project arborist
833, 835, 836, 837, 842, 843, 844	• Bulk Earthworks – Plans show minor fill within the TPZ	• All works including demolition and bulk earthworks within the TPZ are to be completed under the supervision of the project arborist • Minimise fill within the TPZ where feasible

Table 3 - Tree Specific Protection Requirements

10 References

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Standards Australia. (2009). *AS4970-2009 - Protection of trees on development sites.* Sydney: SAI Global.

11 Glossary of Common Terms & Abbreviations

AIA: Arboricultural Impact Assessment

AS4373-2007: Australian Standard AS4373-2007: 'Pruning of amenity trees' is the underpinning standard to which practical Arboricultural works are based upon within Australia.

AS4970-2009: Australian Standard AS4970-2009: 'Protection of trees on development sites' is the underpinning standard to which development-based Arboricultural works and guidance are based upon within Australia

BVM: Biodiversity Values Map

CDC: Complying Development Certificate

CMP: Construction Management Plan

DA: Development Application

DAB: Diameter at Base - The diameter of the tree taken at ground level above the root buttress flare

DBH: Diameter at Breast Height - Measurement of trunk width calculated at a given distance above ground from the base of the tree often measured at 1.4m.

DCP: Development Control Plan

ELE: Estimated Life Expectancy

GTC: Green Tree Consultancy

H/D: Height over Diameter

IACA: Institute of Australian Consulting Arborists

LEP: Local Environmental plan

LGA: Local Government Area

PA: Project Arborist

PC: Principal Contractor

PM: Project Manager

SEPP: State Environmental Planning Policy

SRZ: Structural Root Zone

STARS: Significance of a Tree Assessment Rating System

TEC: Threatened Ecological Community

TPM: Tree Protection Measures

TPZ: Tree Protection Zone

VTA: Visual Tree Assessment

12 Disclaimer

The information contained within this report is to be used solely for the purposes that were specified at the time of engagement.

All attempts have been made to ensure the legitimacy of any information which has been gathered in the process of compiling this report, however, Green Tree Consultancy cannot be held liable for inaccurate or misguiding information which has been provided by others.

Any tree inspections or assessments which have been carried out for the purposes of this report are valid only at the time of inspection and are based on what could reasonably be seen or diagnosed from during the inspection.

Unless otherwise stated, all inspections utilised the processes of the Visual Tree Assessment (VTA) procedure in the form of a basic VTA, in addition to the application of industry best practice and learnt knowledge.

No internal diagnostic testing or below ground investigation has been carried out unless otherwise stated.

Trees are a dynamic living organism and as such they have a finite lifespan the end of which cannot always be predicted or understood, even apparently healthy trees can die suddenly or fall without warning. As such there is no warranty or guarantee provided, or implied, regarding the future risks associated with any tree.

Unless specifically stated within the scope and methodology sections of this report, this report does not constitute a detailed Arboricultural Hazard & Risk Assessment if relating to construction and development related report types.

Assessment of tree health and condition has been included to guide assessment of tree retention aspects only and is based on a basic visual assessment using elements of the VTA method. Tree defects may be discussed briefly within this report; however, this report does not satisfy the requirements of a detailed Arboricultural Risk Assessment report.

It is noted that upon acceptance and completion of any development, that there may be trees that impose a risk of impacting a target that was not previously present prior to the development.

It is up to the client and the tree owner/manager to determine the risk threshold that they are willing to accept and undertake a suitably detailed Arboricultural risk assessment that identifies potential tree risk(s) and provides tree management recommendations in line with this threshold.

Please feel free to contact GTC if you have any questions regarding this report.

13 Appendix 1: Tree Assessment Methodology

13.1 Visual Tree Assessment (VTA)

13.1.1 The VTA system is based on the theory of tree biology and physiology, as well as tree architecture and structure. This method is used by arborists to identify visible signs on trees that indicate good health, or potential problems. Symptoms of decay, growth patterns and defects are identified and assessed as to their potential to cause whole-tree, part-tree and/or branch failure. This system is based around methods discussed in `*The Body Language of Trees*'. (Claus Mattheck, 1994)

13.2 Health & Vigour Assessment

13.2.1 The health and vigour of a tree are assessed by looking at the tree and tree canopy and how it is performing. Certain indicators provide information on which to base the assessment. Abnormally small leaves, chlorosis (yellowing), sparse crown, wilting, and die-back can be signs of ill-health or decline but may also be related to a temporary imbalance due to drought or pest infestations. Epicormic growth can be a sign of stress and low energy reserves but can also be related to increased light levels through the removal or pruning of adjacent trees. Extension growth can be a good indicator of vigour, but this can vary greatly between species and under differing climatic conditions. For these reasons, each individual symptom or observation needs to be assessed with objectivity and consideration of all available information.

13.3 Structural Assessment

13.3.1 For the purpose of this report, elements of the VTA system will be used, along with industry standards, arboricultural literature, and other relevant studies that provide an insight into potential hazards in trees. This assessment is a snapshot of what could be reasonably seen or determined from a basic visual inspection. The VTA system is generally used as a means to identify hazardous trees; however, it is important to realize that for a tree to be hazardous there must be a target; a hazard poses no risk if there is no exposure to the hazard.

13.4 Tree Protection Zone (TPZ) & Structural Root Zone (SRZ) Methodology

13.4.1 In accordance with Australian Standard *AS4970-2009 Protection of trees on development sites* (Standards Australia, 2009), Tree Protection Zone (TPZ) radius is calculated using the following procedure. Diameter of the trunk is measured at approximately 1.4m above ground level; this measurement is referred to as DBH (Diameter at Breast Height). $R_{TPZ} = DBH \times 12$. For multi-stemmed trees the formula used is $R_{TPZ} = \sqrt{[(DBH1)^2 + (DBH2)^2 + (DBH3)^2]}$. The TPZ is measured radially from the centre of the stem and must be protected on all sides.

13.4.2 The Structural Root Zone (SRZ) radius is calculated by measuring the diameter of the stem close to ground level, just above the basal flare. This measurement is taken as ***D*** and then used in the following formula: $R_{SRZ} = (Dx50)^{0.42} \times 0.64$ and becomes the Structural Root Zone, measured radially from the centre of the stem.

13.4.3 It is important to realize that these calculations provide a notional figure only and tree dynamics, form and site conditions will greatly affect these zones, and it is the job of the arborist to interpret the information correctly.

13.4.4 For palms, cycads, tree ferns, and similar monocots, the TPZ is positioned at least 1m outside the crown projection. SRZs are not applicable to these plant types.

AS4970-2009 states "*a TPZ should not be less than 2m nor greater than 15m (except where crown protection is required*" and the minimum radius for an SRZ is 1.5m.

13.5 Tree Retention Value Methodology - Significance of a Tree Assessment Rating System (STARS)

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

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

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

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

Tree Significance - Assessment Criteria

1. High Significance in landscape

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

2. Medium Significance in landscape

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

3. Low Significance in landscape

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

Environmental Pest / Noxious Weed Species

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

Hazardous/Irreversible Decline

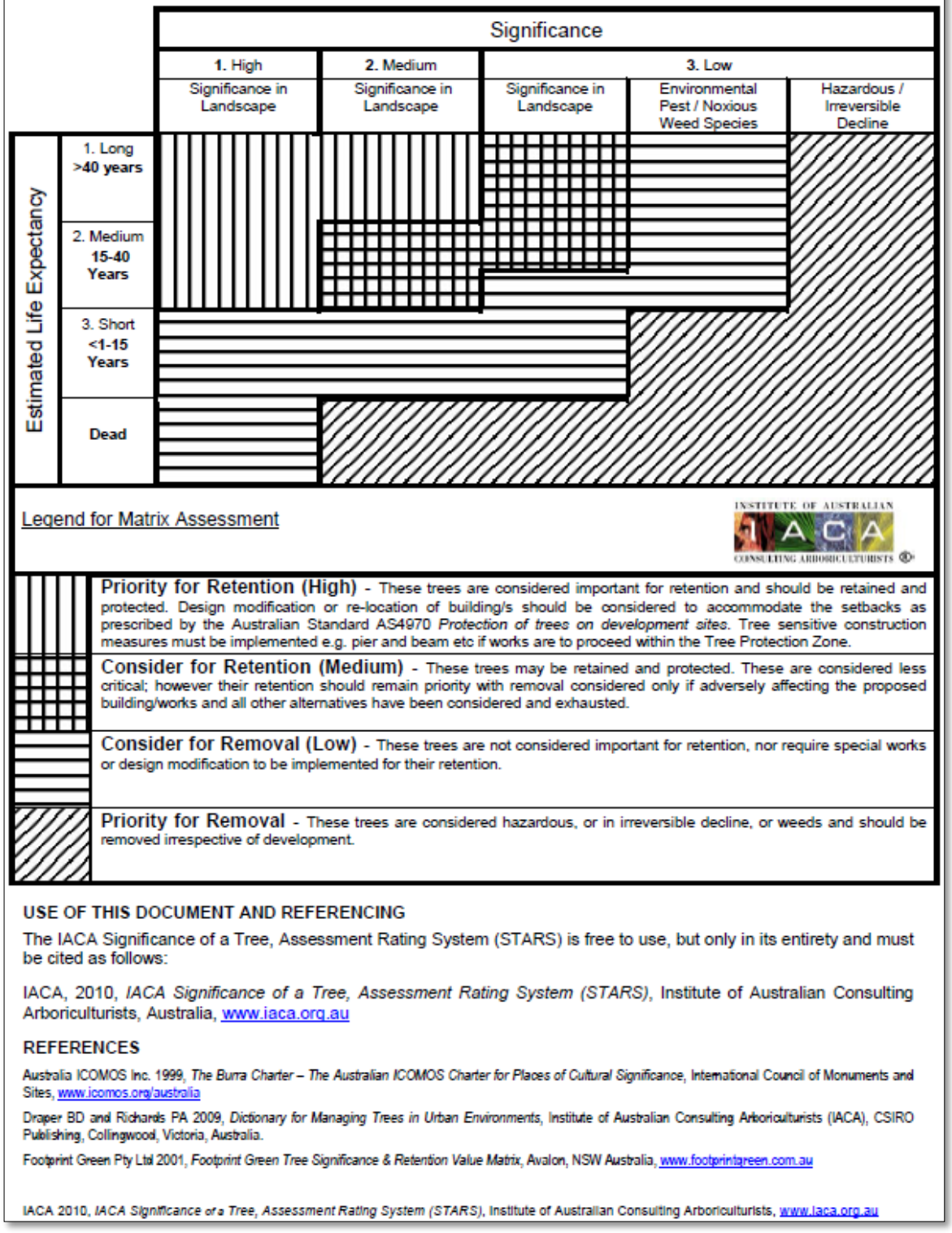
- The tree is structurally unsound and/or unstable and is considered potentially dangerous,
- The tree is dead, or is in irreversible decline, or has the potential to fail or collapse in full or part in the immediate to short term.

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

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

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

Table 1.0 Tree Retention Value - Priority Matrix.



USE OF THIS DOCUMENT AND REFERENCING

The IACA Significance of a Tree, Assessment Rating System (STARS) is free to use, but only in its entirety and must be cited as follows:

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

REFERENCES

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

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

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

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

Figure 2- Significance of a Tree Assessment Rating System (STARS) – IACA

14 Appendix 2: Tree Protection Methodology

14.1 Introduction

- Early identification & protection of important trees on development sites is essential from the outset & will minimise problems associated with retaining inappropriate trees, & in turn focus time, resources & budget on the retention & protection of the most valuable trees on site (Standards Australia, 2009).
- Tree protection will form an essential part of the success of the development & should be prioritised at the earliest stage of the project. Where trees are proposed for retention on site, proper tree protection & management procedures will be crucial in ensuring that the trees remain valuable assets over the long-term.
- The following specification has been developed to provide detailed guidance for tree protection measures & processes associated with the development project.

14.2 Applicable Standards:

Australian Standard AS4970-2009: Protection of trees on development sites (Standards Australia, 2009).

Australian Standard AS4373-2007: Pruning of amenity trees (Standards Australia, 2007).

- Australian Standards AS4373-2007 & AS4970-2009 are the underpinning documents that Arboricultural practice within Australia is based upon.
- The preparation of this specification has been prepared in accordance with & has been closely aligned with the foundations & principles of these standards.
- As such, this specification & any associated report(s) should be read in conjunction with AS4970 & AS4373.

14.3 Approval from consent authority

- It is important to note that this specification & any associated report(s), do not count as approval for the recommendations contained within. It is vital that approval is obtained from the consent authority prior to following any recommendations provided by Green Tree Consultancy as part of this specification or report.
- Upon approval from the consent authority, it is important that any variation between this specification & the Conditions of Consent (CoC) are identified, discussed & addressed with the Project Arborist, Project Manager & the consent authority to resolve any discrepancies.
- Unless otherwise advised by the consent authority, the CoC shall prevail.

14.4 Planning & Design

14.4.1 In addition to the commonly identified physical tree protection measures, tree protection is most effective when addressed through early-stage planning & design. Ideally this would mitigate the need to encroach on the tree(s) TPZ entirely resulting in only basic physical tree protection measures being required.

14.4.2 The undertaking of a Preliminary Tree Assessment report is a key step in the process of tree protection. As through consultation between planners, the design team, project managers, the principal contractor & the project arborist; redesign, planning & detailed site management can achieve an outcome that both mitigates impacts to significant trees on site, & maintains the desired outcomes of the development.

14.4.3 However, this may not always be feasible or have been considered early on in the development. Therefore, tree protection measures become paramount for the development to proceed successfully. At this point, the use of tree sensitive construction methods, combined with physical tree protection measures should be utilised for any part of the development that encroaches the TPZ of a tree proposed for retention.

14.5 Tree Sensitive Construction Methods

- Tree sensitive construction methods are methods of construction that minimise the impact(s) to the tree(s) on site. Typically, in the form of minimising impacts associated with the below ground parts of the tree(s) root system.
- Examples of tree sensitive construction methods include, but are not limited to:
    - Pier & Beam style footings
    - Cantilevered Building Sections
    - Contiguous Piling
    - Suspended Slabs
    - Screw Piles
    - Directional under-boring

14.6 Construction Management Plan

- A Construction Management Plan (CMP) should be compiled by the Principal Contractor in consultation with the Project Arborist in order to address any issues related to aspects such as the access & egress of vehicles and machinery & the storage of site materials.

14.7 Compliance

- Compliance with this specification is best managed through the appointment of a Project Arborist to ensure that works are undertaken in accordance with the recommendations & hold-points detailed within this specification.
- This specification should be clearly communicated with the Principal Contractor & Project Manager to ensure that all works are undertaken in accordance with this specification.
- Tree protection measures should form part of the site-specific induction process to ensure that all workers on site are familiar with the requirements set out within the specification.
- The Project Arborist & Project Manager are to be responsible for the monitoring & enforcement of all tree protection measures on site.

14.8 The Project Arborist

14.8.1 Project Arborist Appointment & Qualifications

- A Project Arborist (PA) with a minimum Australian Qualification Framework (AQF) Level-5 qualification in arboriculture should be appointed as the Consulting Arborist for the project.
- The PA is to have sufficient experience in managing trees on development sites & must be familiar with the required legislation & standards, & up to date on industry best practice methodologies.
- The PA is to be appointed prior to the start of any works on site, inclusive of tree pruning & removal works & prior to site establishment & occupation.

14.8.2 Responsibilities of the Project Arborist & Record Keeping

- The PA is to be consulted at the design stage to ensure that impacts to valuable trees on site is either mitigated, or effectively managed throughout the project.
- The PA is to attend an on-site meeting with the Project Manager & Principal Contractor to discuss the requirements for tree protection measures for the project. This is to be conducted prior to any works on site & prior to site establishment & occupation.
- The PA is to be responsible for the compliance with the specification, AS4970 & any CoC placed upon the development by the consent authority.
- The PA is to guide all tree pruning & removal works in accordance with AS4970 & AS4373.
- Certification of the installation of tree protection measures and any additional relevant hold-points as detailed within this specification is to be undertaken by the PA in accordance with the relevant industry standards and reporting requirements.
- The PA is responsible for supervision of any & all works within the TPZ of any tree proposed for retention.
- Record keeping of all supervision works by the PA is to be completed via a statement of attendance, detailing what works were undertaken and certifying that they were undertaken in accordance with the relevant standards e.g., AS4970 & AS4373.
- Whilst the above noted responsibilities are primarily that of the PA, it is the responsibility of the project manager/site manager to contact the PA prior to any works that require Arborist involvement and to assist with direct enforcement of all tree protection measures with all contractors.

14.9 Tree Protection Zone (TPZ)

14.9.1 Tree Protection Zone: Definition & Purpose

- The Tree Protection Zone (TPZ) is defined within AS4970 as:

  ''A specified area above and below ground and at a given distance from the trunk set aside for the protection of a tree's roots and crown to provide for the viability and stability of a tree to be retained where it is potentially subject to damage by development.'' (Standards Australia, 2009)
- The TPZ is calculated in accordance with AS4970 by taking the Diameter at Breast Height (DBH) of the subject tree and multiplying it by twelve (12).
- It is important to note that this calculation provides a notional TPZ only, which is indicative of a generalised area that a tree may require to maintain tree health & structure. There are many aspects that contribute to the TPZ, and it is up to

the PA to ensure that all aspects have been considered when determining the TPZ as this may differ from the notional TPZ calculation.

14.9.2 Structural Root Zone: Definition & Purpose

- The Structural Root Zone (SRZ) is defined within AS4970 as:

  'The area around the base of a tree required for the tree's stability in the ground. The woody root growth and soil cohesion in this area are necessary to hold the tree upright. The SRZ is nominally circular with the trunk at its centre and is expressed by its radius in metres. This zone considers a tree's structural stability only, not the root zone required for a tree's vigour and long-term viability, which will usually be a much larger area.'' (Standards Australia, 2009)

14.10 Restricted activities in the TPZ

- It is important to restrict certain activities within the TPZ in order to mitigate any detrimental impacts to the tree(s) health and condition. Some activities may not appear to be of concern, however even indirect impacts can have a long-term and lasting effect on tree health and condition.

  Examples of restricted activities as detailed within AS4970 are listed below:

  - machine excavation including trenching
  - excavation for silt fencing
  - cultivation
  - storage
  - preparation of any chemicals, including cement
  - parking of vehicles and plant
  - refuelling
  - dumping of waste
  - wash down and cleaning of equipment
  - placement of fill
  - lighting of fires
  - soil level changes
  - temporary or permanent installation of utilities
  - physical damage to the tree

14.11 TPZ Considerations

14.11.1 TPZ Encroachments

- Encroachment to the TPZ may at times be a necessity due to site limitations and constraints & are generally decided upon during the planning & Development Application stages. It is imperative that any encroachment to the TPZ is only undertaken with prior approval from the Consent Authority & under the guidance of the PA.
- TPZ encroachments are considered to be items that have a longer-term effect on the TPZ e.g., excavation, trenching, building footings, installation of services etc.
- There are typically two (2) categories of TPZ encroachment which each have their own specific assessment & management processes as detailed below.

14.11.2 Minor TPZ Encroachments:

- Where an encroachment is <10% of the trees total TPZ area & provided it is outside of the SRZ, then it is considered to be a minor encroachment.
- A minor encroachment would not generally warrant further, or detailed root investigation.
- Where an encroachment occurs, the TPZ must be adapted to compensate for the loss of area due to the encroachment, the compensated area must be contiguous to the existing TPZ.

14.11.3 Major TPZ Encroachments:

- Where an encroachment is >10% of the trees total TPZ area, or if it encroaches the SRZ, then it is considered to be a major encroachment.
- A major encroachment will require assessment by the PA and may require exploratory root investigation works to demonstrate the viability of the tree over the long-term.
- As with a minor encroachment, where an encroachment occurs, the TPZ must be adapted to compensate for the loss of area due to the encroachment, the compensated area must be contiguous to the existing TPZ.

14.11.4 Canopy Protection

- As well as the below-ground parts, the above-ground parts of the tree also require protection throughout development.
- On occasion, the notional TPZ calculation may be located within the tree canopy, therefore, the TPZ will require adjustment to 1m outside of the dripline to ensure that the tree canopy is properly protected.
- This will generally require the TPZ and associated fencing to be extended to a distance of 1m outside the perimeter of the tree canopy dripline as a minimum.
- In some cases, site space & constraints may result in the requirement for tree branches to be pruned. In this instance, a pruning specification may be required & must be undertaken in accordance with the relevant standards & under the

guidance of the PA.

14.11.5 Additional Considerations

- Variations to the TPZ may also be required where the PA has demonstrated that one of the following (or other) aspects are impacting the likely TPZ requirement for the subject tree:
    - Existing or historical structures that are likely to have impacted the location of tree roots
    - The future growth requirements of the tree, including both above & below ground parts
    - Tree health
    - Tree structure
    - The characteristics of the individual tree species & its ability to tolerate development impacts
    - Site topography & soil type

14.12 Construction Processes & Tree Sensitive Methodologies

14.12.1 Grade Changes Within the TPZ

- Grade changes within the TPZ will require prior approval by the consent authority & the PA. They will generally consist of a raise in soil level only & not a reduction in grade.
- Where grade changes are permitted, they will generally be restricted to a maximum fill of 200mm above existing grade.
- The fill material must be a non-compacted material that is coarser than the existing soil & must be inspected & approved by the PA.

14.12.2 Underground Services

- Where feasible, all underground services should be located outside of the TPZ.
- In situations where site limitations dictate the location of service within the TPZ, then they would ideally be installed using directional under-boring to minimise disturbance to the TPZ.

14.12.3 Directional Under-boring

- Directional under-boring is undertaken using specialist equipment that can bore below ground to avoid conflict with trees, structures & infrastructure. Whilst it is a highly beneficial method for minimising impacts with trees, there are certain aspects that must still be considered to successfully mitigate any significant impact with tree root systems.
- Entry/exit pits – The directional drilling equipment requires an entry & exit pit in order to start the drilling process, the size may vary depending on the make/model of equipment, but 2m² should be considered as a minimum requirement. It is important to ensure that the entry/exit pit is located outside of the TPZ where possible. Where the entry or exit pit must be within the TPZ of a tree, the PA is to assess the viability of the proposal and the entry/exit pit is to be excavated using non-destructive means.
- Drilling depth – different machines are capable of drilling to different depths, and different soil types or bedrock may guide the desired depth of the bore, but generally speaking most machines are capable of drilling to a depth that avoids conflict with the tree's root system. The PA is to provide guidance on the minimum depth required based on soil type, tree species and site conditions.

14.13 Above-ground Services & Structures

14.13.1 Building Alignment

- Where feasible, building alignments should be positioned outside of the TPZ & must consider the future growth of the trees above & below ground parts. This should be considered at the design stage to avoid encroachment into the TPZ.
- Where the building alignment is to be positioned within the trees TPZ, it must be done so only after consultation & assessment with the PA and following approval from the consent authority.
- Tree sensitive design & construction methods will need to be utilised to minimise impacts and the PA is to supervise all works within the TPZ.

14.13.2 Above-ground services – Tree Canopy

- Consideration needs to be given to the location of above-ground services to minimise conflict with the trees canopy.
- Where services are to pass near to, or within the tree canopy, consultation with the PA will be required.
- A pruning specification may be required to guide the installation of the service(s) and the tree(s).

14.14 Monitoring & Certification

14.14.1 Supervision

- This refers to the supervision of any works within the TPZ of a tree proposed for retention.
- Supervision should be undertaken by the PA or a suitably qualified & experienced AQF Lvl-5 Arborist.
- The primary purpose of supervision is to ensure that the PA is on site during works within the vicinity of the TPZ(s), to ensure that damage to the subject tree(s) is avoided by ensuring that works in these areas are undertaken in accordance with AS4970 & industry best practice.
- A secondary purpose of supervision is to ensure that the PA is present during works to provide guidance & advice should tree roots be encountered, or otherwise unforeseen tree related matters arise during the works.
- All supervision works should be documented & certified as detailed below.

14.14.2 Hold Points & Monitoring

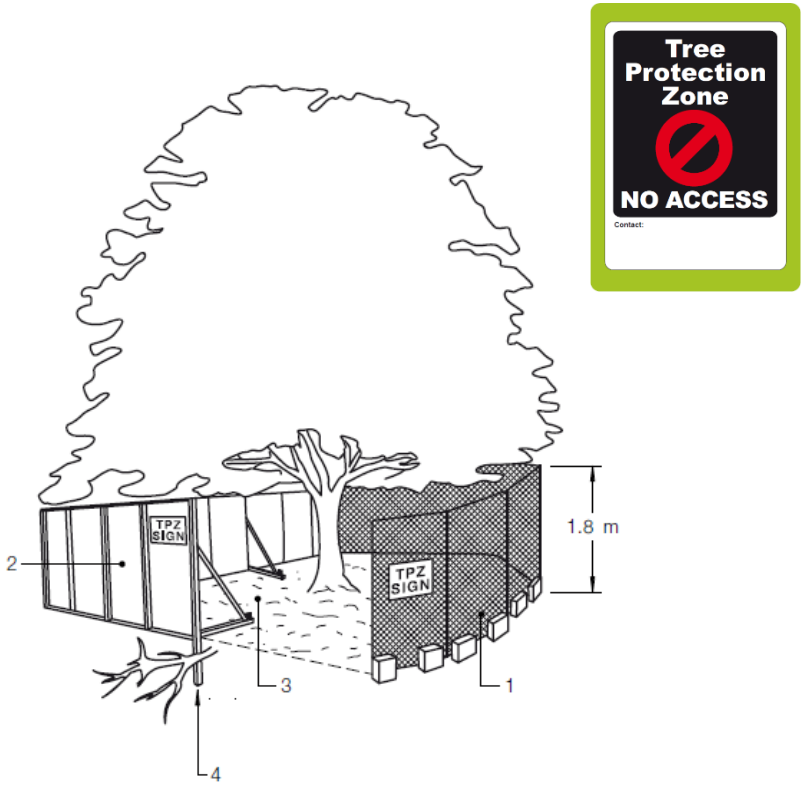
- Monitoring of the project is essential in order to ensure that tree protection measures remain in place & all tree protection & tree sensitive construction methods are undertaken in accordance with the specification & CoC.
- This can be achieved by ensuring compliance with the hold points detailed below.
- All hold points will require certification by the PA.
- Certification is generally provided in a memo style certification letter, that will clearly identify & document the following items as a minimum:
    - Date, time & location of assessment/works & details of the person(s) and company(s) involved,
    - Applicable standards and or assessment methodology,
    - Detailed description of the works/assessment & detail of the involvement of the PA,
    - Description & location of trees subject to assessment,
    - Description of subject trees health & condition,
    - Photographic evidence that clearly shows examples of the works processes,
    - Items of non-compliance are clearly identified, documented & remediation recommendations provided.
    - Confirmation that any areas of non-compliance requiring remediation have been rectified (as required).
    - Signed acknowledgement of complying works and standards to which they have been assessed by.
- Certification will be provided to the client & will be the responsibility of the client to ensure that the certification is provided to the relevant consent authority & certifier as required.

14.15 Hold-Point Inspection Schedule

Point	Description	Stage	Actions
1	**Tree Pruning & Removal**	Prior to site establishment	◦ Project Arborist to attend site to identify and mark all trees proposed for pruning and removal. ◦ Oversee works to ensure that tree pruning & removal works are undertaken in accordance with AS4373-2007 & industry best practice. ◦ Confirm that tree works are compliant with approved plans and conditions of consent.
2	**Tree Protection Certification**	Following tree works & prior to site occupancy	◦ Inspect and assess the installation of all tree protection measures ◦ Confirm that tree protection measures have been installed in accordance with AS4970-2009, conditions of consent and applicable pruning specifications ◦ Provide a letter of certification to be supplied to the principal certifier.
3	**Supervision of works within the TPZ**	At any time that access or works are required within the TPZ, temporary or otherwise.	◦ Arboricultural supervision of works within the TPZ to ensure that works are completed in accordance with AS4970-2009 and the conditions of consent. ◦ Provide a letter of certification to be supplied to the principal certifier.
4	**Final Inspection Certification**	Following project completion	◦ Confirm that all tree protection measures have been removed ◦ Undertake an assessment of the health & condition of the site trees and detail any required remedial works ◦ Provide a letter of certification to be supplied to the principal certifier.

Table 4 - Hold-point Inspection Schedule

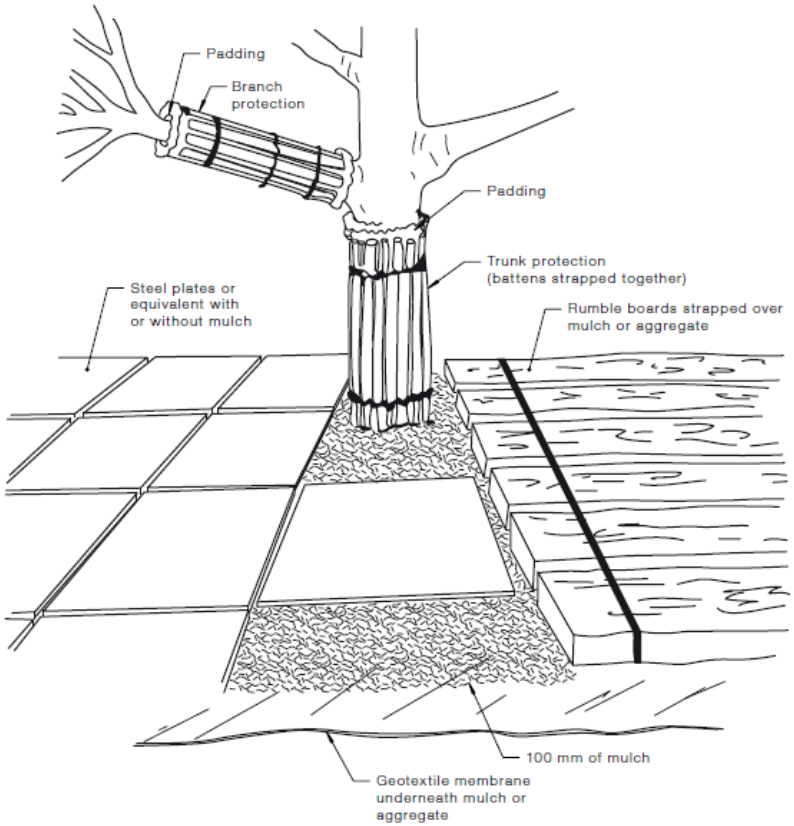
14.16 Reference diagrams



LEGEND:

1 Chain wire mesh panels with shade cloth (if required) attached, held in place with concrete feet.
2 Alternative plywood or wooden paling fence panels. This fencing material also prevents building materials or soil entering the TPZ.
3 Mulch installation across surface of TPZ (at the discretion of the project arborist). No excavation, construction activity, grade changes, surface treatment or storage of materials of any kind is permitted within the TPZ.
4 Bracing is permissible within the TPZ. Installation of supports should avoid damaging roots.

Figure 3 - Tree Protection Fencing & Signage Example Diagram(s) - (Standards Australia, 2009)



NOTES:

1 For trunk and branch protection use boards and padding that will prevent damage to bark. Boards are to be strapped to trees, not nailed or screwed.
2 Rumble boards should be of a suitable thickness to prevent soil compaction and root damage.

Figure 4 - Ground Protection Example Diagram - (Standards Australia, 2009)

15 Appendix 3: Tree Schedule

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
1	Casuarina cunninghamiana | River She-oak	20	8	425	480	5100	2431	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
2	Casuarina cunninghamiana | River She-oak	15	6	380	440	4560	2344	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
3	Casuarina cunninghamiana | River She-oak	21	9	500	560	6000	2594	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
4	Casuarina cunninghamiana | River She-oak	18	4	300	340	3600	2104	Good	Fair		Low	Medium	Low	NA	0%	Retain
5	Casuarina cunninghamiana | River She-oak	15	4	350	380	4200	2204	Fair	Poor		Low	Medium	Low	NA	0%	Retain
6	Casuarina cunninghamiana | River She-oak	10	6	375	400	4500	2252	Fair	Fair		Low	Medium	Low	NA	0%	Retain
7	Casuarina cunninghamiana | River She-oak	18	6	375	400	4500	2252	Fair	Fair		Low	Medium	Low	NA	0%	Retain
8	Eucalyptus saligna x botryoides | Hybrid Sydney Blue Gum	18	10	420	460	5040	2388	Poor	Fair		Medium	Short	Low	NA	0%	Retain
9	Corymbia maculata | Spotted Gum	15	5	300	340	3600	2104	Good	Fair		Low	Medium	Low	NA	0%	Retain
10	Corymbia maculata | Spotted Gum	15	5	300	340	3600	2104	Good	Fair		Low	Medium	Low	NA	0%	Retain
11	Eucalyptus microcorys | Tallowwood	19	9	330	400	3960	2252	Good	Fair		Low	Medium	Low	NA	0%	Retain
12	Eucalyptus saligna x botryoides | Hybrid Sydney Blue Gum	16	4	250	300	3000	1996	Fair	Fair	Poor tree form	Low	Medium	Low	NA	0%	Retain
13	Eucalyptus sp. | Eucalypt	24	10	550	300	6600	1996	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
14	Banksia integrifolia | Coast Banksia	16	10	390	410	4680	2276	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
15	Banksia integrifolia | Coast Banksia	6	6	350	390	4200	2228	Good	Fair		Medium	Medium	Low	NA	0%	Retain
16	Banksia integrifolia | Coast Banksia	7	3	280	325	3360	2064	Fair	Poor		Low	Medium	Low	NA	0%	Retain
17	Eucalyptus saligna x botryoides | Hybrid Sydney Blue Gum	20	11	480	525	5760	2525	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
18	Eucalyptus saligna x botryoides | Hybrid Sydney Blue Gum	16	5	300	325	3600	2064	Poor	Fair		Low	Medium	Low	NA	0%	Retain
19	Corymbia maculata | Spotted Gum	20	9	400	440	4800	2344	Good	Good		Medium	Medium	Medium	NA	0%	Retain
20	Corymbia maculata | Spotted Gum	19	6	350	375	4200	2192	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
21	Corymbia maculata | Spotted Gum	14	4	275	300	3300	1996	Fair	Fair		Low	Medium	Low	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
22	Melaleuca quinquenervia | Broad-leaved Paperbark	20	8	400	460	4800	2388	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
23	Eucalyptus botryoides | Southern Mahogany	6	6	320	350	3840	2129	Fair	Fair		Low	Medium	Low	NA	0%	Retain
24	Casuarina cunninghamiana | River She-oak	20	9	475	525	5700	2525	Good	Fair		Low	Medium	Medium	NA	0%	Retain
25	Casuarina cunninghamiana | River She-oak	20	9	440	500	5280	2474	Good	Fair		Low	Medium	Medium	NA	0%	Retain
26	Casuarina cunninghamiana | River She-oak	19	8	400	450	4800	2366	Good	Fair		Low	Medium	Low	Fill Minor	1.5%	Retain
27	Casuarina cunninghamiana | River She-oak	18	7	390	430	4680	2322	Fair	Fair		Low	Medium	Low	Fill Minor	8.0%	Retain
28	Casuarina cunninghamiana | River She-oak	20	9	400	430	4800	2322	Fair	Fair		Low	Medium	Low	Fill Minor	11.2%	Retain
29	Casuarina cunninghamiana | River She-oak	17	9	375	420	4500	2299	Fair	Fair		Low	Medium	Low	NA	0%	Retain
30	Casuarina cunninghamiana | River She-oak	21	11	525	600	6300	2670	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
31	Casuarina cunninghamiana | River She-oak	18	8	375	400	4500	2252	Good	Fair		Low	Medium	Low	NA	0%	Retain
32	Casuarina cunninghamiana | River She-oak	18	8	375	400	4500	2252	Good	Fair		Low	Medium	Low	NA	0%	Retain
33	Casuarina cunninghamiana | River She-oak	18	8	375	400	4500	2252	Good	Fair	Poor tree form | Wound(s)	Low	Medium	Low	NA	0%	Retain
34	Casuarina cunninghamiana | River She-oak	17	7	320	380	3840	2204	Fair	Fair		Low	Medium	Low	NA	0%	Retain
35	Dead Tree | Dead tree	5	1	150	200	2000	1683	Dead	Fair		Low	n/a	Very Low	NA	0%	Remove - Hazard
36	Phoenix canariensis | Canary Island Date Palm	12	6	500	600	4000	0	Good	Good		Medium	Medium	Medium	Parking	100%	Remove
37	Corymbia citriodora | Lemon-scented Gum	17	9	375	400	4500	2252	Good	Good		Medium	Medium	Medium	Parking	100%	Remove
38	Corymbia citriodora | Lemon-scented Gum	18	12	440	550	5280	2575	Good	Good		Medium	Medium	Medium	Utilities	100%	Remove
39	Corymbia maculata | Spotted Gum	18	9	425	500	5100	2474	Good	Good		Medium	Medium	Medium	Utilities	100%	Remove
40	Corymbia maculata | Spotted Gum	17	8	390	450	4680	2366	Good	Good		Medium	Medium	Medium	Utilities	100%	Remove
41	Corymbia maculata | Spotted Gum	10	4	200	275	2400	1924	Good	Good		Low	Medium	Medium	Utilities	100%	Remove
42	Corymbia maculata | Spotted Gum	20	10	575	650	6900	2762	Good	Fair		Medium	Medium	Medium	B 8	100%	Remove
43	Corymbia citriodora | Lemon-scented Gum	20	10	480	540	5760	2555	Fair	Fair		Medium	Medium	Medium	B 8	100%	Remove
44	Corymbia citriodora | Lemon-scented Gum	10	8	300	340	3600	2104	Fair	Fair		Low	Medium	Low	B 8	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
45	Corymbia citriodora | Lemon-scented Gum	16	10	380	400	4560	2252	Fair	Fair		Medium	Medium	Medium	B 8	100%	Remove
46	Corymbia maculata | Spotted Gum	2	14	500	575	6000	2623	Good	Good		Medium	Medium	Medium	B 8	100%	Remove
47	Corymbia citriodora | Lemon-scented Gum	17	10	425	475	5100	2421	Good	Good		Medium	Medium	Medium	B 8	100%	Remove
48	Cupaniopsis anacardioides | Tuckaroo	7	6	375	440	4500	2344	Good	Good		Medium	Medium	Medium	B 8	100%	Remove
49	Cupaniopsis anacardioides | Tuckaroo	4	4	300	350	3600	2129	Poor	Poor		Low	Short	Low	B 8	18.5%	Remove
50	Corymbia maculata | Spotted Gum	17	11	480	540	5760	2555	Good	Good		Medium	Medium	Medium	B 8 & Path	13.5%	Retain
51	Corymbia citriodora | Lemon-scented Gum	17	9	370	400	4440	2252	Good	Good		Medium	Medium	Medium	B 8 & Path & RW	32.6%	Retain
52	Corymbia maculata | Spotted Gum	17	9	370	400	4440	2252	Good	Good		Medium	Medium	Medium	B 8 & Path & RW	19.4%	Retain
53	Corymbia maculata | Spotted Gum	16	9	350	380	4200	2204	Good	Good		Medium	Medium	Medium	B 8 & Path & RW	20.2%	Retain
54	Corymbia maculata | Spotted Gum	16	11	380	420	4560	2299	Good	Good		Medium	Medium	Medium	B 8 & Path & RW	15.5%	Retain
55	Corymbia maculata | Spotted Gum	18	10	390	500	4680	2474	Good	Fair	Multi stemmed at base - basal suckers	Medium	Medium	Low	B 8 & Path & RW	18.2%	Retain
56	Corymbia maculata | Spotted Gum	17	9	380	420	4560	2299	Good	Fair		Medium	Medium	Medium	B 8 & Path & RW	19.9%	Retain
57	Corymbia maculata | Spotted Gum	14	6	350	400	4200	2252	Good	Fair		Medium	Medium	Medium	B 8 & Path & RW	23.5%	Retain
58	Corymbia maculata | Spotted Gum	18	10	390	420	4680	2299	Good	Good		Medium	Medium	Medium	B 8 & Parking & RW	28.7%	Retain
59	Corymbia maculata | Spotted Gum	18	10	380	400	4560	2252	Good	Good		Medium	Medium	Medium	Parking & RW	33.3%	Retain
60	Corymbia maculata | Spotted Gum	18	10	380	400	4560	2252	Good	Good		Medium	Medium	Medium	Parking & RW	32.6%	Retain
61	Eucalyptus sp. | Eucalypt	23	14	500	550	6000	2575	Good	Fair		High	Medium	High	Parking & RW	9.5%	Retain
62	Corymbia maculata | Spotted Gum	16	7	280	325	3360	2064	Good	Good		Low	Medium	Low	Rd & RW	32.4%	Retain
63	Corymbia maculata | Spotted Gum	16	7	325	360	3900	2155	Fair	Fair		Low	Medium	Medium	Rd & RW	33.2%	Retain
64	Corymbia maculata | Spotted Gum	18	10	450	500	5400	2474	Good	Good		Medium	Medium	Medium	Rd & RW	41.8%	Retain
65	Corymbia maculata | Spotted Gum	9	3	200	250	2400	1849	Fair	Fair		Low	Medium	Low	Rd & RW	14.2%	Retain
66	Corymbia maculata | Spotted Gum	15	7	300	380	3600	2204	Good	Fair		Low	Medium	Low	Rd & RW	23.9%	Retain
67	Corymbia maculata | Spotted Gum	23	14	575	650	6900	2762	Good	Fair	Wound(s) | Previous failures	Medium	Medium	Medium	Rd & RW	39.5%	Retain
68	Eucalyptus microcorys | Tallowwood	8	8	380	400	4560	2252	Fair	Fair		Low	Medium	Low	RW	0.9%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
69	Eucalyptus sp. | Eucalypt	21	16	675	720	8100	2883	Fair	Fair		High	Medium	High	Rd & RW	7.4%	Retain
70	Eucalyptus microcorys | Tallowwood	21	13	1050	1150	12600	3509	Good	Fair		High	Medium	High	Rd & RW	28.2%	Retain
71	Acacia decurrens | Green Wattle	2	5	275	325	3300	2064	Fair	Fair		Low	Short	Low	NA	0%	Retain
72	Callistemon viminalis | Weeping Bottlebrush	6	4	200	250	2400	1849	Good	Good		Low	Medium	Low	RW	6.0%	Retain
73	Callistemon viminalis | Weeping Bottlebrush	6	4	200	250	2400	1849	Good	Good		Low	Medium	Low	RW	0.4%	Retain
74	Callistemon viminalis | Weeping Bottlebrush	6	4	300	350	3600	2129	Good	Good		Low	Medium	Low	Rd & RW	18.1%	Retain
75	Callistemon viminalis | Weeping Bottlebrush	3	2	100	200	2000	1683	Fair	Poor		Low	Short	Low	RW	9.8%	Retain
76	Callistemon viminalis | Weeping Bottlebrush	3	2	100	200	2000	1683	Fair	Poor		Low	Short	Low	RW	7.5%	Retain
77	Callistemon viminalis | Weeping Bottlebrush	6	5	325	370	3900	2180	Good	Fair		Low	Medium	Low	Rd & RW	22.6%	Retain
78	Callistemon viminalis | Weeping Bottlebrush	6	5	325	370	3900	2180	Good	Fair		Low	Medium	Low	Rd & RW	25.0%	Retain
79	Callistemon viminalis | Weeping Bottlebrush	6	5	325	370	3900	2180	Good	Fair		Low	Medium	Low	Rd & RW	28.7%	Retain
80	Callistemon viminalis | Weeping Bottlebrush	6	5	325	370	3900	2180	Good	Fair		Low	Medium	Low	Rd & RW	25.1%	Retain
81	Callistemon viminalis | Weeping Bottlebrush	6	5	325	370	3900	2180	Good	Fair		Low	Medium	Low	Rd & RW	23.0%	Retain
82	Callistemon viminalis | Weeping Bottlebrush	6	5	325	370	3900	2180	Good	Fair		Low	Medium	Low	Rd & RW	20.1%	Retain
83	Callistemon viminalis | Weeping Bottlebrush	5	4	225	275	2700	1924	Good	Fair		Low	Medium	Low	Rd & RW	8.2%	Retain
84	Callistemon viminalis | Weeping Bottlebrush	5	4	225	275	2700	1924	Good	Fair		Low	Medium	Low	Rd & RW	7.8%	Retain
85	Callistemon viminalis | Weeping Bottlebrush	5	4	225	275	2700	1924	Good	Fair		Low	Medium	Low	Rd & RW	8.4%	Retain
86	Callistemon viminalis | Weeping Bottlebrush	5	4	225	275	2700	1924	Good	Fair		Low	Medium	Low	Rd & RW	12.8%	Retain
87	Callistemon viminalis | Weeping Bottlebrush	5	4	225	275	2700	1924	Good	Fair		Low	Medium	Low	Rd & RW	15.1%	Retain
88	Callistemon viminalis | Weeping	5	5	280	325	3360	2064	Good	Fair		Low	Medium	Low	Rd & RW	20.7%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
	Bottlebrush															
89	Callistemon viminalis | Weeping Bottlebrush	5	5	280	325	3360	2064	Good	Fair		Low	Medium	Low	Rd & RW	17.8%	Retain
90	Callistemon viminalis | Weeping Bottlebrush	5	5	320	360	3840	2155	Good	Fair		Low	Medium	Low	Rd & RW	33.2%	Retain
91	Callistemon viminalis | Weeping Bottlebrush	5	5	300	340	3600	2104	Good	Fair		Low	Medium	Low	Rd & RW	29.1%	Retain
92	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	23.8%	Retain
93	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	20.7%	Retain
94	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	17.0%	Retain
95	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	21.8%	Retain
96	Callistemon viminalis | Weeping Bottlebrush	5	4	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	30.6%	Retain
97	Callistemon viminalis | Weeping Bottlebrush	5	4	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	13.7%	Retain
98	Callistemon viminalis | Weeping Bottlebrush	5	4	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	18.3%	Retain
99	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	11.9%	Retain
100	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	13.8%	Retain
101	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	Rd & RW	13.7%	Retain
102	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	Parking & RW	17.0%	Retain
103	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	RW	8.5%	Retain
104	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	RW	0.5%	Retain
105	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	RW	1.5%	Retain
106	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	RW	2.9%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
107	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	NA	0%	Retain
108	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	NA	0%	Retain
109	Callistemon viminalis | Weeping Bottlebrush	5	5	275	300	3300	1996	Good	Fair		Low	Medium	Low	RW	0.02%	Retain
110	Callistemon viminalis | Weeping Bottlebrush	5	4	250	270	3000	1910	Good	Fair		Low	Medium	Low	NA	0%	Retain
111	Callistemon viminalis | Weeping Bottlebrush	5	4	250	270	3000	1910	Good	Fair		Low	Medium	Low	NA	0%	Retain
112	Callistemon viminalis | Weeping Bottlebrush	5	4	250	270	3000	1910	Good	Fair		Low	Medium	Low	RW & Path	8.2%	Retain
113	Callistemon viminalis | Weeping Bottlebrush	5	4	250	270	3000	1910	Good	Fair		Low	Medium	Low	RW & Path	8.2%	Retain
114	Callistemon viminalis | Weeping Bottlebrush	5	4	250	270	3000	1910	Good	Fair		Low	Medium	Low	RW & Path	12.2%	Retain
115	Callistemon viminalis | Weeping Bottlebrush	5	5	275	270	3300	1910	Good	Fair		Low	Medium	Low	RW & Path	3.9%	Retain
116	Callistemon viminalis | Weeping Bottlebrush	5	5	275	270	3300	1910	Good	Fair		Low	Medium	Low	NA	0%	Retain
117	Casuarina glauca | Swamp she-oak	17	9	550	550	6600	2575	Poor	Poor	Included bark | Poor tree form | Multi stemmed at base	Low	Short	Low	Rd	100%	Remove
118	Casuarina glauca | Swamp she-oak (x3)	12	6	308	350	3696	2129	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
119	Casuarina glauca | Swamp she-oak	20	6	380	430	4560	2322	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
120	Casuarina glauca | Swamp she-oak (x4)	12	4	280	320	3360	2051	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
121	Casuarina glauca | Swamp she-oak (x4)	12	4	280	320	3360	2051	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
122	Corymbia citriodora | Lemon-scented Gum	21	6	375	400	4500	2252	Fair	Fair		Low	Medium	Medium	B 6	100%	Remove
123	Corymbia citriodora | Lemon-scented Gum	18	6	350	390	4200	2228	Fair	Fair		Low	Medium	Medium	Rd	100%	Remove
124	Corymbia citriodora | Lemon-scented Gum	18	6	340	390	4080	2228	Fair	Fair		Low	Medium	Medium	Rd	100%	Remove
125	Corymbia citriodora | Lemon-scented Gum	19	6	375	400	4500	2252	Fair	Fair		Low	Medium	Medium	Rd & RW	38.7%	Retain
126	Corymbia citriodora | Lemon-scented Gum	22	6	375	400	4500	2252	Fair	Fair		Low	Medium	Medium	Rd & RW	36.4%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
127	Corymbia citriodora | Lemon-scented Gum (x2)	15	3	300	350	3600	2129	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
128	Corymbia citriodora | Lemon-scented Gum	18	5	325	360	3900	2155	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
129	Corymbia citriodora | Lemon-scented Gum (x2)	11	4	250	280	3000	1939	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
130	Corymbia citriodora | Lemon-scented Gum	19	7	350	400	4200	2252	Good	Fair	Slender form	Low	Medium	Low	B 6	100%	Remove
131	Corymbia citriodora | Lemon-scented Gum	18	7	340	400	4080	2252	Good	Fair		Low	Medium	Medium	B 6	100%	Remove
132	Corymbia citriodora | Lemon-scented Gum	18	7	350	400	4200	2252	Good	Fair		Low	Medium	Medium	B 6	100%	Remove
133	Corymbia citriodora | Lemon-scented Gum	18	7	350	400	4200	2252	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
134	Corymbia citriodora | Lemon-scented Gum	19	7	350	400	4200	2252	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
135	Corymbia citriodora | Lemon-scented Gum	17	7	340	380	4080	2204	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
136	Corymbia citriodora | Lemon-scented Gum	17	5	320	360	3840	2155	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
137	Corymbia citriodora | Lemon-scented Gum	7	2	150	200	2000	1683	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
138	Corymbia citriodora | Lemon-scented Gum	17	5	300	350	3600	2129	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
139	Corymbia citriodora | Lemon-scented Gum	15	5	300	350	3600	2129	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
140	Corymbia citriodora | Lemon-scented Gum	15	5	300	350	3600	2129	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
141	Corymbia citriodora | Lemon-scented Gum	17	6	300	350	3600	2129	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
142	Corymbia citriodora | Lemon-scented Gum	17	5	300	350	3600	2129	Poor	Poor	Major decline	Low	Medium	Low	B 6	100%	Remove
143	Corymbia citriodora | Lemon-scented Gum	17	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	B 6	100%	Remove
144	Dead Tree | Dead tree	15	3	275	340	3300	2104	Dead	Fair		Low	n/a	Low	Rd	100%	Remove
145	Corymbia citriodora | Lemon-scented Gum	18	6	350	390	4200	2228	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
146	Corymbia citriodora | Lemon-scented Gum	16	4	275	325	3300	2064	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
147	Corymbia citriodora | Lemon-scented Gum	10	3	150	190	2000	1647	Poor	Fair		Low	Short	Low	Rd	100%	Remove
148	Corymbia citriodora | Lemon-scented Gum	10	3	150	190	2000	1647	Fair	Fair		Low	Medium	Low	Rd & RW	15.0%	Retain
149	Corymbia citriodora | Lemon-scented Gum	14	5	200	250	2400	1849	Fair	Poor	Poor tree form	Low	Medium	Low	Rd & RW	16.0%	Retain
150	Eucalyptus longifolia | Woollybutt	23	14	700	800	8400	3013	Good	Good		High	Medium	High	Rd & RW	17.8%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
151	Corymbia citriodora | Lemon-scented Gum	17	8	340	380	4080	2204	Good	Fair		Low	Medium	Medium	Rd & RW	37.8%	Retain
152	Corymbia citriodora | Lemon-scented Gum	17	8	340	380	4080	2204	Good	Fair		Low	Medium	Medium	Rd & RW	100%	Remove
153	Corymbia citriodora | Lemon-scented Gum	5	3	100	150	2000	1500	Good	Fair		Low	Medium	Low	Rd & RW	23.6%	Retain
154	Eucalyptus paniculata | Grey Ironbark	17	11	750	875	9000	3129	Good	Fair		High	Medium	High	Rd & RW	20.8%	Retain
155	Corymbia citriodora | Lemon-scented Gum	17	10	400	450	4800	2366	Fair	Fair		Low	Medium	Medium	Rd & RW	34.1%	Retain
156	Corymbia citriodora | Lemon-scented Gum	17	10	400	450	4800	2366	Fair	Fair		Low	Medium	Medium	Rd & RW	28.0%	Retain
157	Corymbia citriodora | Lemon-scented Gum	17	10	400	450	4800	2366	Fair	Fair		Low	Medium	Medium	Rd & RW	27.6%	Retain
158	Corymbia citriodora | Lemon-scented Gum	12	5	260	300	3120	1996	Fair	Fair		Low	Medium	Low	Rd & RW	20.7%	Retain
159	Corymbia citriodora | Lemon-scented Gum	17	10	325	370	3900	2180	Fair	Fair		Low	Medium	Low	Rd & RW	23.8%	Retain
160	Corymbia citriodora | Lemon-scented Gum	16	8	340	380	4080	2204	Fair	Fair		Low	Medium	Low	Rd & RW	23.8%	Retain
161	Corymbia citriodora | Lemon-scented Gum	17	8	340	380	4080	2204	Fair	Fair		Low	Medium	Low	Rd & RW	20.2%	Retain
162	Corymbia citriodora | Lemon-scented Gum	12	4	250	300	3000	1996	Fair	Fair		Low	Medium	Low	Rd & RW	13.9%	Retain
163	Corymbia citriodora | Lemon-scented Gum	14	4	280	330	3360	2077	Fair	Fair		Low	Medium	Low	Rd & RW	16.8%	Retain
164	Corymbia citriodora | Lemon-scented Gum	16	5	280	330	3360	2077	Fair	Fair		Low	Medium	Low	Rd & RW & Exit Path	100.0 %	Remove
165	Corymbia citriodora | Lemon-scented Gum	12	4	280	330	3360	2077	Fair	Fair		Low	Medium	Low	Rd & RW & Exit Path	16.4%	Remove
166	Corymbia citriodora | Lemon-scented Gum	11	4	280	330	3360	2077	Fair	Fair		Low	Medium	Low	Rd & RW	17.8%	Retain
167	Corymbia citriodora | Lemon-scented Gum	12	4	280	340	3360	2104	Fair	Fair		Low	Medium	Low	Rd & RW	28.1%	Retain
168	Corymbia citriodora | Lemon-scented Gum	12	4	280	340	3360	2104	Poor	Fair		Low	Medium	Low	Rd & RW	21.7%	Retain
169	Eucalyptus paniculata | Grey Ironbark	18	11	750	875	9000	3129	Poor	Fair		Medium	Medium	Medium	RW	23.7%	Retain
170	Corymbia citriodora | Lemon-scented Gum	16	4	275	320	3300	2051	Poor	Fair		Low	Medium	Low	Rd & RW	49.7%	Remove
171	Corymbia citriodora | Lemon-scented Gum	17	6	300	350	3600	2129	Fair	Fair		Low	Medium	Low	Rd & RW	100%	Remove
172	Corymbia citriodora | Lemon-scented Gum	18	7	340	385	4080	2216	Fair	Fair		Low	Medium	Low	Rd & RW	100%	Remove
173	Corymbia citriodora | Lemon-scented Gum	18	8	400	440	4800	2344	Fair	Fair		Low	Medium	Low	Rd & RW	100%	Remove
174	Corymbia citriodora | Lemon-scented Gum	17	6	380	400	4560	2252	Fair	Fair		Low	Medium	Low	Rd & RW	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
175	Corymbia citriodora | Lemon-scented Gum	17	6	380	400	4560	2252	Fair	Fair		Low	Medium	Low	Rd & RW	100%	Remove
176	Corymbia citriodora | Lemon-scented Gum	12	5	275	300	3300	1996	Fair	Fair		Low	Medium	Low	Rd & RW	100%	Remove
177	Corymbia citriodora | Lemon-scented Gum	15	6	320	390	3840	2228	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
178	Corymbia citriodora | Lemon-scented Gum	15	6	350	400	4200	2252	Fair	Fair	Poor tree form	Low	Medium	Low	Parking	100%	Remove
179	Corymbia citriodora | Lemon-scented Gum	14	4	280	340	3360	2104	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
180	Corymbia citriodora | Lemon-scented Gum	17	7	340	370	4080	2180	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
181	Corymbia citriodora | Lemon-scented Gum	14	5	260	290	3120	1968	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
182	Corymbia citriodora | Lemon-scented Gum	18	9	360	385	4320	2216	Fair	Fair		Low	Medium	Medium	Rd	100%	Remove
183	Corymbia citriodora | Lemon-scented Gum	18	9	360	385	4320	2216	Fair	Fair		Low	Medium	Medium	Rd	100%	Remove
184	Corymbia citriodora | Lemon-scented Gum	15	5	320	350	3840	2129	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
185	Corymbia citriodora | Lemon-scented Gum	7	3	130	170	2000	1572	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
186	Corymbia citriodora | Lemon-scented Gum	18	8	350	380	4200	2204	Good	Fair		Low	Medium	Low	Rd	100%	Remove
187	Corymbia citriodora | Lemon-scented Gum	18	8	350	380	4200	2204	Good	Fair		Low	Medium	Low	Rd	100%	Remove
188	Corymbia citriodora | Lemon-scented Gum	15	6	300	340	3600	2104	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
189	Corymbia citriodora | Lemon-scented Gum	17	6	300	340	3600	2104	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
190	Corymbia citriodora | Lemon-scented Gum	18	10	420	450	5040	2366	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
191	Corymbia citriodora | Lemon-scented Gum	14	5	270	320	3240	2051	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
192	Corymbia citriodora | Lemon-scented Gum	16	7	340	370	4080	2180	Fair	Fair	Bleeding/sap flow	Low	Medium	Low	Rd	100%	Remove
193	Corymbia citriodora | Lemon-scented Gum	16	4	275	300	3300	1996	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
194	Corymbia citriodora | Lemon-scented Gum	16	4	275	300	3300	1996	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
195	Corymbia citriodora | Lemon-scented Gum	16	4	275	300	3300	1996	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
196	Corymbia citriodora | Lemon-scented Gum	19	8	375	410	4500	2276	Fair	Fair		Low	Medium	Medium	Rd	100%	Remove
197	Corymbia citriodora | Lemon-scented Gum	14	3	250	280	3000	1939	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
198	Corymbia citriodora | Lemon-scented Gum	12	3	140	200	2000	1683	Fair	Fair		Low	Medium	Low	Rd	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
199	Corymbia citriodora | Lemon-scented Gum	12	3	140	200	2000	1683	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
200	Corymbia citriodora | Lemon-scented Gum	17	7	350	375	4200	2192	Fair	Fair		Low	Medium	Low	Rd & RW	39.0%	Remove
201	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Good	Good		Low	Medium	Low	Rd	100%	Remove
202	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Good	Good		Low	Medium	Low	Rd	100%	Remove
203	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Good	Good		Low	Medium	Low	B 6	100%	Remove
204	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Good	Good		Low	Medium	Low	B 6	100%	Remove
205	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Good		Low	Medium	Low	B 6	100%	Remove
206	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Good		Low	Medium	Low	B 6	100%	Remove
207	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Good		Low	Medium	Low	B 6	100%	Remove
208	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Dead	Fair	Suspected Fusarium Wilt	Low	n/a	Low	B 6	100%	Remove
209	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Good		Low	Medium	Low	B 6	100%	Remove
210	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Good		Low	Medium	Low	B 6 & Path	100%	Remove
211	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Good		Low	Medium	Low	Rd	100%	Remove
212	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Good		Low	Medium	Low	Rd	100%	Remove
213	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair	Suspected Fusarium Wilt	Low	Medium	Low	Rd	100%	Remove
214	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Dead	Fair	Suspected Fusarium Wilt	Low	n/a	Low	B 5 Office	100%	Remove
215	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair	Suspected Fusarium Wilt	Low	Medium	Low	B 5 Office	100%	Remove
216	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Dead	Fair	Suspected Fusarium Wilt	Low	n/a	Low	Rd & Parking	100%	Remove
217	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Dead	Fair	Suspected Fusarium Wilt	Low	n/a	Low	Rd & Parking	100%	Remove
218	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Dead	Fair	Suspected Fusarium Wilt	Low	n/a	Low	Rd & Parking	100%	Remove
219	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	Rd & Parking	100%	Remove
220	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 4	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
221	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Poor	Fair	Suspected Fusarium Wilt	Low	Medium	Low	B 4	100%	Remove
222	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 4	100%	Remove
223	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 4	100%	Remove
224	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 4	100%	Remove
225	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 4	100%	Remove
226	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 4	100%	Remove
227	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 4	100%	Remove
228	Magnolia grandiflora | Bull Bay	4	4	200	250	2400	1849	Poor	Fair		Low	Medium	Low	B 5	100%	Remove
229	Magnolia grandiflora | Bull Bay	5	5	350	380	4200	2204	Good	Fair		Low	Medium	Low	B 5	100%	Remove
230	Magnolia grandiflora | Bull Bay	5	5	350	380	4200	2204	Good	Fair		Low	Medium	Low	B 5	100%	Remove
231	Magnolia grandiflora | Bull Bay	3	4	200	250	2400	1849	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
232	Magnolia grandiflora | Bull Bay	3	4	275	325	3300	2064	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
233	Corymbia citriodora | Lemon-scented Gum	19	10	380	400	4560	2252	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
234	Corymbia citriodora | Lemon-scented Gum	19	10	380	400	4560	2252	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
235	Corymbia citriodora | Lemon-scented Gum	10	4	240	280	2880	1939	Fair	Fair		Low	Medium	Low	Path	100%	Remove
236	Corymbia citriodora | Lemon-scented Gum	17	8	370	390	4440	2228	Fair	Fair		Low	Medium	Low	Path	100%	Remove
237	Corymbia citriodora | Lemon-scented Gum	17	8	370	390	4440	2228	Fair	Fair		Low	Medium	Medium	B 6	100%	Remove
238	Corymbia citriodora | Lemon-scented Gum	15	4	240	280	2880	1939	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
239	Corymbia citriodora | Lemon-scented Gum	15	4	240	280	2880	1939	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
240	Corymbia citriodora | Lemon-scented Gum	17	7	320	375	3840	2192	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
241	Corymbia citriodora | Lemon-scented Gum	12	2	200	240	2400	1817	Poor	Poor	Dead leader	Low	Short	Low	B 6	100%	Remove
242	Corymbia citriodora | Lemon-scented Gum	18	8	350	380	4200	2204	Fair	Fair		Low	Medium	Medium	B 6	100%	Remove
243	Corymbia citriodora | Lemon-scented Gum	18	8	350	380	4200	2204	Fair	Fair		Low	Medium	Medium	B 6	100%	Remove
244	Corymbia citriodora | Lemon-scented Gum	18	8	350	380	4200	2204	Fair	Fair		Low	Medium	Medium	B 6	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
245	Corymbia citriodora | Lemon-scented Gum	18	8	350	380	4200	2204	Fair	Fair		Low	Medium	Medium	B 6	100%	Remove
246	Corymbia citriodora | Lemon-scented Gum	16	6	300	340	3600	2104	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
247	Corymbia citriodora | Lemon-scented Gum	16	6	300	340	3600	2104	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
248	Corymbia citriodora | Lemon-scented Gum	12	5	260	300	3120	1996	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
249	Corymbia citriodora | Lemon-scented Gum	16	7	320	340	3840	2104	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
250	Corymbia citriodora | Lemon-scented Gum	15	9	350	400	4200	2252	Fair	Fair	Poor tree form	Low	Medium	Low	B 6	100%	Remove
251	Corymbia citriodora | Lemon-scented Gum	18	8	350	400	4200	2252	Fair	Fair		Low	Medium	Medium	B 6	100%	Remove
252	Corymbia citriodora | Lemon-scented Gum	11	5	225	270	2700	1910	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
253	Corymbia citriodora | Lemon-scented Gum	11	5	225	270	2700	1910	Poor	Fair		Low	Medium	Low	B 6	100%	Remove
254	Corymbia citriodora | Lemon-scented Gum	11	5	225	270	2700	1910	Poor	Fair		Low	Medium	Low	B 6	100%	Remove
255	Corymbia citriodora | Lemon-scented Gum	17	5	350	380	4200	2204	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
256	Corymbia citriodora | Lemon-scented Gum	17	5	350	380	4200	2204	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
257	Corymbia citriodora | Lemon-scented Gum	17	5	350	380	4200	2204	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
258	Corymbia citriodora | Lemon-scented Gum	17	5	350	380	4200	2204	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
259	Corymbia citriodora | Lemon-scented Gum	14	4	300	340	3600	2104	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
260	Corymbia citriodora | Lemon-scented Gum	17	5	350	380	4200	2204	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
261	Corymbia citriodora | Lemon-scented Gum	14	4	300	350	3600	2129	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
262	Corymbia citriodora | Lemon-scented Gum	17	5	350	380	4200	2204	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
263	Corymbia citriodora | Lemon-scented Gum	16	4	275	320	3300	2051	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
264	Corymbia citriodora | Lemon-scented Gum	12	3	250	275	3000	1924	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
265	Corymbia citriodora | Lemon-scented Gum	16	5	275	320	3300	2051	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
266	Corymbia citriodora | Lemon-scented Gum	18	6	340	380	4080	2204	Fair	Fair		Low	Medium	Medium	B 6	100%	Remove
267	Corymbia citriodora | Lemon-scented Gum	17	3	260	300	3120	1996	Fair	Fair		Low	Medium	Low	B 6	100%	Remove
268	Corymbia citriodora | Lemon-scented Gum	17	4	280	340	3360	2104	Fair	Fair	Previous failures	Low	Medium	Low	B 6	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
269	Corymbia citriodora | Lemon-scented Gum	17	4	280	340	3360	2104	Dead	Fair		Low	n/a	Low	Rd & Path	100%	Remove
270	Corymbia citriodora | Lemon-scented Gum	18	5	325	370	3900	2180	Fair	Fair		Low	Medium	Medium	Rd & Path	100%	Remove
271	Corymbia citriodora | Lemon-scented Gum	14	6	325	370	3900	2180	Dead	Fair		Low	n/a	Low	Rd	100%	Remove
272	Corymbia citriodora | Lemon-scented Gum	8	7	220	300	2640	1996	Fair	Fair	Poor tree form	Low	Medium	Low	Rd	100%	Remove
273	Magnolia grandiflora | Bull Bay	5	5	275	350	3300	2129	Good	Good		Low	Medium	Low	Parking	100%	Remove
274	Magnolia grandiflora | Bull Bay	5	5	275	350	3300	2129	Good	Good		Low	Medium	Low	Rd & Parking	100%	Remove
275	Magnolia grandiflora | Bull Bay	5	5	300	350	3600	2129	Good	Good		Low	Medium	Low	Rd	100%	Remove
276	Washingtonia robusta | Washington Palm	5	5	300	350	3500	0	Dead	Poor	Suspected Fusarium Wilt	Low	n/a	Low	B 6	100%	Remove
277	Washingtonia robusta | Washington Palm	5	5	300	350	3500	0	Dead	Poor	Suspected Fusarium Wilt	Low	n/a	Low	B 6	100%	Remove
278	Washingtonia robusta | Washington Palm	5	5	300	350	3500	0	Good	Good	Suspected Fusarium Wilt	Low	Medium	Low	B 6	100%	Remove
279	Washingtonia robusta | Washington Palm	5	5	300	350	3500	0	Poor	Fair	Suspected Fusarium Wilt	Low	Medium	Low	B 6	100%	Remove
280	Washingtonia robusta | Washington Palm	5	5	300	350	3500	0	Dead	Poor	Suspected Fusarium Wilt	Low	n/a	Low	B 6	100%	Remove
281	Washingtonia robusta | Washington Palm	5	5	300	350	3500	0	Good	Good		Low	Medium	Low	B 6	100%	Remove
282	Washingtonia robusta | Washington Palm	5	5	300	350	3500	0	Good	Good		Low	Medium	Low	Parking	100%	Remove
283	Washingtonia robusta | Washington Palm	5	5	300	350	3500	0	Good	Good		Low	Medium	Low	Parking	100%	Remove
284	Washingtonia robusta | Washington Palm	5	5	300	350	3500	0	Good	Good		Low	Medium	Low	Parking	100%	Remove
285	Corymbia citriodora | Lemon-scented Gum	16	10	400	450	4800	2366	Good	Fair		Low	Medium	Medium	Parking	100%	Remove
286	Corymbia citriodora | Lemon-scented Gum	17	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	Parking	100%	Remove
287	Corymbia citriodora | Lemon-scented Gum	15	8	300	350	3600	2129	Good	Fair		Low	Medium	Low	Parking	100%	Remove
288	Corymbia citriodora | Lemon-scented Gum	17	8	340	380	4080	2204	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
289	Corymbia citriodora | Lemon-scented Gum	17	8	340	380	4080	2204	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
290	Corymbia citriodora | Lemon-scented Gum	9	5	200	250	2400	1849	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
291	Corymbia citriodora | Lemon-scented Gum	9	5	200	250	2400	1849	Fair	Fair		Low	Medium	Low	Parking	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
292	Corymbia citriodora | Lemon-scented Gum	18	8	375	420	4500	2299	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
293	Corymbia citriodora | Lemon-scented Gum	18	9	390	430	4680	2322	Good	Fair		Low	Medium	Medium	Parking	100%	Remove
294	Corymbia citriodora | Lemon-scented Gum	18	9	440	500	5280	2474	Good	Fair		Low	Medium	Medium	B 6	100%	Remove
295	Corymbia citriodora | Lemon-scented Gum (x3)	10	4	225	270	2700	1910	Good	Fair		Low	Medium	Low	Parking	100%	Remove
296	Corymbia citriodora | Lemon-scented Gum	18	9	410	440	4920	2344	Good	Fair		Low	Medium	Medium	B 6	100%	Remove
297	Phoenix canariensis | Canary Island Date Palm	5	5	400	500	3500	0	Good	Fair		Low	Medium	Low	Rd & Parking	100%	Remove
298	Magnolia grandiflora | Bull Bay	5	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	Path & B 6	100%	Remove
299	Magnolia grandiflora | Bull Bay	5	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	B 6	100%	Remove
300	Magnolia grandiflora | Bull Bay	5	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	B 6	100%	Remove
301	Magnolia grandiflora | Bull Bay	5	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	Path & Parking	100%	Remove
302	Magnolia grandiflora | Bull Bay	5	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	Rd	100%	Remove
303	Magnolia grandiflora | Bull Bay	3	3	250	300	3000	1996	Fair	Good		Low	Medium	Low	B 7	100%	Remove
304	Magnolia grandiflora | Bull Bay	3	3	250	300	3000	1996	Fair	Good		Low	Medium	Low	B 7	100%	Remove
305	Magnolia grandiflora | Bull Bay	6	6	385	430	4620	2322	Good	Good		Low	Medium	Low	B 7	100%	Remove
306	Magnolia grandiflora | Bull Bay	4	300	385	320	4620	2051	Fair	Good		Low	Medium	Low	B 7	100%	Remove
307	Magnolia grandiflora | Bull Bay	4	300	385	320	4620	2051	Fair	Good		Low	Medium	Low	B 7	100%	Remove
308	Magnolia grandiflora | Bull Bay	5	5	350	370	4200	2180	Fair	Good		Low	Medium	Low	B 7	100%	Remove
309	Magnolia grandiflora | Bull Bay (x3)	4	4	250	300	3000	1996	Fair	Good		Low	Medium	Low	Parking	100%	Remove
310	Magnolia grandiflora | Bull Bay	6	6	375	400	4500	2252	Good	Good		Low	Medium	Low	Parking	100%	Remove
311	Magnolia grandiflora | Bull Bay	4	5	275	325	3300	2064	Fair	Good		Low	Medium	Low	Parking	100%	Remove
312	Magnolia grandiflora | Bull Bay	5	7	350	380	4200	2204	Good	Good		Low	Medium	Low	B 5 & Parking	100%	Remove
313	Magnolia grandiflora | Bull Bay	3	3	250	285	3000	1953	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
314	Magnolia grandiflora | Bull Bay	3	3	250	285	3000	1953	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
315	Magnolia grandiflora | Bull Bay	3	3	250	285	3000	1953	Fair	Fair		Low	Medium	Low	B 5	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
316	Magnolia grandiflora | Bull Bay	8	9	475	500	5700	2474	Good	Good		Medium	Medium	Medium	B 5	100%	Remove
317	Magnolia grandiflora | Bull Bay	7	8	420	450	5040	2366	Good	Good		Medium	Medium	Medium	B 5	100%	Remove
318	Magnolia grandiflora | Bull Bay	6	5	325	375	3900	2192	Good	Good		Low	Medium	Low	B 5	100%	Remove
319	Magnolia grandiflora | Bull Bay	6	5	325	375	3900	2192	Good	Good		Low	Medium	Low	B 5	100%	Remove
320	Magnolia grandiflora | Bull Bay	6	5	325	375	3900	2192	Good	Good		Low	Medium	Low	B 5	100%	Remove
321	Corymbia citriodora | Lemon-scented Gum	16	8	340	400	4080	2252	Fair	Fair	Poor tree form	Low	Medium	Low	B 5	100%	Remove
322	Corymbia citriodora | Lemon-scented Gum	19	9	420	480	5040	2431	Good	Fair	Wound(s)	Low	Medium	Medium	B 5	100%	Remove
323	Corymbia citriodora | Lemon-scented Gum	16	6	300	360	3600	2155	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
324	Corymbia citriodora | Lemon-scented Gum	18	8	400	440	4800	2344	Good	Poor	Poor tree form | Potential root plate movement	Low	Medium	Low	B 5	100%	Remove
325	Corymbia citriodora | Lemon-scented Gum	20	8	400	440	4800	2344	Good	Fair		Low	Medium	Medium	B 5	100%	Remove
326	Corymbia citriodora | Lemon-scented Gum	12	4	200	250	2400	1849	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
327	Corymbia citriodora | Lemon-scented Gum	20	7	340	400	4080	2252	Fair	Fair		Low	Medium	Medium	B 5	100%	Remove
328	Corymbia citriodora | Lemon-scented Gum	18	7	320	350	3840	2129	Fair	Fair		Low	Medium	Medium	B 5	100%	Remove
329	Corymbia citriodora | Lemon-scented Gum	18	9	380	410	4560	2276	Good	Fair	Bleeding/sap flow	Low	Medium	Medium	B 5	100%	Remove
330	Corymbia citriodora | Lemon-scented Gum	14	6	320	370	3840	2180	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
331	Corymbia citriodora | Lemon-scented Gum	10	3	180	200	2160	1683	Poor	Fair		Low	Medium	Low	B 5	100%	Remove
332	Corymbia citriodora | Lemon-scented Gum	18	11	440	480	5280	2431	Fair	Fair		Low	Medium	Medium	B 5	100%	Remove
333	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair	Suspected Fusarium Wilt	Low	Medium	Low	B 5	100%	Remove
334	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Good	Suspected Fusarium Wilt	Low	Medium	Low	B 5	100%	Remove
335	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair	Suspected Fusarium Wilt	Low	Medium	Low	B 5	100%	Remove
336	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Poor	Poor	Suspected Fusarium Wilt	Low	Medium	Low	B 5	100%	Remove
337	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Dead	Poor	Suspected Fusarium Wilt	Low	n/a	Low	B 5	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
338	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair	Suspected Fusarium Wilt	Low	Medium	Low	B 5	100%	Remove
339	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
340	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
341	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
342	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
343	Cupaniopsis anacardioides | Tuckaroo	7	10	640	620	7680	2707	Good	Fair		Low	Medium	Medium	B 5	100%	Remove
344	Syzygium sp. | Lilly Pilly	6	2	200	230	2400	1785	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
345	Howea forsteriana | Kentia Palm	5	3	200	250	2500	0	Good	Good		Low	Medium	Low	B 5	100%	Remove
346	Ficus benjamina | Weeping Fig	16	12	670	780	8040	2981	Good	Fair	Included bark	Low	Medium	Low	B 5	100%	Remove
348	Cupaniopsis anacardioides | Tuckaroo	4	3	200	250	2400	1849	Fair	Fair		Low	Medium	Low	B 5 & Rd	100%	Remove
349	Dypsis leutescens | Golden Cane Palm	4	3	200	250	2500	0	Fair	Fair		Low	Medium	Low	B 5 & Rd	100%	Remove
350	Beaucarnea recurvata | Ponytail Palm	4	4	300	350	3000	0	Fair	Fair		Low	Medium	Low	B 5 & Rd	100%	Remove
351	Archontophoenix alexandrea | Alexandrea Palm (x3)	8	3	300	350	2500	0	Good	Good		Low	Medium	Low	B 5 & Rd	100%	Remove
352	Dypsis leutescens | Golden Cane Palm	4	3	200	250	2500	0	Fair	Fair		Low	Medium	Low	B 5 & Rd	100%	Remove
353	Cupaniopsis anacardioides | Tuckaroo	5	5	375	400	4500	2252	Fair	Fair		Low	Medium	Low	B 5 & Rd	100%	Remove
354	Stenocarpus sinuatus | Fire Wheel Tree	4	2	150	180	2000	1611	Fair	Fair		Low	Medium	Low	B 5 & Rd	100%	Remove
355	Syzygium sp. | Lilly Pilly	3	2	200	280	2400	1939	Poor	Fair		Low	Medium	Low	B 5 & Rd	100%	Remove
356	Archontophoenix alexandrea | Alexandrea Palm	8	3	325	380	2500	0	Fair	Good		Low	Medium	Low	Rd	100%	Remove
357	Archontophoenix alexandrea | Alexandrea Palm	8	3	325	380	2500	0	Fair	Good		Low	Medium	Low	Rd	100%	Remove
358	Corymbia citriodora | Lemon-scented Gum	21	12	450	500	5400	2474	Good	Good		Medium	Medium	Medium	Rd	100%	Remove
359	Corymbia citriodora | Lemon-scented Gum	17	7	370	400	4440	2252	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
360	Corymbia citriodora | Lemon-scented Gum	17	7	370	400	4440	2252	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
361	Corymbia citriodora | Lemon-scented Gum	16	6	300	350	3600	2129	Fair	Fair		Low	Medium	Low	Rd	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
362	Corymbia citriodora | Lemon-scented Gum	16	6	300	350	3600	2129	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
363	Corymbia citriodora | Lemon-scented Gum	8	5	200	280	2400	1939	Poor	Poor		Low	Medium	Low	Rd	100%	Remove
364	Corymbia citriodora | Lemon-scented Gum	16	7	340	380	4080	2204	Dead	Poor		Low	n/a	Low	Rd	100%	Remove
365	Corymbia citriodora | Lemon-scented Gum	16	7	340	380	4080	2204	Poor	Fair		Low	Medium	Low	Rd	100%	Remove
366	Corymbia citriodora | Lemon-scented Gum	16	7	340	380	4080	2204	Poor	Fair		Low	Medium	Low	Rd	100%	Remove
367	Corymbia citriodora | Lemon-scented Gum	7	3	200	250	2400	1849	Poor	Fair		Low	Medium	Low	Rd	100%	Remove
368	Corymbia citriodora | Lemon-scented Gum	14	6	325	370	3900	2180	Poor	Fair		Low	Medium	Low	Rd	100%	Remove
369	Corymbia citriodora | Lemon-scented Gum	17	10	400	470	4800	2410	Fair	Good		Medium	Medium	Medium	Rd	100%	Remove
370	Corymbia citriodora | Lemon-scented Gum	16	5	270	310	3240	2024	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
371	Corymbia citriodora | Lemon-scented Gum	8	3	200	250	2400	1849	Dead	Fair		Low	n/a	Low	Rd	100%	Remove
372	Corymbia citriodora | Lemon-scented Gum	10	3	275	320	3300	2051	Dead	Fair		Low	n/a	Low	Rd	100%	Remove
373	Corymbia citriodora | Lemon-scented Gum	20	10	440	480	5280	2431	Fair	Fair		Medium	Medium	Medium	Rd	100%	Remove
374	Corymbia citriodora | Lemon-scented Gum	10	5	225	280	2700	1939	Poor	Fair		Low	Medium	Low	Rd	100%	Remove
375	Corymbia citriodora | Lemon-scented Gum	15	9	375	420	4500	2299	Fair	Good		Medium	Medium	Medium	Rd	100%	Remove
376	Magnolia grandiflora | Bull Bay	4	5	275	300	3300	1996	Good	Good		Low	Medium	Low	Parking	100%	Remove
377	Magnolia grandiflora | Bull Bay	4	5	275	300	3300	1996	Good	Good		Low	Medium	Low	Parking	100%	Remove
378	Magnolia grandiflora | Bull Bay	4	5	275	300	3300	1996	Good	Good		Low	Medium	Low	Parking	100%	Remove
379	Magnolia grandiflora | Bull Bay	4	5	300	350	3600	2129	Good	Good		Low	Medium	Low	Café	100%	Remove
380	Magnolia grandiflora | Bull Bay	6	6	400	380	4800	2204	Good	Good		Low	Medium	Low	Café	100%	Remove
381	Banksia serrata | Saw-toothed Banksia	4	4	250	350	3000	2129	Poor	Fair		Low	Medium	Low	Café	100%	Remove
382	Melaleuca bracteata | Black Tea Tree	8	8	450	500	5400	2474	Good	Fair		Low	Medium	Low	B 5	100%	Remove
383	Melaleuca bracteata | Black Tea Tree	8	8	450	500	5400	2474	Good	Fair		Low	Medium	Low	B 5	100%	Remove
384	Melaleuca bracteata | Black Tea Tree	8	8	450	500	5400	2474	Good	Fair		Low	Medium	Low	B 5	100%	Remove
385	Melaleuca bracteata | Black Tea Tree	5	3	250	280	3000	1939	Fair	Fair		Low	Medium	Low	B 5	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
386	Jacaranda mimosifolia | Jacaranda	5	6	400	425	4800	2310	Good	Fair		Low	Medium	Low	B 5	100%	Remove
387	Banksia integrifolia | Coast Banksia	4	4	320	390	3840	2228	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
388	Banksia integrifolia | Coast Banksia	10	8	530	680	6360	2814	Dead	Fair		Low	n/a	Low	B 5	100%	Remove
389	Banksia integrifolia | Coast Banksia	12	5	320	360	3840	2155	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
390	Banksia integrifolia | Coast Banksia	12	5	375	400	4500	2252	Good	Fair		Low	Medium	Low	Café	100%	Remove
391	Washingtonia robusta | Washington Palm	4	3	300	350	2500	0	Fair	Fair		Low	Medium	Low	Café	100%	Remove
392	Banksia integrifolia | Coast Banksia	6	5	350	375	4200	2192	Fair	Fair		Low	Medium	Low	Café	100%	Remove
393	Banksia integrifolia | Coast Banksia	17	8	440	490	5280	2453	Good	Fair		Medium	Medium	Medium	Café	100%	Remove
394	Banksia integrifolia | Coast Banksia	9	5	330	380	3960	2204	Fair	Fair		Low	Medium	Low	Café	100%	Remove
395	Banksia integrifolia | Coast Banksia	4	2	225	260	2700	1879	Fair	Fair		Low	Medium	Low	Café	100%	Remove
396	Banksia integrifolia | Coast Banksia	17	7	420	450	5040	2366	Good	Fair		Medium	Medium	Medium	Café	100%	Remove
397	Washingtonia robusta | Washington Palm	9	5	420	450	3500	0	Good	Fair		Low	Medium	Low	Café	100%	Remove
398	Callistemon viminalis | Weeping Bottlebrush	5	5	390	440	4680	2344	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
399	Callistemon viminalis | Weeping Bottlebrush	5	5	390	440	4680	2344	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
400	Syzygium sp. | Lilly Pilly	4	4	300	370	3600	2180	Good	Good		Low	Medium	Low	B 5	100%	Remove
401	Corymbia citriodora | Lemon-scented Gum	18	11	520	625	6240	2717	Good	Fair		Medium	Medium	Medium	B 5	100%	Remove
402	Corymbia citriodora | Lemon-scented Gum	18	11	450	520	5400	2515	Fair	Fair	Decay | Root damage | Soil grade change | Wound(s)			Low	B 5	100%	Remove
403	Corymbia maculata | Spotted Gum	12	6	340	380	4080	2204	Poor	Poor	Decay | Dieback-general | Wound(s)		Short	Low	B 5	100%	Remove
404	Syzygium sp. | Lilly Pilly	4	5	370	360	4440	2155	Good	Fair		Low	Medium	Low	B 5	100%	Remove
405	Cupaniopsis anacardioides | Tuckaroo	5	5	320	350	3840	2129	Good	Fair		Low	Medium	Low	B 5	100%	Remove
406	Cupaniopsis anacardioides | Tuckaroo	6	5	350	380	4200	2204	Good	Fair		Low	Medium	Low	B 5	100%	Remove
407	Syzygium sp. | Lilly Pilly	5	3	225	270	2700	1910	Fair	Fair		Low	Medium	Low	B 5	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
408	Syzygium sp. | Lilly Pilly	5	3	225	270	2700	1910	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
409	Syzygium sp. | Lilly Pilly	4	3	240	260	2880	1879	Poor	Fair		Low	Medium	Low	B 5	100%	Remove
410	Syzygium sp. | Lilly Pilly	4	3	240	260	2880	1879	Poor	Fair		Low	Medium	Low	B 5	100%	Remove
411	Cupaniopsis anacardioides | Tuckaroo	5	4	380	390	4560	2228	Good	Poor		Low	Medium	Low	B 5	100%	Remove
412	Cupaniopsis anacardioides | Tuckaroo	9	9	460	500	5520	2474	Good	Fair		Medium	Medium	Medium	B 5	100%	Remove
413	Cupaniopsis anacardioides | Tuckaroo	8	5	340	290	4080	1968	Good	Fair		Low	Medium	Low	B 5	100%	Remove
414	Cupaniopsis anacardioides | Tuckaroo	8	5	340	290	4080	1968	Good	Fair		Low	Medium	Low	B 5	100%	Remove
415	Cupaniopsis anacardioides | Tuckaroo	8	5	340	290	4080	1968	Good	Fair		Low	Medium	Low	B 5	100%	Remove
416	Cupaniopsis anacardioides | Tuckaroo	8	5	340	290	4080	1968	Good	Fair		Low	Medium	Low	B 5	100%	Remove
417	Cupaniopsis anacardioides | Tuckaroo	8	5	340	290	4080	1968	Good	Fair		Low	Medium	Low	B 5	100%	Remove
418	Cupaniopsis anacardioides | Tuckaroo	7	4	325	360	3900	2155	Good	Fair		Low	Medium	Low	B 5	100%	Remove
419	Cupaniopsis anacardioides | Tuckaroo	7	4	325	360	3900	2155	Good	Fair		Low	Medium	Low	B 5	100%	Remove
420	Cupaniopsis anacardioides | Tuckaroo	7	4	325	360	3900	2155	Good	Fair		Low	Medium	Low	B 5	100%	Remove
421	Cupaniopsis anacardioides | Tuckaroo	5	3	270	310	3240	2024	Good	Fair		Low	Medium	Low	B 5	100%	Remove
422	Cupaniopsis anacardioides | Tuckaroo	8	5	375	430	4500	2322	Good	Fair		Low	Medium	Low	B 5	100%	Remove
423	Cupaniopsis anacardioides | Tuckaroo	8	5	375	430	4500	2322	Good	Fair		Low	Medium	Low	B 5	100%	Remove
424	Cupaniopsis anacardioides | Tuckaroo	6	6	325	375	3900	2192	Good	Fair		Low	Medium	Low	B 5	100%	Remove
425	Cupaniopsis anacardioides | Tuckaroo	3	3	200	250	2400	1849	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
426	Cupaniopsis anacardioides | Tuckaroo	8	10	530	500	6360	2474	Good	Fair		Medium	Medium	Medium	B 5	100%	Remove
427	Syzygium sp. | Lilly Pilly	4	2	200	250	2400	1849	Poor	Fair		Low	Medium	Low	B 5	100%	Remove
428	Syzygium sp. | Lilly Pilly	4	2	200	250	2400	1849	Poor	Fair		Low	Medium	Low	B 5	100%	Remove
429	Melaleuca quinquenervia | Broad-leaved Paperbark	14	8	450	500	5400	2474	Fair	Fair		Medium	Medium	Medium	B 5	100%	Remove
430	Melaleuca quinquenervia | Broad-leaved Paperbark	9	5	375	400	4500	2252	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
431	Melaleuca quinquenervia | Broad-leaved	17	10	800	800	9600	3013	Fair	Fair		Medium	Medium	Medium	B 5	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
	Paperbark															
432	Melaleuca quinquenervia | Broad-leaved Paperbark	15	9	450	480	5400	2431	Fair	Fair		Medium	Medium	Medium	B 5	100%	Remove
433	Melaleuca quinquenervia | Broad-leaved Paperbark (x3)	10	6	360	380	4320	2204	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
434	Melaleuca quinquenervia | Broad-leaved Paperbark	10	6	425	480	5100	2431	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
435	Melaleuca quinquenervia | Broad-leaved Paperbark	6	4	325	370	3900	2180	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
436	Melaleuca quinquenervia | Broad-leaved Paperbark	6	4	325	370	3900	2180	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
437	Melaleuca quinquenervia | Broad-leaved Paperbark	8	5	375	400	4500	2252	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
438	Melaleuca quinquenervia | Broad-leaved Paperbark	8	5	375	400	4500	2252	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
439	Melaleuca quinquenervia | Broad-leaved Paperbark	6	3	325	370	3900	2180	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
440	Melaleuca quinquenervia | Broad-leaved Paperbark	6	3	325	370	3900	2180	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
441	Melaleuca quinquenervia | Broad-leaved Paperbark	5	6	375	400	4500	2252	Good	Fair		Low	Medium	Low	B 5	100%	Remove
442	Washingtonia robusta | Washington Palm	14	5	375	400	3500	0	Fair	Good		Low	Medium	Low	B 5	100%	Remove
443	Melaleuca quinquenervia | Broad-leaved Paperbark (x2)	3	3	270	300	3240	1996	Fair	Fair		Low	Medium	Low	B 5	100%	Remove
444	Angophora costata | Smooth-barked Apple Myrtle	12	9	400	440	4800	2344	Good	Good		Medium	Medium	Medium	B 5	100%	Remove
445	Schefflera actinophylla | Umbrella Tree	4	4	450	450	3000	0	Good	Poor		Low	Medium	Low	Rd & Parking	100%	Remove
446	Howea forsteriana | Kentia Palm (x2)	6	3	270	320	2500	0	Fair	Fair		Low	Medium	Low	Rd & Parking	100%	Remove
447	Archontophoenix cunninghamiana | Bangalow Palm	6	3	270	320	2500	0	Fair	Fair		Low	Medium	Low	Rd & Parking	100%	Remove
448	Phoenix canariensis | Canary Island Date Palm	12	6	600	800	4000	0	Good	Good		Medium	Medium	Medium	Rd & Parking	100%	Remove
449	Phoenix canariensis | Canary Island Date Palm	12	6	600	800	4000	0	Good	Good		Low	Medium	Low	Rd	17.9%	Retain
450	Araucaria columnaris | Cook Araucaria	22	8	600	680	7200	2814	Good	Good		High	Medium	High	Parking	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
451	Araucaria columnaris | Cook Araucaria	8	3	320	360	3840	2155	Good	Good		Low	Medium	Low	Parking	100%	Remove
452	Araucaria columnaris | Cook Araucaria	16	5	425	480	5100	2431	Good	Good		Medium	Medium	Medium	Parking	100%	Remove
453	Araucaria columnaris | Cook Araucaria	21	7	480	540	5760	2555	Good	Good		High	Medium	High	Parking	100%	Remove
454	Washingtonia robusta | Washington Palm	14	5	400	440	3500	0	Fair	Fair	Suspected Fusarium Wilt	Low	Medium	Low	Parking	100%	Remove
455	Callistemon viminalis | Weeping Bottlebrush	4	9	440	450	5280	2366	Good	Fair	Suspected Fusarium Wilt	Low	Medium	Low	Parking	100%	Remove
456	Cupaniopsis anacardioides | Tuckaroo	3	3	150	200	2000	1683	Good	Good	Suspected Fusarium Wilt	Low	Medium	Low	Parking	100%	Remove
457	Washingtonia sp | Washington Palm	14	5	400	485	3500	0	Fair	Fair	Suspected Fusarium Wilt	Low	Medium	Low	Parking	100%	Remove
458	Gleditsia triacanthos | Honey Locust	4	4	300	330	3600	2077	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
459	Glochidion ferdinandi | Cheese Tree	3	3	275	300	3300	1996	Poor	Fair		Low	Medium	Low	Parking	100%	Remove
460	Washingtonia robusta | Washington Palm	8	3	275	300	2500	0	Poor	Fair		Low	Medium	Low	Parking	100%	Remove
461	Livistona australis | Cabbage Fan Palm	14	3	275	300	2500	0	Poor	Fair		Low	Medium	Low	Cut	100%	Remove
462	Phoenix canariensis | Canary Island Date Palm	7	4	400	460	3000	0	Poor	Poor	Suspected Fusarium Wilt	Low	Medium	Low	Cut	100%	Remove
463	Washingtonia robusta | Washington Palm	8	4	400	500	3000	0	Fair	Fair		Low	Medium	Low	Fill	100%	Remove
464	Livistona australis | Cabbage Fan Palm	12	4	370	400	3000	0	Fair	Fair		Low	Medium	Low	Fill	100%	Remove
465	Washingtonia robusta | Washington Palm	5	4	400	500	3000	0	Good	Fair		Low	Medium	Low	Fill	100%	Remove
466	Washingtonia robusta | Washington Palm	10	4	400	500	3000	0	Fair	Fair		Low	Medium	Low	Fill	100%	Remove
467	Washingtonia robusta | Washington Palm	10	4	400	500	3000	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
468	Livistona australis | Cabbage Fan Palm	9	4	325	375	3000	0	Good	Fair		Low	Medium	Low	Parking	100%	Remove
469	Cupaniopsis anacardioides | Tuckaroo	10	9	420	460	5040	2388	Good	Fair		Medium	Medium	Medium	Parking	100%	Remove
470	Cupaniopsis anacardioides | Tuckaroo	10	9	420	460	5040	2388	Good	Fair		Low	Medium	Low	Parking	100%	Remove
471	Cupaniopsis anacardioides | Tuckaroo	8	9	450	440	5400	2344	Good	Fair		Low	Medium	Low	Parking	100%	Remove
472	Washingtonia robusta | Washington Palm	14	5	340	385	3500	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
473	Washingtonia robusta | Washington Palm	5	5	400	465	3500	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
474	Livistona sp. | Fan Palm	11	5	375	400	3500	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
475	Melia azedarach | White Cedar	4	4	270	290	3240	1968	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
476	Cotoneaster sp. | Cotoneaster	4	6	375	400	4500	2252	Good	Fair		Low	Medium	Low	Parking	100%	Remove
477	Phoenix canariensis | Canary Island Date Palm	9	6	800	1000	4000	0	Good	Fair		Low	Medium	Low	Parking	100%	Remove
478	Alnus jorullensis | Mexican Alder	6	6	375	420	4500	2299	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
479	Phoenix dactylifera | Date Palm	10	6	375	420	4000	0	Good	Fair		Low	Medium	Low	Parking & Fill	100%	Remove
480	Archontophoenix cunninghamiana | Bangalow Palm	6	3	300	370	2500	0	Fair	Fair		Low	Medium	Low	Parking & Fill	100%	Remove
481	Banksia integrifolia | Coast Banksia	3	3	250	300	3000	1996	Good	Fair		Low	Medium	Low	Parking & Fill	100%	Remove
482	Phoenix canariensis | Canary Island Date Palm	4	3	400	500	2500	0	Dead	Fair		Low	n/a	Low	Parking & Cut	100%	Remove
483	Washingtonia robusta | Washington Palm	16	4	400	475	3000	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
484	Howea forsteriana | Kentia Palm (x3)	4	3	250	300	2500	0	Good	Fair		Low	Medium	Low	Parking	100%	Remove
485	Washingtonia robusta | Washington Palm	16	3	375	440	2500	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
486	Beaucarnea recurvata | Ponytail Palm	3	5	400	1000	3500	0	Good	Fair		Low	Medium	Low	Parking	100%	Remove
487	Phoenix canariensis | Canary Island Date Palm	10	5	600	750	3500	0	Good	Fair		Low	Medium	Low	Parking	100%	Remove
488	Dypsis leutescens | Golden Cane Palm	4	5	350	400	3500	0	Fair	Fair		Low	Medium	Low	Parking	48%	Remove
489	Alnus jorullensis | Mexican Alder	5	5	340	375	4080	2192	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
490	Washingtonia robusta | Washington Palm	11	5	340	375	3500	0	Fair	Fair		Low	Medium	Low	NA	0%	Retain
491	Washingtonia robusta | Washington Palm	17	6	800	900	4000	0	Good	Good		High	Medium	High	NA	0%	Retain
492	Melaleuca bracteata | Black Tea Tree	8	3	320	350	3840	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
493	Melaleuca styphelioides | Prickly-leaved Paperbark	11	7	390	420	4680	2299	Fair	Fair		Low	Medium	Low	NA	0%	Retain
494	Livistona australis | Cabbage Fan Palm	4	3	300	370	2500	0	Fair	Fair		Low	Medium	Low	NA	0%	Retain
495	Livistona australis | Cabbage Fan Palm	11	6	400	470	4000	0	Fair	Fair		Low	Medium	Low	NA	0%	Retain
496	Melaleuca bracteata | Black Tea Tree	11	6	400	470	4800	2410	Fair	Fair		Low	Medium	Low	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
497	Casuarina glauca | Swamp she-oak	17	5	350	400	4200	2252	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
498	Casuarina glauca | Swamp she-oak	17	5	350	400	4200	2252	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
499	Syagrus romanzoffiana | Cocos Palm	12	5	375	440	3500	0	Fair	Fair		Low	Medium	Low	NA	0%	Retain
500	Dracena sp. | Dracena	3	4	375	450	3000	0	Fair	Fair		Low	Medium	Low	NA	0%	Retain
501	Casuarina glauca | Swamp she-oak	16	5	300	350	3600	2129	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
502	Casuarina glauca | Swamp she-oak	16	5	400	440	4800	2344	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
503	Casuarina glauca | Swamp she-oak	16	5	400	440	4800	2344	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
504	Casuarina glauca | Swamp she-oak	16	5	350	380	4200	2204	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
505	Casuarina glauca | Swamp she-oak	11	5	200	250	2400	1849	Fair	Fair		Low	Medium	Low	NA	0%	Retain
506	Casuarina glauca | Swamp she-oak	16	5	400	440	4800	2344	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
507	Casuarina glauca | Swamp she-oak	16	5	400	460	4800	2388	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
508	Casuarina glauca | Swamp she-oak	16	5	400	460	4800	2388	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
509	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
510	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
511	Casuarina glauca | Swamp she-oak	16	5	380	430	4560	2322	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
512	Casuarina glauca | Swamp she-oak	16	6	380	430	4560	2322	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
513	Casuarina glauca | Swamp she-oak	16	6	380	430	4560	2322	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
514	Casuarina glauca | Swamp she-oak	17	6	380	425	4560	2310	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
515	Casuarina glauca | Swamp she-oak	18	6	360	390	4320	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
516	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
517	Casuarina glauca | Swamp she-oak	12	3	200	250	2400	1849	Fair	Fair		Low	Medium	Low	NA	0%	Retain
518	Casuarina glauca | Swamp she-oak	17	4	375	390	4500	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
519	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
520	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
521	Casuarina glauca | Swamp she-oak	19	7	400	460	4800	2388	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
522	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
523	Casuarina glauca | Swamp she-oak	11	3	200	230	2400	1785	Fair	Fair		Low	Medium	Low	NA	0%	Retain
524	Casuarina glauca | Swamp she-oak	11	3	175	200	2100	1683	Fair	Fair		Low	Medium	Low	NA	0%	Retain
525	Casuarina glauca | Swamp she-oak	18	5	400	460	4800	2388	Fair	Fair		Low	Medium	Low	NA	0%	Retain
526	Casuarina glauca | Swamp she-oak	18	6	420	520	5040	2515	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
527	Casuarina glauca | Swamp she-oak	9	3	180	200	2160	1683	Fair	Fair		Low	Medium	Low	NA	0%	Retain
528	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
529	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
530	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
531	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
532	Casuarina glauca | Swamp she-oak	16	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
533	Casuarina glauca | Swamp she-oak	16	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
534	Casuarina glauca | Swamp she-oak	16	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
535	Casuarina glauca | Swamp she-oak	11	3	275	300	3300	1996	Fair	Fair		Low	Medium	Low	NA	0%	Retain
536	Casuarina glauca | Swamp she-oak	17	5	390	440	4680	2344	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
537	Casuarina glauca | Swamp she-oak	10	3	200	225	2400	1769	Fair	Fair		Low	Medium	Low	NA	0%	Retain
538	Casuarina glauca | Swamp she-oak	17	5	390	435	4680	2333	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
539	Casuarina glauca | Swamp she-oak	11	4	240	270	2880	1910	Fair	Fair		Low	Medium	Low	NA	0%	Retain
540	Casuarina glauca | Swamp she-oak	9	3	200	240	2400	1817	Fair	Fair		Low	Medium	Low	NA	0%	Retain
541	Casuarina glauca | Swamp she-oak	18	6	390	440	4680	2344	Fair	Fair		Low	Medium	Low	NA	0%	Retain
542	Casuarina glauca | Swamp she-oak	9	4	200	230	2400	1785	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
543	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
544	Casuarina glauca | Swamp she-oak	17	5	350	390	4200	2228	Fair	Fair		Low	Medium	Medium	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
545	Casuarina glauca | Swamp she-oak	16	5	350	375	4200	2192	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
546	Casuarina glauca | Swamp she-oak	16	5	325	375	3900	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
547	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
548	Casuarina glauca | Swamp she-oak	16	5	325	390	3900	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
549	Casuarina glauca | Swamp she-oak	19	6	400	440	4800	2344	Fair	Fair	Included bark	Low	Medium	Low	NA	0%	Retain
550	Casuarina glauca | Swamp she-oak	7	2	130	150	2000	1500	Fair	Fair		Low	Medium	Low	NA	0%	Retain
551	Washingtonia robusta | Washington Palm	8	3	350	400	2500	0	Good			Low	Medium	Low	NA	0%	Retain
552	Casuarina glauca | Swamp she-oak	16	5	300	370	3600	2180	Fair	Fair		Low	Medium	Low	NA	0%	Retain
553	Casuarina glauca | Swamp she-oak	16	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
554	Casuarina glauca | Swamp she-oak	16	5	300	375	3600	2192	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
555	Casuarina glauca | Swamp she-oak	17	6	350	380	4200	2204	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
556	Casuarina glauca | Swamp she-oak	8	3	180	220	2160	1752	Fair	Fair		Low	Medium	Low	NA	0%	Retain
557	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
558	Casuarina glauca | Swamp she-oak	17	6	375	400	4500	2252	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
559	Casuarina glauca | Swamp she-oak	17	5	375	425	4500	2310	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
560	Casuarina glauca | Swamp she-oak	15	5	360	400	4320	2252	Fair	Fair		Low	Medium	Low	NA	0%	Retain
561	Casuarina glauca | Swamp she-oak	4	2	100	120	2000	1500	Fair	Fair		Low	Medium	Low	NA	0%	Retain
562	Casuarina glauca | Swamp she-oak	18	6	400	450	4800	2366	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
563	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
564	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
565	Casuarina glauca | Swamp she-oak	15	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
566	Casuarina glauca | Swamp she-oak	15	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
567	Casuarina glauca | Swamp she-oak	9	3	180	210	2160	1718	Fair	Fair		Low	Medium	Low	NA	0%	Retain
568	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
569	Casuarina glauca | Swamp she-oak	15	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
570	Casuarina glauca | Swamp she-oak	16	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
571	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
572	Casuarina glauca | Swamp she-oak	8	3	175	190	2100	1647	Fair	Fair		Low	Medium	Low	NA	0%	Retain
573	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
574	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
575	Casuarina glauca | Swamp she-oak	17	6	360	390	4320	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
576	Casuarina glauca | Swamp she-oak	8	2	180	230	2160	1785	Fair	Fair					NA	0%	Retain
577	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
578	Casuarina glauca | Swamp she-oak	18	6	400	430	4800	2322	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
579	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
580	Casuarina glauca | Swamp she-oak	17	6	390	425	4680	2310	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
581	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
582	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
583	Casuarina glauca | Swamp she-oak	19	7	430	450	5160	2366	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
584	Casuarina glauca | Swamp she-oak	18	6	340	380	4080	2204	Fair	Fair		Low	Medium	Low	NA	0%	Retain
585	Casuarina glauca | Swamp she-oak	7	3	180	200	2160	1683	Fair	Fair		Low	Medium	Low	NA	0%	Retain
586	Casuarina glauca | Swamp she-oak	16	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
587	Casuarina glauca | Swamp she-oak	16	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
588	Casuarina glauca | Swamp she-oak	17	6	330	350	3960	2129	Fair	Fair		Low	Medium	Low	NA	0%	Retain
589	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
590	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
591	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
592	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
593	Casuarina glauca | Swamp she-oak	18	6	400	430	4800	2322	Fair	Fair		Low	Medium	Low	NA	0%	Retain
594	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
595	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
596	Casuarina glauca | Swamp she-oak	15	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
597	Casuarina glauca | Swamp she-oak	15	4	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
598	Casuarina glauca | Swamp she-oak	15	4	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
599	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
600	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
601	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
602	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
603	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
604	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
605	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
606	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
607	Casuarina glauca | Swamp she-oak	17	5	375	420	4500	2299	Fair	Fair		Low	Medium	Low	NA	0%	Retain
608	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
609	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
610	Casuarina glauca | Swamp she-oak	15	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
611	Casuarina glauca | Swamp she-oak	17	6	375	400	4500	2252	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
612	Casuarina glauca | Swamp she-oak	16	4	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
613	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
614	Casuarina glauca | Swamp she-oak	18	5	380	440	4560	2344	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
615	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
616	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
617	Casuarina glauca | Swamp she-oak	16	4	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
618	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
619	Casuarina glauca | Swamp she-oak	17	5	380	400	4560	2252	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
620	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
621	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
622	Casuarina glauca | Swamp she-oak	16	5	300	390	3600	2228	Fair	Fair		Low	Medium	Low	NA	0%	Retain
623	Casuarina glauca | Swamp she-oak	18	6	425	480	5100	2431	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
624	Casuarina glauca | Swamp she-oak	17	5	390	420	4680	2299	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
625	Cupaniopsis anacardioides | Tuckaroo	4	4	275	300	3300	1996	Fair	Fair		Low	Medium	Low	NA	0%	Retain
626	Dracena sp. | Dracena	4	4	350	400	3000	0	Good	Fair		Low	Medium	Low	NA	0%	Retain
627	Cupaniopsis anacardioides | Tuckaroo (x7)	5	5	300	340	3600	2104	Good	Fair		Low	Medium	Low	NA	0%	Retain
628	Syagrus romanzoffiana | Cocos Palm	14	4	380	400	3000	0	Good	Fair		Medium	Medium	Medium	NA	0%	Retain
629	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
630	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
631	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
632	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
633	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
634	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
635	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
636	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
637	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
638	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
639	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
640	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
641	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
642	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
643	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
644	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
645	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
646	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
647	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
648	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
649	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
650	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
651	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
652	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
653	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
654	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
655	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
656	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
657	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
658	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
659	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
660	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
661	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
662	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
663	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
664	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
665	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
666	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
667	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
668	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
669	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
670	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
671	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
672	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
673	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
674	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
675	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
676	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
677	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
678	Cupaniopsis anacardioides | Tuckaroo	5	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
679	Phoenix canariensis | Canary Island Date Palm	9	4	600	675	3000	0	Fair	Fair		Low	Medium	Low	NA	0%	Retain
680	Howea forsteriana | Kentia Palm	6	3	200	240	2500	0	Fair	Poor		Low	Medium	Low	NA	0%	Retain
681	Syagrus romanzoffiana | Cocos Palm	9	5	375	350	3500	0	Fair	Fair		Low	Medium	Low	NA	0%	Retain
682	Syagrus romanzoffiana | Cocos Palm	12	5	375	400	3500	0	Fair	Fair		Low	Medium	Low	NA	0%	Retain
683	Livistona sp. | Fan Palm	9	5	375	400	3500	0	Fair	Fair		Low	Medium	Low	NA	0%	Retain
684	Syagrus romanzoffiana | Cocos Palm (x3)	8	5	375	400	3500	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
685	Phoenix roebelenii | Dwarf Date Palm	3	3	250	300	3000	1996	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
686	Syagrus romanzoffiana | Cocos Palm	6	3	250	300	2500	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
687	Syagrus romanzoffiana | Cocos Palm	6	3	250	300	2500	0	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
688	Washingtonia robusta | Washington Palm	4	4	300	375	3000	0	Fair	Fair		Low	Medium	Low	Rd	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
689	Syagrus romanzoffiana | Cocos Palm	11	4	375	400	3000	0	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
690	Syagrus romanzoffiana | Cocos Palm	11	4	375	400	3000	0	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
691	Syagrus romanzoffiana | Cocos Palm	11	4	325	370	3000	0	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
692	Syagrus romanzoffiana | Cocos Palm	11	4	325	370	3000	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
693	Syagrus romanzoffiana | Cocos Palm	11	4	325	370	3000	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
694	Washingtonia robusta | Washington Palm	10	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	Parking	100%	Remove
695	Washingtonia robusta | Washington Palm	6	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
696	Syagrus romanzoffiana | Cocos Palm	9	5	300	350	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
697	Phoenix roebelenii | Dwarf Date Palm	3	3	180	200	2160	1683	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
698	Washingtonia robusta | Washington Palm	8	5	230	260	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
699	Phoenix roebelenii | Dwarf Date Palm	3	5	180	220	2160	1752	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
700	Howea forsteriana | Kentia Palm	3	3	240	300	2500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
701	Washingtonia robusta | Washington Palm	5	5	600	750	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
702	Washingtonia robusta | Washington Palm	12	5	600	750	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
703	Howea forsteriana | Kentia Palm	5	3	200	250	2500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
704	Howea forsteriana | Kentia Palm	5	4	200	250	3000	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
705	Washingtonia robusta | Washington Palm	15	5	300	375	3500	0	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
706	Washingtonia robusta | Washington Palm	15	5	300	375	3500	0	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
707	Washingtonia robusta | Washington Palm	15	5	300	375	3500	0	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
708	Washingtonia robusta | Washington Palm (x3)	11	5	300	375	3500	0	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
709	Callistemon viminalis | Weeping Bottlebrush	4	5	350	375	4200	2192	Fair	Fair		Low	Medium	Low	Rd	100%	Remove
710	Washingtonia robusta | Washington Palm	7	5	350	375	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
711	Cupaniopsis anacardioides | Tuckaroo	6	6	400	450	4800	2366	Good	Fair	Previous failures	Low	Medium	Low	B 3	100%	Remove
712	Callistemon viminalis | Weeping	5	5	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
	Bottlebrush															
713	Callistemon viminalis | Weeping Bottlebrush	5	4	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
714	Callistemon viminalis | Weeping Bottlebrush	5	4	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
715	Callistemon viminalis | Weeping Bottlebrush (x3)	5	5	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
716	Callistemon viminalis | Weeping Bottlebrush (x3)	5	4	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
717	Callistemon viminalis | Weeping Bottlebrush (x2)	5	2	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
718	Callistemon viminalis | Weeping Bottlebrush (x2)	5	2	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
719	Callistemon viminalis | Weeping Bottlebrush (x3)	5	3	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
720	Callistemon viminalis | Weeping Bottlebrush (x3)	5	3	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
721	Callistemon viminalis | Weeping Bottlebrush (x3)	5	3	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
722	Callistemon viminalis | Weeping Bottlebrush (x3)	5	3	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
723	Callistemon viminalis | Weeping Bottlebrush (x3)	5	3	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
724	Callistemon viminalis | Weeping Bottlebrush (x2)	5	3	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
725	Callistemon viminalis | Weeping Bottlebrush (x3)	5	3	325	350	3900	2129	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
726	Angophora costata | Smooth-barked Apple Myrtle	15	7	425	470	5100	2410	Fair	Fair		Low	Medium	Medium	B 3	100%	Remove
727	Angophora costata | Smooth-barked Apple Myrtle	10	6	300	350	3600	2129	Poor	Fair	Major decline	Low	Medium	Low	B 3	100%	Remove
728	Livistona australis | Cabbage Fan Palm	4	4	300	350	3000	0	Fair	Good		Low	Medium	Low	B 3	100%	Remove
729	Washingtonia robusta | Washington Palm	6	5	300	350	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
730	Washingtonia robusta | Washington Palm	6	5	300	350	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
731	Angophora costata | Smooth-barked Apple Myrtle	14	8	380	420	4560	2299	Fair	Fair		Medium	Medium	Medium	B 3	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
732	Angophora costata | Smooth-barked Apple Myrtle	11	6	300	350	3600	2129	Poor	Fair		Low	Medium	Low	B 3	100%	Remove
733	Dead Tree | Dead tree	7	5	275	340	3300	2104	Dead	Fair		Low	n/a	Low	B 3	100%	Remove
734	Washingtonia robusta | Washington Palm	6	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
735	Washingtonia robusta | Washington Palm	6	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
736	Washingtonia robusta | Washington Palm	7	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
737	Washingtonia robusta | Washington Palm	8	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
738	Washingtonia robusta | Washington Palm	4	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
739	Dead Tree | Dead tree	7	4	300	350	3600	2129	Dead	Fair		Low	n/a	Low	B 3	100%	Remove
740	Angophora costata | Smooth-barked Apple Myrtle	11	7	375	400	4500	2252	Fair	Good		Low	Medium	Low	B 3	100%	Remove
741	Callistemon viminalis | Weeping Bottlebrush	5	6	325	380	3900	2204	Fair	Fair		Low	Medium	Low	B 4	100%	Remove
742	Pittosporum undulatum | Sweet Pittosporum	5	4	300	330	3600	2077	Good	Fair		Low	Medium	Medium	Ausgrid Easement	100%	Remove
743	Phoenix canariensis | Canary Island Date Palm	5	5	400	500	3500	0	Fair	Fair		Low	Medium	Medium	NA	0%	Retain
744	Melaleuca quinquenervia | Broad-leaved Paperbark	15	8	400	440	4800	2344	Good	Good		Low	Medium	Low	NA	0%	Retain
745	Melaleuca quinquenervia | Broad-leaved Paperbark	15	8	400	440	4800	2344	Good	Good		Low	Medium	Low	NA	0%	Retain
746	Melaleuca quinquenervia | Broad-leaved Paperbark	10	8	400	460	4800	2388	Good	Fair		Low	Medium	Low	NA	0%	Retain
747	Melaleuca quinquenervia | Broad-leaved Paperbark	11	6	320	360	3840	2155	Good	Good		Low	Medium	Medium	NA	0%	Retain
748	Acmena smithii | Lilly Pilly	10	4	300	380	3600	2204	Good	Fair		Low	Medium	Low	NA	0%	Retain
749	Melaleuca quinquenervia | Broad-leaved Paperbark	10	6	375	470	4500	2410	Good	Fair		Low	Medium	Low	NA	0%	Retain
750	Melaleuca quinquenervia | Broad-leaved Paperbark	12	6	400	440	4800	2344	Fair	Fair		Low	Medium	Low	NA	0%	Retain
751	Acmena smithii | Lilly Pilly	8	4	300	325	3600	2064	Good	Fair		Low	Medium	Low	NA	0%	Retain
752	Melaleuca quinquenervia | Broad-leaved Paperbark	8	5	340	375	4080	2192	Good	Fair		Low	Medium	Medium	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
753	Melaleuca quinquenervia | Broad-leaved Paperbark	9	5	390	420	4680	2299	Fair	Fair		Low	Medium	Low	NA	0%	Retain
754	Melaleuca quinquenervia | Broad-leaved Paperbark	9	5	380	400	4560	2252	Fair	Fair		Low	Medium	Low	NA	0%	Retain
755	Melaleuca quinquenervia | Broad-leaved Paperbark	9	5	380	400	4560	2252	Fair	Fair		Low	Medium	Low	NA	0%	Retain
756	Acmena smithii | Lilly Pilly	4	2	225	250	2700	1849	Fair	Fair		Low	Medium	Low	NA	0%	Retain
757	Cupaniopsis anacardioides | Tuckaroo	7	7	380	420	4560	2299	Good	Fair		Low	Medium	Low	NA	0%	Retain
758	Cupaniopsis anacardioides | Tuckaroo	7	7	380	420	4560	2299	Fair	Fair		Low	Medium	Low	NA	0%	Retain
759	Cupaniopsis anacardioides | Tuckaroo	6	5	375	360	4500	2155	Fair	Fair		Low	Medium	Low	NA	0%	Retain
760	Cupaniopsis anacardioides | Tuckaroo	6	5	375	360	4500	2155	Fair	Fair		Low	Medium	Low	NA	0%	Retain
761	Acmena smithii | Lilly Pilly	4	4	280	325	3360	2064	Fair	Fair		Low	Medium	Low	NA	0%	Retain
762	Acmena smithii | Lilly Pilly	4	4	280	325	3360	2064	Fair	Fair		Low	Medium	Low	NA	0%	Retain
763	Melaleuca quinquenervia | Broad-leaved Paperbark	4	4	300	370	3600	2180	Fair	Fair		Low	Medium	Low	NA	0%	Retain
764	Melaleuca quinquenervia | Broad-leaved Paperbark	4	4	300	370	3600	2180	Fair	Fair		Low	Medium	Low	NA	0%	Retain
765	Ficus benjamina | Weeping Fig	6	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
766	Ficus benjamina | Weeping Fig	6	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
767	Ficus benjamina | Weeping Fig	6	5	300	375	3600	2192	Fair	Fair		Low	Medium	Low	NA	0%	Retain
768	Ficus benjamina | Weeping Fig	7	6	425	400	5100	2252	Fair	Fair		Low	Medium	Low	NA	0%	Retain
769	Ficus benjamina | Weeping Fig	11	8	430	400	5160	2252	Good	Fair		Medium	Medium	Medium	NA	0.4%	Retain
770	Ficus benjamina | Weeping Fig	14	10	470	450	5640	2366	Good	Fair		Low	Medium	Low	RW	68.2%	Remove
771	Ficus benjamina | Weeping Fig	14	7	385	380	4620	2204	Fair	Fair		Low	Medium	Low	RW	100%	Remove
772	Ficus benjamina | Weeping Fig	11	5	350	350	4200	2129	Fair	Fair		Low	Medium	Low	RW & Fill	100%	Remove
773	Ficus benjamina | Weeping Fig	11	5	350	350	4200	2129	Fair	Fair		Low	Medium	Low	RW & Fill	100%	Remove
774	Syzygium sp. | Lilly Pilly	6	3	230	250	2760	1849	Good	Fair		Low	Medium	Low	Fill	100%	Remove
775	Washingtonia sp | Washington Palm	6	5	380	450	3500	0	Fair	Fair		Low	Medium	Low	RW & Fill	35.1%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
776	Washingtonia robusta | Washington Palm	6	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	RW & Fill	100%	Remove
777	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	Fill	100%	Remove
778	Washingtonia robusta | Washington Palm	15	5	400	500	3500	0	Fair	Fair		Low	Medium	Low	RW	5.1%	Retain
779	Melaleuca quinquenervia | Broad-leaved Paperbark	7	4	340	380	4080	2204	Fair	Fair		Low	Medium	Low	RW	26.6%	Remove
780	Melaleuca quinquenervia | Broad-leaved Paperbark	7	4	340	380	4080	2204	Fair	Fair		Low	Medium	Low	RW & Fill	100%	Remove
781	Melaleuca quinquenervia | Broad-leaved Paperbark	7	4	340	380	4080	2204	Fair	Fair		Low	Medium	Low	RW & Fill	100%	Remove
782	Melaleuca quinquenervia | Broad-leaved Paperbark	7	4	340	380	4080	2204	Fair	Fair		Low	Medium	Low	RW & Fill	100%	Remove
783	Plumeria sp. | Frangipani	7	4	340	380	3000	0	Fair	Fair		Low	Medium	Low	B 4	100%	Remove
784	Washingtonia robusta | Washington Palm	16	5	400	500	3500	0	Fair	Good		Low	Medium	Medium	B 4	100%	Remove
785	Corymbia citriodora | Lemon-scented Gum	16	12	520	580	6240	2633	Good	Good		Medium	Medium	Medium	Rd	100%	Remove
786	Archontophoenix alexandrea | Alexandrea Palm	5	4	225	280	3000	0	Good	Good		Low	Medium	Low	Rd	100%	Remove
787	Archontophoenix alexandrea | Alexandrea Palm (x3)	5	4	225	280	3000	0	Good	Good		Low	Medium	Low	Rd	100%	Remove
788	Archontophoenix alexandrea | Alexandrea Palm	5	4	225	280	3000	0	Good	Good		Low	Medium	Low	Rd	100%	Remove
789	Archontophoenix alexandrea | Alexandrea Palm	5	4	225	280	3000	0	Good	Good		Low	Medium	Low	Rd	100%	Remove
790	Archontophoenix alexandrea | Alexandrea Palm	5	4	225	280	3000	0	Good	Good		Low	Medium	Low	Rd	100%	Remove
791	Corymbia citriodora | Lemon-scented Gum	12	9	400	475	4800	2421	Fair	Good		Low	Medium	Medium	Rd	100%	Remove
792	Howea forsteriana | Kentia Palm	1	3	200	250	2500	0	Good	Good		Low	Medium	Low	B 3	100%	Remove
793	Melaleuca quinquenervia | Broad-leaved Paperbark	12	8	480	460	5760	2388	Good	Good		Low	Medium	Medium	B 3	100%	Remove
794	Archontophoenix alexandrea | Alexandrea Palm	6	4	250	300	3000	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
795	Archontophoenix alexandrea | Alexandrea Palm	6	4	250	300	3000	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
796	Archontophoenix alexandrea | Alexandrea	6	4	250	300	3000	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
	Palm															
797	Archontophoenix alexandrea | Alexandrea Palm	6	4	250	300	3000	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
798	Archontophoenix alexandrea | Alexandrea Palm	6	4	250	300	3000	0	Fair	Fair		Low	Medium	Low	B 3	100%	Remove
799	Melaleuca quinquenervia | Broad-leaved Paperbark	10	8	480	540	5760	2555	Good	Fair		Low	Medium	Medium	Rd & Parking	100%	Remove
800	Howea forsteriana | Kentia Palm	3	3	180	250	2500	0	Fair	Good		Low	Medium	Low	Rd & Parking	100%	Remove
801	Archontophoenix alexandrea | Alexandrea Palm	5	5	300	375	3500	0	Good	Good		Low	Medium	Low	Rd & Parking	100%	Remove
802	Cyathea sp. | Tree Fern (x3)	3	4	200	250	3000	0	Good	Good		Low	Medium	Low	B 4	100%	Remove
803	Archontophoenix alexandrea | Alexandrea Palm	7	4	375	400	3000	0	Good	Fair		Low	Medium	Low	B 4	100%	Remove
804	Dypsis decaryi | Triangle Palm	5	5	375	400	3500	0	Fair	Good		Low	Medium	Low	B 4	100%	Remove
805	Angophora costata | Smooth-barked Apple Myrtle	8	4	300	340	3600	2104	Fair	Fair		Low	Medium	Low	NA	0%	Retain
806	Phoenix canariensis | Canary Island Date Palm	7	6	400	500	4000	0	Fair	Fair		Low	Medium	Low	RW & Fill	100%	Remove
807	Eucalyptus robusta | Swamp Mahogany	10	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
808	Eucalyptus robusta | Swamp Mahogany	10	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
809	Eucalyptus robusta | Swamp Mahogany	10	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
810	Eucalyptus robusta | Swamp Mahogany	9	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
811	Eucalyptus robusta | Swamp Mahogany	9	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
812	Eucalyptus robusta | Swamp Mahogany	9	4	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
813	Eucalyptus robusta | Swamp Mahogany	10	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
814	Eucalyptus robusta | Swamp Mahogany	9	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
815	Eucalyptus robusta | Swamp Mahogany	8	3	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
816	Eucalyptus robusta | Swamp Mahogany	10	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
817	Eucalyptus robusta | Swamp Mahogany	10	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
818	Eucalyptus robusta | Swamp Mahogany	9	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
819	Eucalyptus robusta | Swamp Mahogany	10	5	300	350	3600	2129	Good	Fair		Low	Medium	Low	NA	0%	Retain
820	Eucalyptus robusta | Swamp Mahogany	12	8	450	500	5400	2474	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
821	Eucalyptus robusta | Swamp Mahogany	16	12	580	620	6960	2707	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
822	Corymbia maculata | Spotted Gum	20	8	430	480	5160	2431	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
823	Corymbia maculata | Spotted Gum	20	11	500	580	6000	2633	Good	Good		High	Medium	High	NA	0%	Retain
824	Corymbia maculata | Spotted Gum	17	8	400	475	4800	2421	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
825	Corymbia maculata | Spotted Gum	20	9	400	475	4800	2421	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
826	Corymbia maculata | Spotted Gum	20	9	400	475	4800	2421	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
827	Corymbia maculata | Spotted Gum	22	12	600	660	7200	2779	Good	Good		High	Medium	High	NA	0%	Retain
828	Corymbia maculata | Spotted Gum	20	10	475	500	5700	2474	Good	Good		High	Medium	High	NA	0%	Retain
829	Corymbia maculata | Spotted Gum	18	10	475	500	5700	2474	Fair	Fair		Medium	Medium	Medium	NA	0%	Retain
830	Corymbia maculata | Spotted Gum	17	9	450	480	5400	2431	Fair	Good		Medium	Medium	Medium	NA	0%	Retain
831	Corymbia maculata | Spotted Gum	20	9	690	780	8280	2981	Fair	Good		High	Medium	High	NA	0%	Retain
832	Corymbia maculata | Spotted Gum	18	8	450	520	5400	2515	Good	Good		Medium	Medium	Medium	NA	0%	Retain
833	Corymbia maculata | Spotted Gum	20	12	680	680	8160	2814	Fair	Fair		High	Medium	High	NA	0%	Retain
834	Angophora costata | Smooth-barked Apple Myrtle (x3)	5	3	275	300	3300	1996	Good	Good		Low	Medium	Low	NA	0%	Retain
835	Corymbia maculata | Spotted Gum	17	9	425	460	5100	2388	Good	Good		Medium	Medium	Medium	NA	0%	Retain
836	Corymbia maculata | Spotted Gum	17	9	425	460	5100	2388	Good	Good		Medium	Medium	Medium	NA	0%	Retain
837	Corymbia maculata | Spotted Gum	17	9	425	460	5100	2388	Good	Good		Medium	Medium	Medium	Fill Minor	10.8%	Retain
838	Eucalyptus sp. | Eucalypt (x2)	4	3	250	300	3000	1996	Fair	Fair		Low	Medium	Low	Fill Minor	5.1%	Retain
839	Corymbia citriodora | Lemon-scented Gum	10	7	330	370	3960	2180	Good	Good		Medium	Medium	Medium	Fill Minor	4.2%	Retain
840	Corymbia citriodora | Lemon-scented Gum	10	7	330	370	3960	2180	Good	Good		Medium	Medium	Medium	Fill Minor	7.4%	Retain
841	Corymbia maculata | Spotted Gum	14	8	350	375	4200	2192	Fair	Good		Medium	Medium	Medium	Fill Minor	5.3%	Retain

Tree No.	Species	Height (m)	Canopy Spread (Dia. In m)	DBH (mm)	DAB (mm)	TPZ (Radial in mm)	SRZ (Radial in mm)	Health	Structure	Tree Notes	Landscape	ELE	Retention Value	Primary Impact(s)	TPZ Encroachment	Retain / Remove
842	Corymbia maculata | Spotted Gum	17	9	475	520	5700	2515	Good	Good		Medium	Medium	Medium	Fill Minor	12.0%	Retain
843	Corymbia maculata | Spotted Gum	17	9	400	430	4800	2322	Good	Good		Medium	Medium	Medium	Fill Minor	7.1%	Retain
844	Corymbia maculata | Spotted Gum	18	9	460	500	5520	2474	Fair	Good		Medium	Medium	Medium	Fill Minor	14.0%	Retain
845	Phoenix canariensis | Canary Island Date Palm	6	5	460	500	3500	0	Poor	Poor	Suspected Fusarium Wilt	Low	Short	Low	Cut & Parking	100%	Remove

Table 5 - Tree Schedule

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16 Appendix 4: Tree mapping

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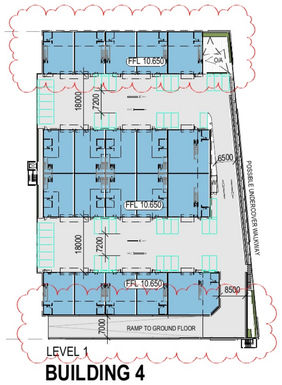

NOTES

ALL NEW CROSSOVERS IN ACCORDANCE WITH LOCAL COUNCIL REQUIREMENTS

ALL DISABLED PARKING SPACES IN ACCORDANCE WITH AUSTRALIAN STANDARD AS2890
(5.4m x 2.4m)

SITE STORMWATER DRAINAGE IN ACCORDANCE WITH LOCAL AUTHORITY & COUNCIL REQUIREMENTS

ALL RELATIVE LEVELS ARE SHOWN TO A.H.D. (Australian Height Datum) LEVELS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO FURTHER CIVIL DETAIL DESIGN. THESE MIGHT VARY +/- 1000 mm

EXTENT OF RETAINING WALLS SHOWN AS INDICATIVE ONLY SUBJECT TO CIVIL REVIEW

GROSS LETTABLE AREA (GLA) IS THE TOTAL FLOOR AREA OF A BUILDING, MEASURED FROM THE OUTSIDE OF EXTERNAL WALLS OR THE CENTRE OF PARTY WALLS AND INCLUDES ALL ROOFED AREAS

5% OF CARPARKING SPACES PROVIDED TO BE DEDICATED AS CAR SHARING BAYS
5% OF CARPARKING SPACES PROVIDED TO BE DEDICATED AS ELECTRICAL VEHICLE BAYS

DEVELOPMENT ANALYSIS

USE		GFA (EXCLUDING LOADING ZONE)
BUILDING 3		
WAREHOUSE	3A	649 m²
WAREHOUSE	3B	676 m²
WAREHOUSE	3C	677 m²
WAREHOUSE	3D	677 m²
WAREHOUSE	3E	698 m²
WAREHOUSE	3F	763 m²
OFFICE	3A	126 m²
OFFICE	3B	127 m²
OFFICE	3C	127 m²
OFFICE	3D	127 m²
OFFICE	3E	127 m²
OFFICE	3F	126 m²
TOTAL AREA		4,900 m²
BUILDING 4		
WAREHOUSE	GROUND LEVEL	4,249 m²
WAREHOUSE	LEVEL 1	2,972 m²
OFFICE MEZZANINE	GROUND LEVEL	884 m²
OFFICE MEZZANINE	LEVEL 1	937 m²
TOTAL AREA		9,042 m²
BUILDING 5 BLOCK 1		
WAREHOUSE	5A	1,071 m²
WAREHOUSE	5B	3,048 m²
WAREHOUSE	5C	2,164 m²
OFFICE	5A	333 m²
OFFICE	5B	431 m²
OFFICE	5C	403 m²
TOTAL AREA		7,450 m²
BUILDING 5 BLOCK 2		
WAREHOUSE	5D	2,732 m²
WAREHOUSE	5E	2,023 m²
OFFICE	5D	424 m²
OFFICE	5E	391 m²
TOTAL AREA		5,570 m²
BUILDING 5 COMMERCIAL		
CAFE		112 m²
CHILDCARE		648 m²
CHILDCARE OUTDOOR		571 m²
COMMERCIAL		554 m²
TOTAL AREA		1,885 m²
BUILDING 6		
WAREHOUSE	6A	892 m²
WAREHOUSE	6B	1,688 m²
OFFICE	6A	154 m²
OFFICE	6B	181 m²
ESTATE MANAGER OFFICE		27 m²
TOTAL AREA		2,942 m²
BUILDING 7		
WAREHOUSE	7A	698 m²
WAREHOUSE	7B	647 m²
WAREHOUSE	7C	644 m²
WAREHOUSE	7D	696 m²
WAREHOUSE	7E	647 m²
WAREHOUSE	7F	644 m²
OFFICE	7A	117 m²
OFFICE	7B	118 m²
OFFICE	7C	117 m²
OFFICE	7D	110 m²
OFFICE	7E	118 m²
OFFICE	7F	117 m²
TOTAL AREA		4,673 m²
BUILDING 8		
WAREHOUSE	8A	744 m²
WAREHOUSE	8B	633 m²
OFFICE	8A	139 m²
OFFICE	8B	130 m²
TOTAL AREA		1,646 m²
GRAND TOTAL GFA		38,108 m²

SITE COVERAGE	
TOTAL SITE AREA	123,898 m²
BUILDING 3 - 8 FOOTPRINT	32,206 m²
BUILDING 1 & 2 FOOTPRINT APPROX.	27,878 m²
SITE COVERAGE APPROX.	48.49%
LANDSCAPING	13.25%

LEGEND

- ESTATE BOUNDARY
- FORESHORE LINE BOUNDARY
- TRANSMISSION EASEMENT
- LANDSCAPE SETBACK
- BUILDING SETBACK
- COUNCIL LAND DEDICATION
- 2.5 m BICYCLE & PEDESTRIAN SHARED PATH
- PEDESTRIAN CONCRETE FOOTPATH
- MAINTENANCE ACCESS TRACK & PEDESTRIAN PATH
- BIORETENTION BASIN / RAIN GARDEN
- EXISTING TREE PROTECTION ZONE
- PROPOSED TREE
- PYLON SIGN
- RW RETAINING WALL
- OA OUTDOOR AREA
- RWT RAIN WATER TANK
- W WASTE AREA
- MSB MAIN SWITCH BOARD
- PL PARCEL LOCKERS
- BG BOOM GATE
- RPC RAISED PEDESTRAIN CROSSING
- DP DELIVERY PARKING BAY
- SP SHARED PARKING BAY (5%)
- EV ELECTRICAL VEHICLE BAY (5%)
- EMO ESTATE MANAGER OFFICE

PARKING PROVISION

PARKING ALLOCATION SHOWN AS INDICATIVE ONLY

		CARS	BICYCLES
Building 1A		51	-
Building 1B		81	-
Building 1C		12	-
Building 1D		35	-
Building 1E		10	-
Building 2		12	-
Building 3		19	12
Building 4		131	64
Building 5	Block 1	48	12
Building 5	Block 2	19	8
Building 5	Childcare	17	4
Building 5	Commercial	15	8
Building 6		28	8
Building 7		62	12
Building 8		22	4
TOTAL		562	132

MOTORBIKES 20

No.	DATE:	REVISION:	BY:	CHK:
P17	15.08.2024	BUILDING 4 & 6 UPDATE	AS	JF
P18	03.09.2024	BUILDING 3 UPDATE	AS	JF
P19	16.09.2024	BUILDING 4 & 6 UPDATE	AS	JF
P20	24.09.2024	BUILDING 4 & 6, LANDSCAPE UPDATE	AS	JF
D	18.10.2024	FOR LODGEMENT	AS	JF

PROJECT:
CARINGBAH MASTERPLAN
13 ENDEAVOUR ROAD, CARINGBAH NSW 2229

TITLE:
ESTATE MASTERPLAN

TRUE NORTH

CLIENT: Aliro

DATE: SEPTEMBER, 2023
DRAWN BY: AS
SCALE: 1:1000 @ A1
SCALE: 1:2000 @ A3

JOB NO: 21366
DRAWING NO: 005
REVISION: D

watson young

CANOPY COVER PLAN: URBAN HEAT ISLAND EFFECT MITIGATION
DEVELOPMENT APPLICATION COMPONENT

KEY

- SITE BOUNDARY
- EXISTING OVERHEAD POWER CABLE EASEMENT
- RETAINED TREE CANOPY
- REMOVED TREE CANOPY
- PROPOSED TREE CANOPY

DEVELOPMENT SITE AREA (SQM)

	ISSUE A (TOTAL SITE AREA)	ISSUE O (TOTAL SITE AREA)
SITE AREA	*123.898.13*	*123,898*
TOTAL PROPOSED TREE NO.	*337*	*387*
TOTAL PROPOSED CANOPY COVER	*8,463*	*9,539*
TOTAL RETAINED CANOPY COVER	*20,467.22*	*20,903.12*
CANOPY COVER	*28,930.22*	*30,442.12*
TOTAL REMOVED CANOPY COVER	*21,190.23*	*21,190.23*
TOTAL CANOPY PERCENTAGE	**23.35%**	**24.57%**
LANDSCAPE AREA SQM (W/ DECO GRANITE)	*15,877.95*	*16,664.99*
TOTAL LANDSCAPE PERCENTAGE	**12.81%**	**13.45%**
EXISTING SITE CANOPY COVER *(RETAINED + REMOVED CANOPY COVER)*	***41,657.45***	***42,093.35***
PROPOSED CANOPY COVER *(PROPOSED + RETAINED CANOPY COVER)*	***28,930.22***	***30,442.12***

TREE CANOPY COVER

TREE CANOPY	CANOPY AREA (m²)	ISSUE A (TOTAL SITE AREA)		ISSUE O (TOTAL SITE AREA))	
		TREE NO.	TOTAL CANOPY COVER (m²)	TREE NO.	TOTAL CANOPY COVER (m²)
3m	7	115	805	119	833
5m	20	65	1300	93	1860
6m	30				
8m	50				
10m	78				

Green Tree Consultancy Legend

Tree
- High Retention Value
- Medium Retention Value
- Low Retention Value
- Very Low Retention Value

PROJECT	DRAWING TITLE	PROJECT NO.	PURPOSE	SCALE	REVISION	DATE	DRAWN	CHECKED	PAGE	CLIENT
TRIPLETWONINE 13 ENDEAVOUR RD, CARINGBAH NSW 2229	CANOPY COVER PLAN: URBAN HEAT ISLAND EFFECT MITIGATION (DEVELOPMENT	H8-22053	FOR COORDINATION	1:2000@A3	O	18.10.2024	KM/DG/ DF/GP	DV	L10	Aliro

0 20 40 60 80 100m

SCALE 1:2000 AT A3

HABIT8
Landscape Architecture & Urbanism
SYDNEY (Gadigal country) BYRON BAY (Bundjalung country)
MELBOURNE (Wurundjeri country) SE QUEENSLAND (Yugambeh country)
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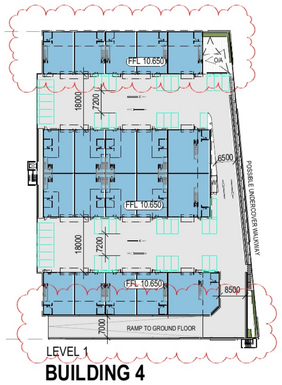


NOTES

ALL NEW CROSSOVERS IN ACCORDANCE WITH LOCAL COUNCIL REQUIREMENTS

ALL DISABLED PARKING SPACES IN ACCORDANCE WITH AUSTRALIAN STANDARD AS2890
(5.4m x 2.4m)

SITE STORMWATER DRAINAGE IN ACCORDANCE WITH LOCAL AUTHORITY & COUNCIL REQUIREMENTS

ALL RELATIVE LEVELS ARE SHOWN TO A.H.D. (Australian Height Datum) LEVELS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO FURTHER CIVIL DETAIL DESIGN. THESE MIGHT VARY +/- 1000 mm

EXTENT OF RETAINING WALLS SHOWN AS INDICATIVE ONLY SUBJECT TO CIVIL REVIEW

GROSS LETTABLE AREA (GLA) IS THE TOTAL FLOOR AREA OF A BUILDING, MEASURED FROM THE OUTSIDE OF EXTERNAL WALLS OR THE CENTRE OF PARTY WALLS AND INCLUDES ALL ROOFED AREAS

5% OF CARPARKING SPACES PROVIDED TO BE DEDICATED AS CAR SHARING BAYS
5% OF CARPARKING SPACES PROVIDED TO BE DEDICATED AS ELECTRICAL VEHICLE BAYS

DEVELOPMENT ANALYSIS

USE		GFA (EXCLUDING COMMON AREAS)
BUILDING 3		
WAREHOUSE	3A	649 m²
WAREHOUSE	3B	676 m²
WAREHOUSE	3C	677 m²
WAREHOUSE	3D	677 m²
WAREHOUSE	3E	698 m²
WAREHOUSE	3F	763 m²
OFFICE	3A	126 m²
OFFICE	3B	127 m²
OFFICE	3C	127 m²
OFFICE	3D	127 m²
OFFICE	3E	127 m²
OFFICE	3F	126 m²
TOTAL AREA		4,900 m²
BUILDING 4		
WAREHOUSE	GROUND LEVEL	4,249 m²
WAREHOUSE	LEVEL 1	2,972 m²
OFFICE MEZZANINE	GROUND LEVEL	884 m²
OFFICE MEZZANINE	LEVEL 1	937 m²
TOTAL AREA		9,042 m²
BUILDING 5 BLOCK 1		
WAREHOUSE	5A	1,071 m²
WAREHOUSE	5B	3,048 m²
WAREHOUSE	5C	2,164 m²
OFFICE	5A	333 m²
OFFICE	5B	431 m²
OFFICE	5C	403 m²
TOTAL AREA		7,450 m²
BUILDING 5 BLOCK 2		
WAREHOUSE	5D	2,732 m²
WAREHOUSE	5E	2,023 m²
OFFICE	5D	424 m²
OFFICE	5E	391 m²
TOTAL AREA		5,570 m²
BUILDING 5 COMMERCIAL		
CAFE		112 m²
CHILDCARE		648 m²
CHILDCARE OUTDOOR		571 m²
COMMERCIAL		554 m²
TOTAL AREA		1,885 m²
BUILDING 6		
WAREHOUSE	6A	892 m²
WAREHOUSE	6B	1,688 m²
OFFICE	6A	154 m²
OFFICE	6B	181 m²
ESTATE MANAGER OFFICE		27 m²
TOTAL AREA		2,942 m²
BUILDING 7		
WAREHOUSE	7A	698 m²
WAREHOUSE	7B	647 m²
WAREHOUSE	7C	644 m²
WAREHOUSE	7D	696 m²
WAREHOUSE	7E	647 m²
WAREHOUSE	7F	644 m²
OFFICE	7A	117 m²
OFFICE	7B	118 m²
OFFICE	7C	117 m²
OFFICE	7D	110 m²
OFFICE	7E	118 m²
OFFICE	7F	117 m²
TOTAL AREA		4,673 m²
BUILDING 8		
WAREHOUSE	8A	744 m²
WAREHOUSE	8B	633 m²
OFFICE	8A	139 m²
OFFICE	8B	130 m²
TOTAL AREA		1,646 m²
GRAND TOTAL GFA		38,108 m²

SITE COVERAGE	
TOTAL SITE AREA	123,898 m²
BUILDING 3 - 8 FOOTPRINT	32,206 m²
BUILDING 1 & 2 FOOTPRINT APPROX.	27,878 m²
SITE COVERAGE APPROX.	48.49%
LANDSCAPING	13.25%

LEGEND

- ESTATE BOUNDARY
- FORESHORE LINE BOUNDARY
- TRANSMISSION EASEMENT
- LANDSCAPE SETBACK
- BUILDING SETBACK
- COUNCIL LAND DEDICATION
- 2.5 m BICYCLE & PEDESTRIAN SHARED PATH
- PEDESTRIAN CONCRETE FOOTPATH
- MAINTENANCE ACCESS TRACK & PEDESTRIAN PATH
- BIORETENTION BASIN / RAIN GARDEN
- EXISTING TREE PROTECTION ZONE
- PROPOSED TREE
- PYLON SIGN

RW	RETAINING WALL
OA	OUTDOOR AREA
RWT	RAIN WATER TANK
W	WASTE AREA
MSB	MAIN SWITCH BOARD
PL	PARCEL LOCKERS
BG	BOOM GATE
RPC	RAISED PEDESTRAIN CROSSING
DP	DELIVERY PARKING BAY
SP	SHARED PARKING BAY (5%)
EV	ELECTRICAL VEHICLE BAY (5%)
EMO	ESTATE MANAGER OFFICE

PARKING PROVISION

PARKING ALLOCATION SHOWN AS INDICATIVE ONLY

		CARS	BICYCLES
Building 1A		51	-
Building 1B		81	-
Building 1C		12	-
Building 1D		35	-
Building 1E		10	-
Building 2		12	-
Building 3		19	12
Building 4		131	64
Building 5	Block 1	48	12
Building 5	Block 2	19	8
Building 5	Childcare	17	4
Building 5	Commercial	15	8
Building 6		28	8
Building 7		62	12
Building 8		22	4
TOTAL		562	132

MOTORBIKES 20

No.	DATE:	REVISION:	BY:	CHK:
P17	15.08.2024	BUILDING 4 & 6 UPDATE	AS	JF
P18	03.09.2024	BUILDING 3 UPDATE	AS	JF
P19	16.09.2024	BUILDING 4 & 6 UPDATE	AS	JF
P20	24.09.2024	BUILDING 4 & 6, LANDSCAPE UPDATE	AS	JF
D	18.10.2024	FOR LODGEMENT	AS	JF

Watson Young Architects P/L Melbourne | Perth | Sydney 03 9516 8555 ACN: 111398700
8 Grattan Street Prahran VIC 3181 | e: info@watsonyoung.com.au | w: watsonyoung.com.au

PROJECT:
CARINGBAH MASTERPLAN
13 ENDEAVOUR ROAD, CARINGBAH NSW 2229

TITLE:
ESTATE MASTERPLAN

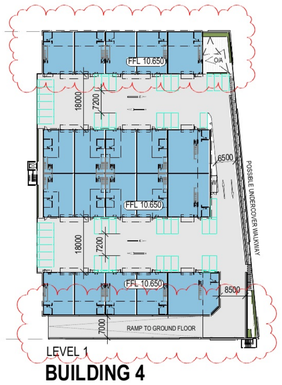
TRUE NORTH

CLIENT: Aliro

DATE: SEPTEMBER, 2023
DRAWN BY: AS
SCALE: 1:1000 @ A1
SCALE: 1:2000 @ A3

JOB NO: 21366
DRAWING NO: 005
REVISION: D

watson young



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- PROPOSED TREE
- PYLON SIGN
- RW RETAINING WALL
- OA OUTDOOR AREA
- RWT RAIN WATER TANK
- W WASTE AREA
- MSB MAIN SWITCH BOARD
- PL PARCEL LOCKERS
- BG BOOM GATE
- RPC RAISED PEDESTRAIN CROSSING
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