Tree Impact Assessment Report – Southwest Metro Corridor, Bankstown & Additional Corridor Works

SMCSWSSJ-JHL-WEC-EM-REP-000015

Document and Revision History

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1. Introduction

1.1 Purpose

This report has been produced to assess impacts to vegetation and detail the species and number of trees that will be removed as part of the Southwest Metro Corridor Works (SMC) and Bankstown and Additional Corridor Works (BAC).

The report has been written in accordance with the requirements of the *Sydney Metro City & Southwest - Sydenham to Bankstown Interim Tree Management Strategy* and *Sydney Metro City & Southwest - Sydenham to Bankstown - Instrument of Approval*, Condition of Approval E5.

1.2 Project Overview and Location

Sydney Metro City & Southwest is a new 30km metro line extending metro rail from the end of Sydney Metro Northwest at Chatswood under Sydney Harbour, through new CBD stations and southwest to Bankstown. It is due to open in 2024 with the capacity to run a metro train every two minutes each way through the centre of Sydney. The Sydney Metro City & Southwest comprises of two components;

- Chatswood to Sydenham Project
- Sydenham to Bankstown upgrade, now known as Southwest Metro

The Southwest Metro Corridor and Bankstown and Additional Corridor Works, referred to as “the Project” or ‘the works” in this document, will be undertaken in accordance with the *Sydney Metro City & Southwest Sydenham to Bankstown Upgrade Instrument of Approval* (SSI_8256). The SMC & BAC Project site is located on the T3 Bankstown line between Sydenham and Bankstown stations, NSW. Works will predominately occur within the rail corridor, with limited activities occurring within station precincts. Southwest Metro Station Upgrade Packages will be undertaken by others.

SMC & BAC is expected to be finished in 2024.

The works will be undertaken by a John Holland Group Pty Limited (John Holland) and Laing O’Rourke Construction Pty Limited (Laing O’Rourke) joint venture referred to as JHLOR.

The SMC & BAC scope of works include all permanent new infrastructure and modifications to existing infrastructure, as part of the construction of Sydenham to Bankstown station upgrade works. The permanent new infrastructure and modifications to existing infrastructure to be constructed include;

- Installation and commissioning of Combined Service Route (GST, GLT, pit & pipe)
- Signalling, communications and HV diversions
- Rail embankment stabilisation including retaining walls
- Installation of drainage
- Installation of security and segregation fencing
- Civil enabling works for traction substations
- Vegetation clearing
- Access road upgrades/establishment
- Utility diversions
- Bridge remedial works, including installation of crash barriers and throw screens
- Modifications to the existing rail track (including crossovers, diamond crossings, hi rail ramps, buffer stops, hi-rail access pads and earthworks),
- Overhead wire works (including structure and footings installation/removal)

- Demolition of redundant infrastructure
- Bankstown Services Building works inclusive of
    - piling, Form Reo Pour
    - Form Reo Pour for ground slab and first floor slab
    - erection of structural steel frame,
    - installation of precast walls,
    - internal fit out of building inclusive of LV reticulation, HVAC systems, Hydraulic services, fire suppressant services and architectural finishings
    - external finishing inclusive of masonry brickwork and architectural cladding
    - installation of containment and building service
- Southern (down) platform
    - piling,
    - FRP ground beams and slab
    - installation of structural steel sub frame,
    - FRP platform decks, and cast in-situ capping slab
    - installation of modular platform canopies
    - installation of all containment and building service
    - complete platform architectural and civil finishes
- Bankstown Northern (up) platform inclusive of
    - Bulk out excavation for piling platform
    - Installation of DGB for piling platform
    - Piling
    - FRP ground beams and slab
    - Installation of structural steel sub frame
    - installation of precast platform decks and cast in-situ capping slab
    - installation of modular platform canopies
    - installation of all containment and building service
    - complete platform and civil finishes to facilitate PSD installation
- ~~Installation of new track slabs across the following 8 Sydney Metro stations:~~
    - ~~Marrickville, Dulwich Hill, Hurlstone Park, Canterbury, Campsie, Belmore, Lakemba and Punchbowl~~
- ~~Demolition of redundant infrastructure including~~
    - ~~Existing Sydney Trains Bankstown platform (partial)~~
    - ~~Existing heritage parcel office building on South Terrace~~
    - ~~Existing toilet block on North Terrace~~
- ~~Construction of new Sydney Trains and Sydney Metro station entrances at Bankstown Station inclusive of:~~
    - ~~Piled foundations~~
    - ~~Form Reo Pour for ground slab and first floor slab~~
    - ~~erection of structural steel frame,~~
    - ~~installation of precast walls,~~
    - ~~Fit out of building services inclusive of LV reticulation, HVAC systems, Hydraulic services, fire suppressant services, security, lighting and architectural finishings~~
    - ~~external finishings inclusive of masonry brickwork, architectural cladding, roofing and glazing.~~
    - ~~Paving, installation of platform furniture, fixings and gatelines.~~
    - ~~Internal fitout of station buildings including bathrooms, offices, retail spaces and equipment rooms including modification to existing Bankstown Station rooms.~~
- ~~Bankstown Northern (Up) Sydney Metro platform construction inclusive of~~
    - ~~piling,~~
    - ~~FRP ground beams and slab~~
    - ~~installation of structural steel sub frame,~~

  - ~~installation of precast platform decks and cast in-situ capping slab~~
  - ~~installation of modular platform canopies~~
  - ~~fitout of services inclusive of LV reticulation, hydraulic services, fire suppressant services, security services.~~
  - ~~Architectural fitouts including roofing, cladding and glazed panels.~~
  - ~~Platform paving, installation of platform furniture, fixings, fencing.~~
- ~~Existing Sydney Trains platform extension works at Bankstown Station inclusive of~~
  - ~~Foundation preparation~~
  - ~~Precast culvert and edge beam installation~~
  - ~~Drainage and services installation~~
  - ~~Insitu concrete topping slabs~~
  - ~~Platform regrading and asphalt resurfacing~~
  - ~~Relocation of station fixings and furniture~~
  - ~~Relocation of existing Chapel St bridge pier (including piling, FRP pilecap and structural steel supports)~~
- ~~Construction of a new cross-corridor plaza and surrounding urban landscaping at Bankstown Station including~~
  - ~~Earthworks~~
  - ~~Installation of drainage and CSR services~~
  - ~~Paving, footpaths, timber decking~~
  - ~~Modification to existing kerb lines, DDA and kiss & ride parking~~
  - ~~Landscaping including trees and planting~~
  - ~~Installation of furniture, fixings, wayfinding and signage.~~
- ULX rectification, Station bracket installation and secondary containment at the following stations:
  - Marrickville Station
  - Dulwich Hill Station
  - Hurlstone Park Station
  - Canterbury Station
  - Belmore Station
  - Lakemba Station
  - Wiley Park Station
  - Campsie Station
  - Punchbowl Station
- Station refresh and deep clean of all stations along the alignment during the Final Conversion period.

The SMC & BAC temporary scope of works include:

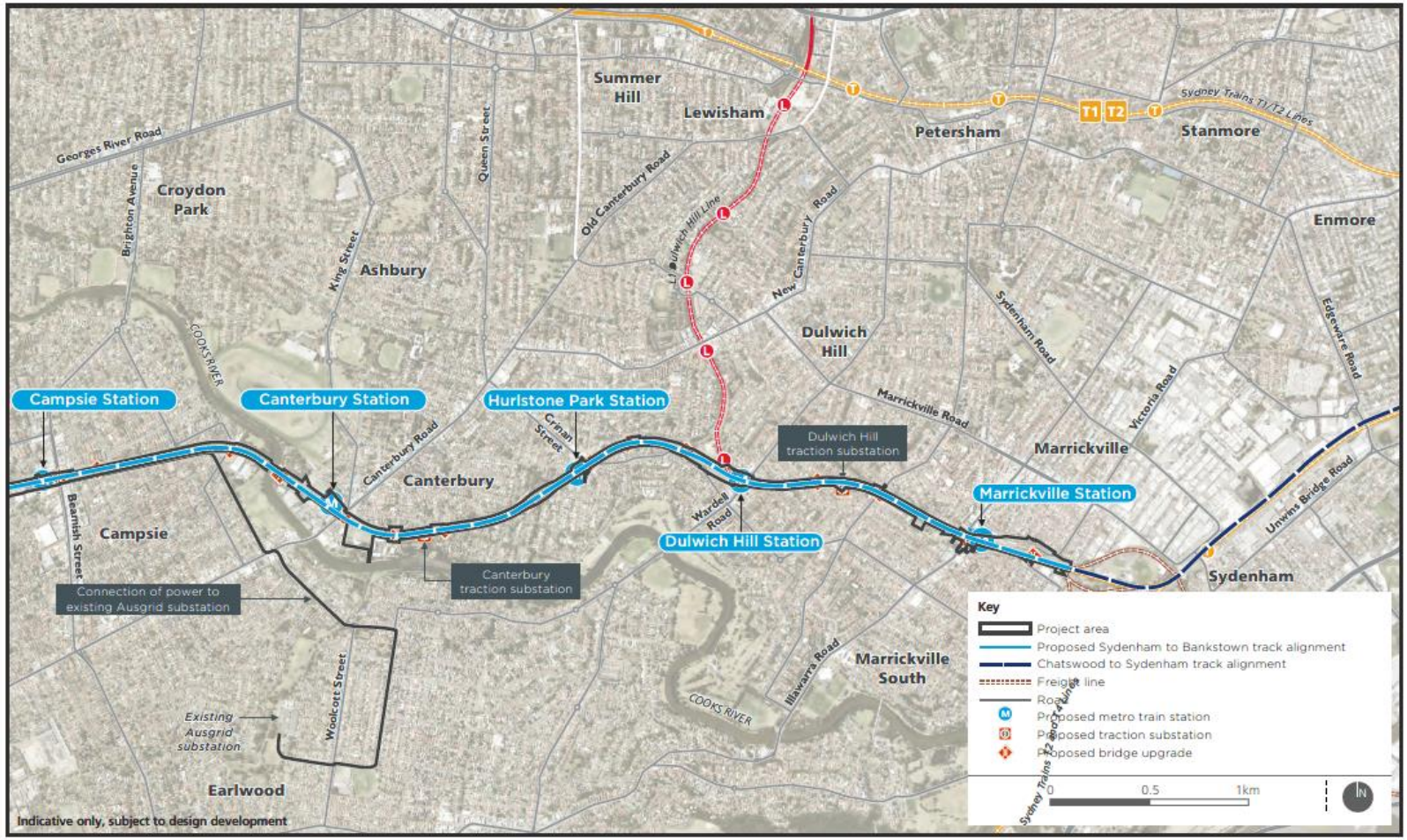
- Temporary arrangements to divert and control pedestrians, public transport users, cyclists, public transport and traffic and to provide public access, amenity, security and safety during all stages of design and construction of the Works;
- Temporary arrangements for people and vehicles to safely access all property, including publicly accessible space affected by the Contractor's Activities;
- Temporary arrangements for people and vehicles to safely access the Site;
- Temporary access stairs, walkways and platforms within the Site;
- Temporary construction hoardings, fencing, noise walls, access gates, barriers and signage on and around the Site;
- All environmental safeguards and measures necessary to mitigate environmental effects which may arise during the design and construction of the Works;
- Cleaning, maintenance, repair, replacement and reinstatement, as required, of all areas occupied by the Contractor during design and construction of the Works;
- Temporary site facilities/compounds required for design and construction of the Works (i.e. Canterbury Bowls Club);
- Temporary infrastructure, safety screens and ground support installed or erected to undertake design and construction of the Works;

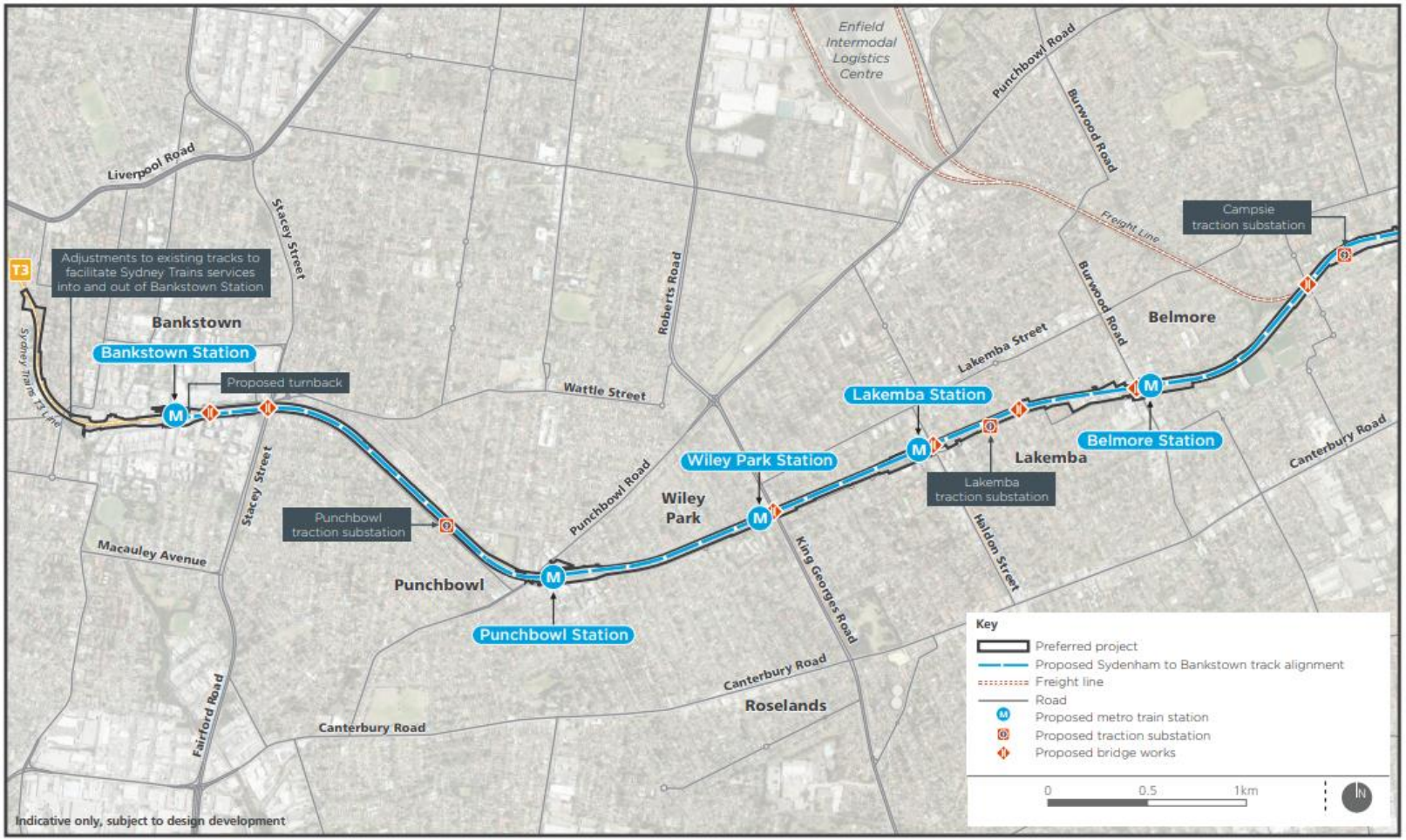
- Temporary arrangements for Utility Services including water, electricity, stormwater, sewerage, gas and electronic communications;
- Temporary power for stations
- Temporary works and measures required as a consequence of requirements arising from the stakeholder and community liaison process;
- Investigation works including services searching and geotechnical investigations in the vicinity of Bankstown Station for BEW along the full alignment from Sydenham to Bankstown; and
- All other temporary works and measures required for the construction of the Works.

Geotechnical and intrusive service searching (including contamination testing) investigation works ~~in the vicinity of Bankstown Station~~ along the full alignment from Marrickville to Bankstown

The SMC & BAC site is shown in Figure 1.

Figure 1 Site Layout




Enfield Intermodal Logistics Centre
Punchbowl Road
Burwood Road
Liverpool Road
Stacey Street
Roberts Road
Freight Line
Campsie traction substation
Adjustments to existing tracks to facilitate Sydney Trains services into and out of Bankstown Station
T3
Sydney Trains T3 Line
Bankstown
Bankstown Station
Proposed turnback
Wattle Street
Lakemba Street
Belmore
Lakemba Station
Belmore Station
Lakemba
Lakemba traction substation
Canterbury Road
Wiley Park Station
Wiley Park
Punchbowl traction substation
Punchbowl Road
Macauley Avenue
Punchbowl
Punchbowl Station
King Georges Road
Haldon Street
Fairford Road
Canterbury Road
Roselands
Canterbury Road
Key
Preferred project
Proposed Sydenham to Bankstown track alignment
Freight line
Road
Proposed metro train station
Proposed traction substation
Proposed bridge works
0
0.5
1km
N
Indicative only, subject to design development

1.3 Background

In accordance with the *Sydney Metro City & Southwest Sydenham to Bankstown Instrument of Approval* a tree is defined as "*Long lived woody perennial plant greater than (or usually greater than) 3 m in height with one or relatively few main stems or trunks*".

Condition of Approval E5 states "*The Proponent must commission an independent experienced and suitably qualified arborist, to prepare a comprehensive Tree Report(s) before removing any trees as detailed in the documents listed in Condition A1. The Tree Report may be prepared for the entire CSSI or separate reports may be prepared for individual areas where trees are required to be removed. The report(s) must identify the impacts of the CSSI on trees and vegetation within and adjacent to the Construction footprint. The report(s) must include:*

a) a description of the conditions of the tree(s) and its amenity and visual value;
b) consideration of all options to avoid tree removal, including relocation of services, redesign or relocation of ancillary components (such as substations, fencing etc.) and reduction of standard offsets to underground services; and
c) measures to avoid the removal of trees or minimise damage to existing trees and ensure the health and stability of those trees to be protected. This includes details of any proposed canopy or root pruning, root protection zone, excavation, site controls on waste disposal, vehicular access, storage of materials and protection of public utilities.

A copy of the report(s) must be submitted to the Planning Secretary before the removal or pruning of any trees, including those affected by site establishment Work. All recommendations of the report must be implemented by the Proponent, unless otherwise agreed by the Planning Secretary."

The ecological potential of the project site has been assessed under the Sydney Metro City & Southwest Sydenham to Bankstown Environmental Impact Statement (EIS). Section 22.2 of the EIS states "*The majority of the study area has been heavily modified by past and ongoing disturbances associated with urban development and the active rail corridor. Urban development, clearance, and ongoing maintenance of the rail corridor has resulted in fragmentation, a high level of disturbance, and degradation of vegetation communities.*

The majority of vegetation in the project area and surrounding study area comprises exotic or planted native species on highly modified landforms. There are small isolated patches of remnant or regrowth native vegetation in small portions of the study area associated with rail cuttings with less disturbed soil profiles.

Native vegetation and habitat within the project area is in medium to poor condition, and features impacts from existing maintenance activities, edge effects, weed infestation, and exotic pests."

The EIS also states "*There is relatively low native species richness within the study area, which confirms that the native vegetation has been extensively modified and is in moderate to poor condition.*

A total of 129 flora species from 40 families were recorded within the study area, comprising 63 native and 66 exotic species. Poaceae (grasses, 22 species, 11 native), Myrtaceae (flowering shrubs and trees, 20 species, 13 native), Fabaceae (23 species, 17 native), and Asteraceae (flowering herbs, 11 species, 2 native) were the most diverse families recorded. One threatened flora species (Downy Wattle) was recorded in the study area, outside the project area."

In regards to plant communities Section 22.2 of the EIS states "*two of the native plant communities identified conform to the following threatened ecological communities listed under the TSC Act:*

- *Sydney Turpentine Ironbark Forest in the Sydney Basin Bioregion (Sydney Turpentine Ironbark Forest)*

- *Shale Gravel Transition Forest in the Sydney Basin Bioregion (Shale Gravel Transition Forest).*

No threatened ecological communities listed under the EPBC Act are located in the study area."

It is noted that one threatened plant species was recorded in the vicinity of the EIS study area, however the species does not reside within the Project area. Downy Wattle (*Acacia pubescens*) was recorded near Punchbowl Station. The Downy Wattle will not be removed as part of these works and will be protected. The EIS states "*No listed threatened flora species were recorded in the project area. One threatened plant species Downy Wattle (Acacia pubescens) listed as vulnerable under the EPBC Act and TSC Act, was recorded in the study area. Around 650 stems are located near the project area as shown in Figure 22.1.*

The patches of stems recorded are located mainly in the vicinity of Punchbowl Station, with around two stems recorded in the rail corridor, and one stem in a Council reserve around 100 metres east of the Yagoona substation. The project has been designed to avoid impacting on the recorded locations of this species."

The *Sydney Metro City & Southwest Sydenham to Bankstown Upgrade – Submissions and Preferred Project Report* (SPIR) states "*It is expected that large areas of the planted native vegetation and exotic scrub and forest would not require removal for the corridor works, however this is subject to the detailed design of the proposed works, including fencing and the communications services route.*

This vegetation would potentially include trees that provide screening along the corridor for surrounding properties. The need to clear vegetation would be reviewed by the construction contractor/s and minimised wherever practicable."

The SPIR also states "*about 16.3 hectares of vegetation (not including vegetation classed as exotic grassland) may need to be removed, including*:

- *up to 7.3 hectares of planted native vegetation*
- *up to nine hectares of exotic scrub and forest*."

The SPIR does not specify where these areas of clearing are located as this was to be developed as part of detailed design. Furthermore, these areas represent the clearing to occur for both corridor and station precinct works from Sydenham to Bankstown under all work packages (refer to the *Sydney Metro City & Southwest Sydenham to Bankstown Upgrade Staging Report* for more information on the different packages under which the project has been staged). As such, minimisation of impacts is driven through the design and construction methodology. Refer to Section 4 for more information on minimisation of impacts through design and construction methodology. Refer to Section 5 for Mitigation Measures.

For the purpose of producing this report, the Arboricultural reports that form the appendices of this document have been divided on the following basis;

- Appendix A (Part A) – Design Related Arboricultural Report
- Appendix A (Part B) – Design Related Arboricultural Report for DPK 532 (Security Fence in Bankstown area)
- Appendix B – Construction Impacts Arboricultural Report (Part A – Marrickville to Wiley Park)
- Appendix B – Construction Impacts Arboricultural Report (Part B – Wiley Park to Bankstown)
- Appendix C – Bankstown Area Design Impact Arboricultural Report
- Appendix D – Bankstown Additional Corridor Works - Arboricultural Report - Construction Impacts

It is noted however that there may be some design and constructability impacts captured within all of the Arboricultural reports, particularly where temporary design and changes relating to Contract variations occur.

It is also noted that as the Construction and Design Arboricultural reports have assessed tree impacts independently on the basis of the scope of each report. Where there is a difference in outcome for a tree between the reports it should be assumed that the most impactful outcome will occur. i.e. If the Construction Arboricultural report identifies that a certain tree is to be trimmed, and the Design Arboricultural Report identifies that the same tree should be removed it is assumed that the tree will be removed. This has been accounted for within final tree number calculations included in Section 3 of this report.

2. Site Inspections

Bryce Claassens, Consulting Arborist of Urban Arbor, has attended site on numerous occasions. Please refer to inspection dates within the respective Arboricultural reports for details regarding inspection dates.

Urban Arbor have subsequently produced Arboricultural Reports to satisfy the Planning Approval conditions related to tree and vegetation removal. Copies of the reports are included in Appendix A, Appendix B and Appendix C as described above.

A curriculum vitae for Bryce is attached in Appendix E.

3. Inspection Results

The Design Arboricultural Reports have captured all trees within the Sydney Metro City & Southwest Sydenham to Bankstown Project Boundary, including both corridor and station precinct areas. A copy of the report is included in Appendix A and Appendix C for Bankstown Specific works.

As JHLOR's work package, Southwest Metro Corridor, is located largely within the corridor and generally excludes works within the station precincts a number of trees identified within Appendix A Design Arboricultural Report for removal are excluded from this report. These trees are listed under Section 4.1 of this document. It is noted that one JHLOR works will occur in one station precinct, that of Bankstown Station, as part of Bankstown Early Works and Bankstown Additional Corridor Works. Design related impacts for these trees are included within Appendix C. Furthermore, construction impacts for Bankstown Additional Corridor Works are included with Appendix D.

The results of the tree inspections can be found in:
Appendix A: Arboricultural Design Report Section 7, Section 8, Section 9 and Appendix 2
Appendix B – Construction Impacts Arboricultural Report (Part A – Marrickville to Wiley Park)
Appendix B – Construction Impacts Arboricultural Report (Part B – Wiley Park to Bankstown)
Appendix C: BEW Arboricultural Report Section 7, Section 8 and Appendix 2.
Appendix D: BAC Construction Arboricultural Report.
Section 9 of Appendix A, B and D Arboricultural Reports indicates where clashes between design or construction interfaces and trees exist. This is included in Section 8 of the Appendix C Arboricultural Report.

In accordance with the Arboricultural Reports a total of **430** standalone trees and **11** groups (or approximately **705** trees in total) will be removed as part of the works. In addition, **372** trees and **4** groups will be trimmed (Group G26 comprises native and exotic weed species. Individual native trees will be pruned as needed, and weed species will be removed). Due to the subsurface and therefore unknown location of tree roots, all trees may be subject to root trimming where the arborist confirms that the trees health will be maintained following trimming. Where root trimming must occur and that trimming will impact the viability of the tree, the tree will be included within this tree report for removal prior to any removal works.

Overall clearance of vegetation has also been assessed. JHLOR has estimated the area of planted native vegetation and exotic scrub and forest to be removed as part of SMC & BAC. Based on current calculations SMC & BAC will require the removal of;

- Approximately 0.285 hectares of planted native vegetation
- Approximately 0.09 hectares of exotic scrub and forest.

Broad mapping within the EIS is likely to overstate impacts of clearing, as the broad mapping accounts for areas that may not be vegetated.

It is noted that the majority of the rail corridor in which SMC & BAC is located is vegetated with exotic grassland.

Total areas for removal is indicative only and is based off canopy spread values included within the Arboricultural reports. Noting that canopy spread is measured from the widest part of the tree the estimation does not take into account tree symmetry or overlapping of canopies.

4. Alternatives to Design

Section 9 of the Appendix A, Appendix B and Appendix D Arboricultural Reports and Section 8 of the Appendix C Arboricultural Report identify why these trees and vegetation must be removed. Removal of the trees and vegetation predominately relates to relocation of the Sydney Trains services, construction of the Combined Service Route (CSR), fencing, track works, the Bankstown Metro Service Building, the Bankstown Sydney Metro down track platform and the retaining walls. These design components are integral to the functionality of the new Sydney Metro line. Due to limited space within the project boundary, existing services and to maintain access tracks, it is not feasible or reasonable to move these design components to accommodate the existing trees and vegetation.

In accordance with the Sydney Metro Sydenham to Bankstown Interim Tree Management Strategy tree and vegetation removal has been limited through detailed design and construction planning. Refer to Section 9 of both the Appendix A, Appendix B and Appendix D Arboricultural Reports and Section 8 of the Appendix C Arboricultural Report for removal justifications.

Avoidance of impacts to trees and vegetation on the project has been undertaken based on the following hierarchy;

1. Avoid impacts to tree, ensuring design and construction falls outside the tree protection zone
2. Impacts within the tree protection zone, but no trimming or removal
3. Trimming of trees with visual or amenity value (including privacy screening)
4. Removal of trees with visual or amenity value (including privacy screening)
5. Trimming of trees with ecological value (habitat, threatened vegetation communities, threatened flora species)
6. Removal of trees with ecological value (habitat, threatened vegetation communities, threatened flora species)

It is noted that a number of trees within the corridor and at access gates will be trimmed to accommodate the design components and construction requirements.

Where trenching may impact trees, tree sensitive service installation methods will be reviewed to determine if alternative methods of service installation (such as non-destructive digging trench excavation of underbores) are practicable and feasible to undertake.

4.1 Considerations and Restrictions

JHLOR and their designers have explored a number of means for retaining trees and vegetation on the project site. These include;

- Alignment of components such as the CSR have been located to minimise impacts to vegetation in accordance with the hierarchy listed above.
- Galvanised Steel Trough fixed to posts at regular intervals has been favoured over pit and pipe for the CSR. GST has a lesser impact on the tree protection zones (and tree roots) as small post excavations occur over 2m intervals, whereas pit and pipe CSR required extensive excavations, potentially impacting tree roots or requiring tree removal.
- Clearance between CSR and vegetation has been assessed to ensure accessibility and maintainability of the CSR while reducing impacts to vegetation.
- Use of GST instead of pit and pipe routes to minimise ground disturbance
- The fence alignment has been modified to mitigate impacts to trees within neighbouring properties
- The CSR and fence line have been designed to avoid impacts to Threatened Ecological Communities (TEC).
- Giken piling methodology for Retaining Wall 21 at Lakemba has removed the need to create a haul road along the bottom of the wall.

There are also a number of restrictions specific to the site that have resulted in the need for tree and vegetation removal. These include;

- Access tracks are to be maintained through the rail corridor to allow for maintenance of infrastructure and emergency response.
- In some parts of the corridor, a walking and cycling track will be constructed in the future, the design must make provision for the construction of this track.
- The GST used for the CSR is higher than standard GST, meaning some vegetation will need to be trimmed to accommodate the GST.
- The security fencing is higher than the existing fencing within the corridor, meaning some vegetation will need to be trimmed to accommodate the fences.
- CSR transitions between corridor and bridges restrict the design alignment, meaning some vegetation at bridge abutments will need to be removed to accommodate the transitions.

It is noted that a number of trees included within Appendix B have already been removed for SMC & BAC early works, SMEW works or by other Contractors. These trees are not included in the total tree count within Section 3. These trees are; G27, 605, 680, 681, 693, 694, 731, 3276, 3277, 3278, 3279, 3280, 3281, 3282, 3286, 3287, 3288, 3293, 3294, 3295, 19 CoCB, 20 CoCB, 43a CoCB, 43b CoCB, 44 CoCB, 46 CoCB, 47 CoCB, 48 CoCB, 63 CoCB, 63a CoCB, 63b CoCB & 63c CoCB. It is noted that trees denoted with a suffix “CoCB” are located within the Canterbury Bowls Club and are numbered based on the City of Canterbury Bankstown tree mapping for the bowling club area. Of this list of trees, those removed by JHLOR are captured and accounted for within the Southwest Metro Early Works (SMEW) Tree Removal Register.

It is noted that trees within the Project area may at times be trimmed or removed by Sydney Trains, other authorities or other Contractors. At times this may occur without JHLOR's knowledge. The tree count included within this report is based on impacts calculated for JHLOR's scope. The final tree removal number will be determined via the JHLOR SMC & BAC Tree and Vegetation Removal Register, refer to Section 5 of this report.

The Arboricultural Reports indicate that a number of trees outside of the Project Boundary are to be removed or trimmed as part of project works. Where a tree is to be removed outside of the Project Boundary JHLOR will obtain land owner's consent prior to the removal works. Where a tree branch from a tree outside of the project boundary overhangs within the project and is to be trimmed, JHLOR will inform the tree owner and will trim the tree to the nearest growth point in accordance with AS4373-2007, or, if the owner objects, to the project boundary. Where tree trimming is required outside the project boundary (e.g. at gates and local roads leaving to site gates) JHLOR will seek landowner's consent.

The following trees are subject to a Sydney Metro witness point prior to trimming or removal;

- 3472, 3473, 3474, 3475 – Livingstone Road Bridge, Marrickville.

A Sydney Metro Representative will be contacted prior to the trimming or removal of these trees to agreed appropriate actions. Agreement will be reached prior to any action taking place.

Tree 3489 (*Pittosporum undulatum*) forms part of a Threatened Ecological Community (*Turpentine - Grey Ironbark open forest on shale*). Minor trimming is proposed for this tree. Tree 3489 will not be trimmed until a Planning Approval Consistency Assessment (PACA) is undertaken to determine whether trimming is consistent with approved project. Approval of the PACA is to be obtained prior to trimming.

5. Mitigation Measures

JHLOR will implement a number of measures to ensure the correct vegetation and trees are removed and to mitigate the risk of damage to trees and vegetation that will remain. These mitigation measures include;

- Undertake all Protection Measures as identified within Appendix A, Appendix B, Appendix C and Appendix D of this Report
- The project will be designed to minimise impacts to trees where possible. This will include a review of design impacts and construction impacts on trees
- Relevant Councils and the DPIE will be consulted in regards to replacement tree planting locations. Relevant Councils will be consulted in regards to appropriate sizes for replacement trees.
- A Vegetation Removal and Trimming Permit will be implemented
- All existing trees to be retained within the site area must be protected in accordance with Australian Standard AS 4970 'Tree protection in development sites' to avoid and minimise impacts
- All trees to be removed or trimmed will be appropriately demarcated
- Qualified and experienced tree loppers will be engaged to removed and trim trees
- Where works will occur in the vicinity of trees that are to remain intact, demarcation or barriers will be put in place around the tree at the extent of the structural root zone
- Access tracks will be clearly delineated and defined within the Environmental Control Maps
- Staff and workers to be educated on vegetation trimming and removal requirements

- A copy of the Tree Report must be submitted to the Secretary for information before the removal, damage and/or pruning of any trees, including those affected by the site establishment works.
- All recommendations of the Tree Report must be implemented by the Proponent, unless otherwise agreed by the Secretary.
- JHLOR will consult with the relevant Council in regards to the timing of removal of trees on council land, as required.
- JHLOR will consult with the relevant land owner's in regards to the trimming of branches that overhand into the rail corridor.
- Detailed design and construction planning would avoid direct impacts to vegetation mapped as threatened ecological communities or native plant community types, specifically Downy Wattle Turpentine - Grey Ironbark open forest on shale, Degraded Turpentine - Grey Ironbark open forest on shale and Broad-leaved Ironbark – Grey Box in accordance with REMM B1.
- Pre-clearing surveys and inspections for endangered and threatened flora and fauna species would be undertaken by qualified ecologists prior to any clearing occurring in accordance with REMM B2.
- Impacts to Downy Wattle Turpentine - Grey Ironbark open forest on shale, Degraded Turpentine - Grey Ironbark open forest on shale and Broad-leaved Ironbark – Grey Box would be avoided. The locations of these species and communities would be marked on plans, fenced on site, and avoided in accordance with REMM B4.
- Equipment storage and stockpiling would be restricted to identified compound sites and already cleared land in accordance with REMM B5.
- A trained ecologist would be present during the clearing of native vegetation or removal of potential fauna habitat to avoid impacts on resident fauna and to salvage habitat resources as far as is practicable in accordance with REMM B6.
- JHLOR will consult with relevant local stakeholders in regards to visual amenity impacts.
- Advise will be sought from an Arborist prior to substantial root trimming.

In addition JHLOR will maintain a Tree and Vegetation Removal Register. The register will track which tree have been removed or trimmed (based on the number within the tree report) and the area of vegetation cleared as part of the works. The JHLOR Vegetation Removal and Trimming Permit will prompt the Environmental Manager (or delegate) to record these factors during the permit authorisation site inspection.

This report will be submitted to the Secretary for information prior to the removal, damage and/or pruning of any trees.

5.1 Tree Trimming Memorandum

The SMC & BAC scope of works and the interactions with trees across site is complex. Due to the constantly changing nature of construction, construction methodologies must change, leading to unexpected impacts. At times, changes to construction methodology may result in the requirement for the trimming of trees not previously assessed. In these instances trimming would be required to maintain the health of the tree. To ensure all tree trimming is assessed and to mitigate delays to construction JHLOR will implement a Tree Trimming Memorandum (memo) Process.

The process will work as follows;

- All trees in the project area are to be given a number and the condition, amenity and visual value of the tree is to be included. This is to be included in either the Appendix A, Appendix B, Appendix C or Appendix D Arboricultural Report.

- Where known at time of the initial submission, each tree to be trimmed should be included within an Arboricultural Report
- As works commence, any additional trees to be trimmed should be assessed by an arborist and should be captured under a memo for that tree. The memo would address if there are any changes to the aspects of the tree as a result of trimming – condition of the tree, amenity, visual value
- If a tree is to be removed it must be included in the Tree report as per CoA E5c)
- If a tree is to be trimmed but does not have a number under the Arboricultural report the Arboricultural report must be updated to include the tree and description of aspects
- The memo would be submitted to SM & ER for information prior to trimming

Appendix A (Part A) – Urban Arbor - Arboricultural Report – Design Impacts

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Arboricultural Impact Assessment Report

Site location:
South West Metro Rail Corridor
Marrickville to Bankstown
NSW

Prepared for:
Arcadis

Prepared by: Bryce Claassens
Urban Arbor Pty Ltd
Date: 3 May 2024
Ref: 240503-SWMRC-AIA
Rev: 6

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1. EXECUTIVE SUMMARY

1.1 Two thousand five hundred and eighteen (2518) trees and thirteen (13) groups of trees have been included in this report. Refer to appendix 1 for an inspection schedule of all trees. Each of the trees has been allocated a retention value using the Tree AZ method, see section 8.1 for more information in relation to the retention values.

1.2 Only one hundred and seventy trees have been reassessed in this version of the report (Rev 6), including tree 83, 84, 85, 88, 89, 90, 96, 97, 98, 99, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1906, 1935, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098 and 2151. The assessment and recommendations for the remaining trees included within this report have not changed from those in the last version of the report (Rev 5 - 28 September 2023).

1.3 For site plans of tree locations, refer to the Eastern and Western Corridor General Arrangement – Tree Survey by Arcadis, Including Sheet 1-70, Rev A, received 19 April 2024. See Appendix.

1.4 One hundred and forty (140) trees and four (4) groups of trees have been recommended to be removed. Of these trees, twenty-six (26) trees are located outside the site boundary. The removal of the trees located outside the site boundary is subject to approval by the relevant authorities and/or tree owners. Refer to section 11.2, 11.3 and 11.4 for a list of the trees to be removed by retention value.

1.5 It may be possible to retain sixty-seven (67) of the trees recommended for removal in section 1.4 through detailed site investigations of the impact to the trees root system and/or tree sensitive construction measures. Refer to section 10 for more information in regard to detailed site investigations and tree sensitive construction measures. Refer to section 11.3 and 11.4 for a list of the trees by retention value within this category.

1.6 Two thousand three hundred and seventy-eight (2378) trees and nine (9) groups of trees have been recommended to be retained and protected. Refer to section 11.5, 11.6 and 11.7 for a list of the trees by retention value.

1.7 Thirty-two (32) of the trees recommended to be retained in section 1.6 will be subject to major TPZ encroachment. These trees require tree sensitive construction measures to be retained in a viable condition (see section 10.3 for more information). Refer to section 11.5 for a list of the trees by retention value within this category.

1.8 One hundred and eighty-two (182) trees and two (2) groups of the trees recommended to be retained in section 1.6 have not been assessed as part of this report. These trees are located within the T2M scope. Refer to section 11.7 for a list of the trees by retention value within this category.

1.9 All canopy pruning required to accommodate the proposed works must be carried out in accordance with AS4373-2007 Pruning of Amenity Trees.[1] See section 10.4 for more information.

1.10 Generic tree protection guidance has been provided in section 13. It is recommended that a detailed tree management plan (TMP) is prepared for the development in accordance with AS4970-2009 and developed in combination with the overall construction management plan for the site. The TMP should be prepared by a consulting Arborist with a minimum AQF level 5 qualification.

1.11 This report does not provide approval for tree removal or pruning works. All recommendations in this report are subject to approval by the relevant authorities and/or tree owners

[1] Council Of Standards Australia, *AS 4373 Pruning of amenity trees* (2007).

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2. INTRODUCTION

2.1 Urban Arbor have been instructed by Arcadis to provide an Arboricultural Impact Assessment Report for trees located within the site and adjoining sites in relation to a proposed development.

2.2 Below is a list of all documents and information provided to assist in preparing this report;

A) Eastern and Western Corridor General Arrangement – Tree Survey, Arcadis, Including Selected Sheets numbered 1-70, Rev A, Received 19 April 2024.
B) Detail Survey, Cardno, Including Sheet 1-28, 16 April 2020.
C) Security Fence General Arrangement Plans, Arcadis, Mark up for [ARBORIST], Pages from 2024-04-16.
D) Security Fence General Arrangement Plans, Arcadis, Mark up for [ARBORIST], Pages from 2024-04-17.

2.3 The site and tree inspections were carried out between the dates of 6 January 2020 to 3 April 2020 and on 18 October 2023. Access was available to the subject site and adjoining public areas only. All tree data contained in this report was collected during these site inspections.

3. SCOPE OF THE REPORT

3.1 This report has been undertaken to meet the following objectives.

3.1.1 Conduct a ground level visual assessment of all significant trees located within 5 metres of development works. For the purpose of this report, a significant tree is a tree with a height equal to or greater than 5 metres.

3.1.2 Assess the trees condition, landscape value, estimated useful life expectancy and award the trees a retention value.

3.1.3 Carryout an assessment of the potential impact the proposed development is going to cause to the condition of the subject trees in accordance with AS4970 Protection of trees on development sites (2009). The proposed development works that have been assessed in this report include the following;

- Security fencing.
- Access tracks.
- Hi-Rail pads.

3.1.4 Trees that are located within the T2M scope areas (i.e. station precincts, service buildings, hard surfacing, etc.) have not been assessed within this report.

3.1.5 Specify generic tree protection measures in accordance with AS4970-2009 for any tree to be retained during the development.

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4. LIMITATIONS

4.1 The observations and recommendations are based on the site inspections identified in section 2 only. The findings of this report are based on the observations and site conditions at the time of inspection.

4.2 All of the observations were carried out from ground level. The accuracy of the assessment of the subject trees structural condition and health is limited to the visibility of the tree at the time of inspection.

4.3 The tree inspection was visual from ground level only. No soil or tissue testing was carried out as part of the tree inspection. None of the surrounding surfaces adjacent to trees were lifted or removed during the tree inspections.

4.4 Root decay can sometimes be present with no visual indication above ground. It is also impossible to know the extent of any root damage caused by mechanical damage such as underground root cutting during the installation of services without undertaking detailed root investigation. Any form of tree failure due to these activities is beyond the scope of this assessment.

4.5 While an assessment of the subject trees estimated useful life expectancy is included in this report, no specific tree risk assessment has been undertaken for any of the trees at the site.

4.6 The report reflects the subject trees as found on the day of the inspections. Any changes to the growing environment of the subject trees, or tree management works beyond those recommended in this report may alter the findings of the report. There is no warranty, expressed or implied, that problems or deficiencies relating to the subject trees, or subject site may not arise in the future.

4.7 Tree identification is based on accessible visual characteristics at the time of inspection. As key identifying features are not always available the accuracy of identification is not guaranteed. Where tree species is unknown, it is indicated with an *spp*.

4.8 Urban Arbor neither guarantees, nor is it responsible for, the accuracy of information provided by others that is contained within this report.

4.9 All diagrams, plans and photographs included in this report are visual aids only, and are not to scale unless otherwise indicated.

4.10 Alteration of this report invalidates the entire report.

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5. METHODOLOGY

5.1 The following information was collected during the assessment of the subject tree(s).

5.1.1 Tree common name
5.1.2 Tree botanical name
5.1.3 Tree age class
5.1.4 DBH (Trunk/Stem diameter at breast height/1.4m) - millimetres.
5.1.5 DAB (Trunk diameter directly above the root buttress) – millimetres.
5.1.6 Estimated height - metres
5.1.7 Estimated crown spread (diameter of crown) - metres
5.1.8 Health
5.1.9 Structural condition
5.1.10 Landscape value
5.1.11 Estimated remaining contribution years (SULE)[2]
5.1.12 Retention value (Tree AZ)[3]
5.1.13 Notes/comments

5.2 An assessment of the trees condition was made using the visual tree assessment (VTA) model (Mattheck & Breloer, 1994).[4]

5.3 Tree diameter was measured using a DBH tape or in some cases estimated. Tree height and tree canopy spread was estimated. All other measurements were estimations unless otherwise stated. The other tools used during the assessment were a nylon mallet, compass, camera and a steel probe.

5.4 All DBH measurements, tree protection zones, and structural root zones were calculated in accordance with methods set out in AS4970 Protection of trees on development sites (2009).[5] The calculations were made in a Microsoft Excel spreadsheet.

5.5 The location of all trees included in this report has been collected by Cardno. The tree location provided by Cardno and tree information provided by Urban Arbor has been overlaid onto the proposed site plans by Arcadis. Urban Arbor has used PT-Mapper-Pro to calculate all TPZ encroachment areas and percentages discussed in this report.

5.6 Details of how the observations in this report have been assessed are listed in the appendices.

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2 Barrell, J. (2001), *'SULE: Its use and status in the new millennium' in Management of Mature Trees proceedings of the 4th NAAA Workshop*, Sydney, 2001. Barrell.

3 Barrell Tree Consultancy, *Tree AZ version 10.10-ANZ*, http://www.treeaz.com/.

4 Mattheck, C. & Breloer, H., *The body language of trees - A handbook for failure analysis*, The Stationary Office, London, England (1994).

5 Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009).

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6. SITE LOCATION AND BRIEF DESCRIPTION

6.1 The area covered in the site inspections is located within two Local Government Areas (LGA), including Inner West LGA and Canterbury Bankstown LGA. All trees within the Inner West LGA are subject to protection the Inner West Local Environmental Plan (LEP) 2022[6] and the Inner West Council Tree Management DCP 2023.[7] All trees within the Canterbury Bankstown LGA are subject to protection under the Canterbury Bankstown LEP 2023[8] and Canterbury Bankstown DCP 2023.[9]

7. GENERAL INFORMATION IN RELATION TO PROTECTING TREES ON DEVELOPMENT SITES

7.1 **Tree protection zone (TPZ):** The TPZ is the principle means of protecting trees on development sites and is an area required to maintain the viability of trees during development. It is commonly observed that tree roots will extend significantly further than the indicative TPZ, however the TPZ is an area identified in AS4970-2009 to be the area where root loss or disturbance will generally impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The TPZ also incorporates the SRZ (see below for more information about the SRZ). The TPZ is calculated by multiplying the DBH by twelve, with the exception of palms, other monocots, cycads and tree ferns, the TPZ of which should be calculated at minimum one metre outside the crown projection.

7.2 **Structural Root Zone (SRZ):** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always needs to be maintained to preserve a viable tree. The SRZ is calculated using the following formula; $(DAB \times 50)^{0.42} \times 0.64$. There are several factors that can vary the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally, work within the SRZ should be avoided. Soil level changes should also generally be avoided inside the SRZ of trees to be retained. Palms, other monocots, cycads and tree ferns do not have an SRZ. See the appendices for more information about the SRZ.

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6 *Inner West Local Environmental Plan 2022*, https://www.legislation.nsw.gov.au/#/view/EPI/2011/645/full, accessed 3 May 2024.

7 *Inner West Tree Management Development Control Plan 2023*, https://www.innerwest.nsw.gov.au/live/information-for-residents/trees/trees-on-your-property-pruning-or-removing, accessed 3 May 2024.

8 *Canterbury Bankstown Local Environmental Plan 2023*, https://legislation.nsw.gov.au/view/html/inforce/current/epi-2023-0336, accessed 3 May 2024.

9 *Canterbury Bankstown Development Control Plan 2023*, https://www.cbcity.nsw.gov.au/development/planning-control-policies/canterbury-bankstown-development-control-plan-2023, accessed 3 May 2024.

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7.3 **Minor encroachment into TPZ:** Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.

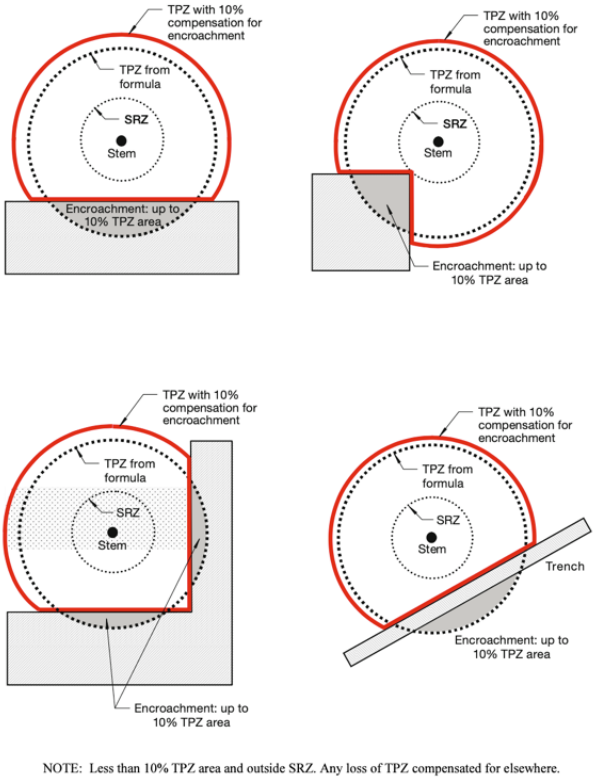

Image 1: Example minor TPZ encroachment from AS4970-2009.

7.4 **Major encroachment into TPZ:** Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted. Root investigations may be required to identify roots that will be impacted during major TPZ encroachment.

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8. OBSERVATIONS

8.1 **Tree information:** Details of each individual tree assessed, including the observations taken during the site inspection, can be found in the tree inspection schedule in appendix 1, where the indicative tree protection zone (TPZ) and Structural Root Zone (SRZ) has been calculated for each of the subject trees. The TPZ and SRZ should be measured in radius from the centre of the trunk. Each of the subject trees have been awarded a retention value based on the observations using the Tree AZ method. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The Tree AZ categories sheet (Barrell Tree Consultancy) has been included in appendix 2 to assist with understanding the retention values. The retention value that has been allocated to the subject trees in this report is not definitive and should only be used as a guideline. The retention values should be considered in accordance with the following;

Category	Example recommendation
A	The trees in this category should be retained if it is reasonably possible.
Z	The trees in this category should not cause a constraint to the development proposals. Further assessment of the tree condition and suitability for retention, such as tree risk assessment, decay testing or root collar excavations, may be required to retain some trees in this category.

8.2 **Site plans:** The location of all trees included in this report were surveyed by Cardno (registered surveyors). The information for all trees included in this report has been collected by Urban Arbor. The tree location and tree information has been overlaid onto the proposed site plans by Arcadis. Urban Arbor has used the software PT-Mapper-Pro to calculate all TPZ encroachment areas and percentages discussed in this report. Please refer to the Eastern and Western Corridor General Arrangement – Tree Survey by Arcadis, Including Sheet 1-70, Rev A, received 19 April 2024, for detailed site plans (Appendix 4). The site plans include tree location/tree trunk, tree identification number, canopy spread, Tree Protection Zone (TPZ) and Structural Root Zone (SRZ). An example of the tree information identified within the site plans has been included in Image 2 below:

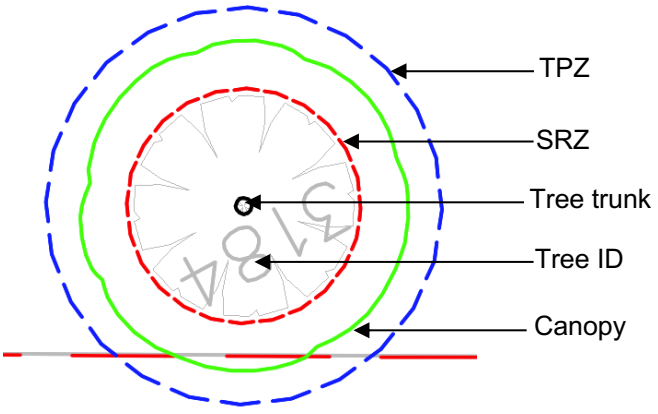

Image 2: Example of tree information identified within site plans.

9. ASSESSMENT OF CONSTRUCTION IMPACTS

9.1 Table 1: In the table below, the impact of the proposed development works has been assessed for all trees included in the report.

Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1	*Corymbia citriodora*	A1	8.6	234.5	3.0	None	No proposed TPZ encroachment.	Retain and protect
2	*Elaeocarpus reticulatus*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
3	*Elaeocarpus reticulatus*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
4	*Elaeocarpus reticulatus*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
5	*Leptospermum petersonii*	A2	3.0	27.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
6	*Leptospermum petersonii*	A2	2.2	15.4	1.8	None	No proposed TPZ encroachment.	Retain and protect
7	*Leptospermum petersonii*	Z4	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
8	*Leptospermum petersonii*	A1	3.1	30.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
9	*Podocarpus elatus*	A1	7.8	191.1	2.8	None	No proposed TPZ encroachment.	Retain and protect
10	*Corymbia citriodora*	A1	10.0	311.7	3.2	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
11	*Grevillea robusta*	A1	4.6	65.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
12	*Podocarpus elatus*	A1	8.2	209.2	2.9	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
13	*Eucalyptus saligna*	A1	3.5	38.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
14	*Eucalyptus saligna*	A1	3.2	33.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
15	*Eucalyptus saligna*	A1	4.9	76.0	2.4	None	No proposed TPZ encroachment.	Retain and protect
16	*Brachychiton acerifolius*	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
17	*Eucalyptus saligna*	A1	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
18	*Eucalyptus robusta*	A1	5.5	95.7	2.4	None	No proposed TPZ encroachment.	Retain and protect
19	*Casuarina glauca*	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
20	*Casuarina glauca*	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
21	*Casuarina glauca*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
22	*Casuarina glauca*	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
23	*Casuarina glauca*	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
24	*Casuarina glauca*	Z9	3.7	42.2	2.3	None	No proposed TPZ encroachment.	Retain and protect
25	*Casuarina glauca*	A1	4.1	52.3	2.2	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
26	*Casuarina glauca*	A1	4.0	49.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
27	*Casuarina glauca*	A1	2.2	14.7	1.6	None	No proposed TPZ encroachment.	Retain and protect
28	*Casuarina glauca*	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
29	*Casuarina glauca*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
30	*Casuarina glauca*	A1	3.2	33.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
31	*Casuarina glauca*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
32	*Casuarina glauca*	A1	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
33	*Casuarina glauca*	A1	2.8	23.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
34	*Casuarina glauca*	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
35	*Casuarina glauca*	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
36	*Eucalyptus robusta*	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
37	*Eucalyptus robusta*	A1	4.9	76.0	2.3	None	No proposed TPZ encroachment.	Retain and protect
38	*Casuarina glauca*	A1	6.8	147.0	2.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
39	*Eucalyptus saligna*	A1	8.6	234.5	3.0	None	No proposed TPZ encroachment.	Retain and protect
40	*Eucalyptus robusta*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
41	*Eucalyptus robusta*	A1	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
42	*Casuarina glauca*	A1	4.1	52.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
43	*Eucalyptus robusta*	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
44	*Casuarina glauca*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
45	*Casuarina glauca*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
46	*Lophostemon confertus*	A1	8.2	209.2	2.9	None	No proposed TPZ encroachment.	Retain and protect
47	*Casuarina glauca*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
48	*Casuarina glauca*	A1	2.8	23.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
49	*Casuarina glauca*	A1	4.6	65.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
50	*Casuarina glauca*	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
51	*Casuarina glauca*	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
52	*Eucalyptus robusta*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
53	*Casuarina glauca*	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
54	*Casuarina glauca*	A1	5.5	95.7	2.5	None	No proposed TPZ encroachment.	Retain and protect
55	*Eucalyptus robusta*	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
56	*Eucalyptus robusta*	A1	4.0	49.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
57	*Banksia integrefolia*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
58	*Eucalyptus robusta*	A1	5.9	108.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
59	*Casuarina glauca*	A1	4.2	55.4	2.2	None	No proposed TPZ encroachment.	Retain and protect
60	*Lophostemon confertus*	A1	6.8	147.0	2.7	None	No proposed TPZ encroachment.	Retain and protect
61	*Casuarina glauca*	A1	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
62	*Casuarina glauca*	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
63	*Casuarina glauca*	A1	6.2	122.3	2.6	None	No proposed TPZ encroachment.	Retain and protect
64	*Melaleuca styphelioides*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
65	*Casuarina glauca*	A1	3.5	38.5	2.3	None	No proposed TPZ encroachment.	Retain and protect
66	*Casuarina glauca*	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
67	*Casuarina glauca*	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
68	*Casuarina glauca*	A1	4.6	65.3	1.5	None	No proposed TPZ encroachment.	Retain and protect
69	*Casuarina glauca*	A1	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
70	*Persea gratissima*	A1	3.8	46.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
71	*Eucalyptus scoparia*	A1	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
72	*Allocasuarina torulosa*	A1	2.8	24.9	2.1	None	No proposed TPZ encroachment.	Retain and protect
73	*Jacaranda mimosifolia*	A1	3.3	34.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
74	*Quercus robur*	A2	5.4	91.6	2.4	Major	The proposed security fence will encroach into the TPZ by 33% (30.4m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
75	*Erythrina crista-galli*	Z3	4.8	72.4	2.3	Major	The proposed security fence will encroach into the TPZ by 31% (22.4m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
76	*Ailanthus altissima*	Z1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
77	*Araucaria heterophylla*	A1	6.0	113.1	2.6	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
78	*Leptospermum petersonii*	A1	5.4	91.6	2.4	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
79	*Lagerstroemia indica*	A1	3.0	28.3	1.8	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
80	*Pittosporum undulatum*	A1	3.0	28.3	1.8	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
80b	*Cinnamomum camphora*	A1	6.6	136.8	2.6	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
80c	*Cinnamomum camphora*	A1	5.4	91.6	2.4	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 27% (24.8㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
80d	*Cinnamomum camphora*	A1	5.5	95.7	2.4	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 34% (32.9㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
80e	*Cinnamomum camphora*	A1	5.1	81.8	2.5	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 32% (26.3㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
80f	*Cinnamomum camphora*	A1	5.8	104.2	2.5	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 33% (34.7㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
80g	*Cinnamomum camphora*	A1	5.5	95.7	2.4	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 34% (33.7㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
80h	*Cinnamomum camphora*	A1	6.1	117.7	2.5	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 37% (43.2㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
80i	*Cinnamomum camphora*	A1	5.8	104.2	2.5	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 36% (37.1㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
81	*Unknown spp*	Z4	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
81a	*Tibouchina spp*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
81b	*Camellia spp*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
81c	*Mangifera indica*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
82	*Ficus benjamina*	Z1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
82d	*Melaleuca linariifolia*	Z1	2.0	12.6	1.5	Major	The proposed security fence will encroach into the TPZ by 18% (2.2㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. However, Arcadis have advised that no fence posts will be located within the SRZ and extended panels will be utilised. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
83	*Cinnamomum camphora*	A1	5.2	85.3	2.5	None	No proposed TPZ encroachment.	Retain and protect
84	*Grevillea robusta*	Z9	4.8	72.4	2.6	None	No proposed TPZ encroachment.	Retain and protect
85	*Grevillea robusta*	Z9	9.0	254.5	3.2	Major	The proposed security fence will encroach into the TPZ by 18% (46.03㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
86	*Schinus molle*	A1	14.4	651.4	3.7	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
87	*Cinnamomum camphora*	A1	15.0	706.9	3.9	Major	The proposed security fence will encroach into the TPZ by 28% (195.4㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
88	*Cinnamomum camphora*	A1	15.0	706.9	3.8	Major	The proposed security fence will encroach into the TPZ by 29% (202㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
89	*Cinnamomum camphora*	A1	14.4	651.4	3.6	Major	The proposed security fence will encroach into the TPZ by 34% (223㎡) but not the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
90	*Lophostemon confertus*	A1	5.3	87.6	2.3	Major	The proposed security fence will encroach into the TPZ by 30% (26.2㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
91	*Lophostemon confertus*	A1	5.5	96.1	2.5	Major	The proposed security fence will encroach into the TPZ by 35% (33.6㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
92	*Lophostemon confertus*	A1	4.7	69.0	2.4	Major	The proposed security fence will encroach into the TPZ by 33% (23.2㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
93	*Platanus x hispanica*	A1	13.2	547.4	3.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
94	*Platanus x hispanica*	A1	14.4	651.4	3.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
95	*Platanus x hispanica*	A1	14.4	651.4	3.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
96	*Platanus x hispanica*	A1	15.0	706.9	3.7	Major	The proposed security fence will encroach into the TPZ by 17% (122.2㎡) but not the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
97	*Platanus x hispanica*	A1	14.2	629.9	3.8	Major	The proposed security fence will encroach into the TPZ by 28% (173.4㎡) and into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
98	*Platanus x hispanica*	A1	10.2	326.9	3.6	Major	The proposed security fence will encroach into the TPZ by 17% (54.3㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
99	*Platanus x hispanica*	A1	10.1	319.2	3.2	Major	The proposed security fence will encroach into the TPZ by 11% (36.7㎡) but not into the SRZ. This is just 1% over the threshold for minor TPZ encroachment. The tree was displaying good health during the site inspection, indicating the tree has the capacity to tolerate some root disturbance. Therefore, the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
100	*Platanus x hispanica*	A1	11.5	416.9	3.3	Major	The proposed security fence will encroach into the TPZ by 13% (52.3m²) but not into the SRZ. This is just 3% over the threshold for minor TPZ encroachment. The tree was displaying good health during the site inspection, indicating the tree has the capacity to tolerate some root disturbance. Therefore, the proposed works will not significantly impact the condition of the tree.	Retain and protect
100a	*Lophostemon confertus*	A1	9.4	275.2	3.0	None	No proposed TPZ encroachment.	Retain and protect
103	*Cinnamomum camphora*	A1	13.2	547.4	3.8	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 17% (94.5m²) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
104	*Cinnamomum camphora*	A1	9.6	289.5	3.1	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
105	*Cinnamomum camphora*	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
106	*Cinnamomum camphora*	A1	7.2	162.9	2.8	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
107	*Acacia parramattensis*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
108	*Acacia parramattensis*	A1	3.1	29.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
109	*Acacia parramattensis*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
110	*Acacia parramattensis*	A1	2.6	21.2	1.8	None	No proposed TPZ encroachment.	Retain and protect
111	*Acacia parramattensis*	Z4	2.5	20.4	1.9	None	No proposed TPZ encroachment.	Retain and protect
112	*Acacia parramattensis*	Z4	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
113	*Acacia parramattensis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
115	*Acacia parramattensis*	A1	3.1	29.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
117	*Melaleuca bracteata*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
118	*Melaleuca bracteata*	A1	3.1	29.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
119	*Melia azedarach*	A1	2.3	16.3	1.7	None	No proposed TPZ encroachment.	Retain and protect
120	*Melia azedarach*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
121	*Melia azedarach*	A1	2.3	16.3	1.7	None	No proposed TPZ encroachment.	Retain and protect
122	*Melaleuca bracteata*	A1	4.8	71.3	2.3	Footprint	The trunk of the tree is located within the footprint of the proposed Dulwich Hill Hi-rail pad construction.	Remove
123	*Callistemon viminalis*	A1	3.3	33.9	2.0	Footprint	The trunk of the tree is located within the footprint of the proposed Dulwich Hill Hi-rail pad construction.	Remove
124	*Melaleuca bracteata*	A1	6.0	114.4	2.4	Footprint	The trunk of the tree is located within the footprint of the proposed Dulwich Hill Hi-rail pad construction.	Remove
125	*Elaeocarpus reticulatus*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located directly adjacent to the proposed Dulwich Hill Hi-rail pad construction.	Remove
126	*Elaeocarpus reticulatus*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
127	*Melaleuca bracteata 'Revolution Gold'*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
128	*Quercus robur*	A1	7.2	162.9	2.7	Major	The proposed security fence will encroach into the TPZ by 41% (66.7㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
129	*Quercus robur*	A1	7.7	185.3	2.8	Major	The proposed security fence will encroach into the TPZ by 41% (75.8㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
130	*Eucalyptus microcorys*	A1	11.8	434.5	3.3	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 20% (85.2㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
131	*Olea europaea*	A1	4.8	70.9	2.4	None	No proposed TPZ encroachment.	Retain and protect
132	*Ailanthus altissima*	Z3	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
133	*Ailanthus altissima*	Z3	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
134	*Syncarpia glomulifera*	A1	6.5	132.7	3.4	None	No proposed TPZ encroachment.	Retain and protect
135	*Syncarpia glomulifera*	A1	13.2	547.4	3.6	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 20% (110.2㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
136	*Syncarpia glomulifera*	Z9	3.1	29.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
137	*Syncarpia glomulifera*	A1	12.0	452.4	3.4	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 20% (88.8㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
138	*Syncarpia glomulifera*	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
139	*Syncarpia glomulifera*	A1	15.0	706.9	3.8	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 28% (200.4㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
140	*Syncarpia glomulifera*	A1	15.0	706.9	3.7	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 23% (162.0㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
141	*X Cupressocyparis leylandii*	Z3	7.2	162.9	2.7	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
142	*Syncarpia glomulifera*	A1	6.1	117.6	3.1	None	No proposed TPZ encroachment.	Retain and protect
143	*Syncarpia glomulifera*	A1	6.3	125.5	3.3	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
144	*Lagerstroemia indica*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
145	*Ligustrum lucidum*	Z3	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
146	*Grevillea robusta*	Z9	4.1	52.3	2.2	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
147	*Olea europaea*	Z1	2.5	19.2	1.8	None	No proposed TPZ encroachment.	Retain and protect
148	*Grevillea robusta*	A2	5.3	87.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
149	*Olea europaea*	Z1	3.4	35.5	2.1	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
150	*Stenocarpus sinuatus*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
151	*Ligustrum lucidum*	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
152	*Persea gratissima*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
153	*Eriobotrya japonica*	Z1	2.2	14.7	1.6	None	No proposed TPZ encroachment.	Retain and protect
154	*Grevillea robusta*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
155	*Grevillea robusta*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
156	*Olea europaea*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
157	*Mangifera indica*	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
158	*Pittosporum undulatum*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
159	*Acacia saligna*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
160	*Acacia saligna*	Z1	2.6	20.4	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
161	*Acacia longifolia*	Z9	3.3	34.4	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
162	*Pittosporum undulatum*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
G2	*Cinnamomum camphora*	Z3	2.4	18.1	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
163	*Acacia saligna*	A1	2.0	12.6	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
164	*Acacia saligna*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
165	*Acacia longifolia*	A1	3.6	40.7	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
194	*Cinnamomum camphora*	A1	15.0	706.9	3.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
197	*Cinnamomum camphora*	Z3	2.9	25.6	2.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
198	*Jacaranda mimosifolia*	A1	5.9	109.5	2.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
199	*Lophostemon confertus*	A1	6.1	117.7	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
200	*Ligustrum lucidum*	Z3	2.1	14.5	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
201	*Robinia pseudoacacia*	Z3	4.7	69.5	2.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
202	*Robinia pseudoacacia*	Z3	2.2	14.7	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
203	*Robinia pseudoacacia*	Z3	2.2	14.7	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
204	*Robinia pseudoacacia*	Z3	3.0	28.3	1.9	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
205	*Robinia pseudoacacia*	Z3	3.4	35.7	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
206	*Robinia pseudoacacia*	Z3	5.8	104.2	2.5	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 44% (45.8㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
207	*Robinia pseudoacacia*	Z3	4.9	76.0	2.3	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 47% (35.9㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
208	*Robinia pseudoacacia*	Z3	4.6	65.3	2.3	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
209	*Cinnamomum camphora*	Z3	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
210	*Cinnamomum camphora*	Z3	7.3	168.3	2.8	None	No proposed TPZ encroachment.	Retain and protect
G5	*Robinia pseudoacacia*	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
G5a	*Acacia spp*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
211	*Cinnamomum camphora*	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
212	*Hibiscus spp*	Z1	3.6	40.7	2.0	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
213	*Melaleuca quinquenervia*	A1	6.0	113.1	2.5	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 43% (48.8㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
214	*Callistemon viminalis*	A1	2.6	21.2	1.8	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 33% (7㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
215	*Cinnamomum camphora*	A1	4.7	68.4	2.6	None	No proposed TPZ encroachment.	Retain and protect
215b	*Tetradium daniellii*	A2	5.8	104.2	2.5	None	No proposed TPZ encroachment.	Retain and protect
216	*Jacaranda mimosifolia*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
216a	*Brachychiton acerifolius*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
223	*Erythrina x sykesii*	Z3	15.0	706.9	3.8	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
224	*Lophostemon confertus*	A1	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
225	*Lophostemon confertus*	A1	7.0	152.2	2.7	None	No proposed TPZ encroachment.	Retain and protect
226	*Lophostemon confertus*	A1	6.7	141.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
227	*Lophostemon confertus*	A1	7.7	185.3	2.8	None	No proposed TPZ encroachment.	Retain and protect
228	*Lophostemon confertus*	A1	9.5	282.3	3.0	None	No proposed TPZ encroachment.	Retain and protect
229	*Lophostemon confertus*	A1	10.8	366.4	3.2	None	No proposed TPZ encroachment.	Retain and protect
229a	*Melaleuca bracteata*	A1	3.8	46.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
229b	*Melaleuca bracteata*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
230	*Pinus radiata*	Z3	9.0	254.5	3.0	None	No proposed TPZ encroachment.	Retain and protect
231	*Eriobotrya japonica*	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
232	*Olea europaea*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
233	*Olea europaea*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
234	*Lophostemon confertus*	A1	6.0	113.1	2.5	None	No proposed TPZ encroachment.	Retain and protect
235	*Pittosporum undulatum*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
236	*Acmena smithii var. minor*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
237	*Banksia integrefolia*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
238	*Cupressus sempervirens*	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
239	*Cupressus sempervirens*	A1	5.9	108.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
240	*Cupressus sempervirens*	A1	5.8	104.2	2.5	None	No proposed TPZ encroachment.	Retain and protect
241	*Cupressus torulosa*	A1	4.6	65.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
243a	*Persea gratissima*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
244	*Acer palmatum*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
245	*Eucalyptus spp*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
246	*Callistemon viminalis*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
249	*Magnolia grandiflora*	A2	10.8	366.4	3.2	None	No proposed TPZ encroachment.	Retain and protect
250	*Cinnamomum camphora*	A1	14.4	651.4	3.6	None	No proposed TPZ encroachment.	Retain and protect
251	*Citrus spp*	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
252	*Ligustrum sinense*	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
253	*Cestrum parqui*	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
254	*Unknown spp*	Z4	5.8	104.2	2.4	None	No proposed TPZ encroachment.	Retain and protect
255	*Nerium oleander*	Z1	4.2	55.4	2.1	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 24% (13.3m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. However, Arcadis have advised that no fence posts will be located within the SRZ and extended panels will be utilised. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
256	*Nerium oleander*	Z1	3.0	28.3	1.8	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
257	*Jacaranda mimosifolia*	A1	4.8	73.5	2.4	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 26% (18.8m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. However, Arcadis have advised that no fence posts will be located within the SRZ and	Retain and protect*

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
							extended panels will be utilised. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	
258	*Callistemon viminalis*	A1	4.0	49.3	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
259	*Callistemon viminalis*	A1	4.0	49.3	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
260	*Cinnamomum camphora*	Z3	6.0	113.1	2.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
261	*Callistemon viminalis*	A1	4.2	55.4	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
262	*Cinnamomum camphora*	Z3	15.0	706.9	3.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
263	*Cinnamomum camphora*	Z3	3.7	44.1	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
264	*Cinnamomum camphora*	Z3	4.8	72.4	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
265	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
266	*Pittosporum undulatum*	Z1	4.8	72.4	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
267	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
268	*Pittosporum undulatum*	Z1	4.2	55.4	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
269	*Callistemon viminalis*	Z1	2.0	12.6	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
270	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
271	*Callistemon viminalis*	Z1	2.3	16.8	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
272	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
273	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
274	*Ligustrum lucidum*	Z3	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
275	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
276	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
277	*Cotoneaster spp*	Z1	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
278	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
279	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
280	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
281	*Cotoneaster spp*	Z1	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
282	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
283	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
284	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
285	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
286	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
287	*Acacia spp*	Z9	2.3	16.3	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
288	*Glochidion ferdinandi*	Z9	5.4	91.6	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
289	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
290	*Acacia spp*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
291	*Glochidion ferdinandi*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
292	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
G6	*Glochidion ferdinandi*	Z9	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
293	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
294	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
295	*Pittosporum undulatum*	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
296	*Cinnamomum camphora*	Z3	5.6	96.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
297	*Casuarina glauca*	Z9	2.2	14.7	1.6	None	No proposed TPZ encroachment.	Retain and protect
298	*Casuarina glauca*	Z9	2.7	22.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
299	*Casuarina glauca*	Z9	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
300	*Casuarina glauca*	Z9	5.8	104.2	2.5	None	No proposed TPZ encroachment.	Retain and protect
301	*Melaleuca styphelioides*	A1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
302	*Callistemon viminalis*	Z1	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
303	*Melaleuca styphelioides*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
304	*Eucalyptus elata*	A1	3.2	33.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
304a	*Cupressus torulosa*	A1	6.4	127.1	2.5	None	No proposed TPZ encroachment.	Retain and protect
305	*Acacia spp*	Z4	4.1	52.3	2.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
306	*Pittosporum undulatum*	Z1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
307	*Cupressus torulosa*	A1	6.0	113.1	2.6	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
308	*Cupressus torulosa*	A1	6.0	113.1	2.6	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
309	*Camellia japonica*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
367	*Casuarina glauca*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
368	*Casuarina glauca*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
369	*Casuarina glauca*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
370	*Casuarina glauca*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
371	*Casuarina glauca*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
372	*Casuarina glauca*	A1	5.9	108.6	2.6	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
373	*Casuarina glauca*	A1	4.9	76.0	2.3	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
409	*Triadica sebifera*	A2	3.8	45.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
410	*Triadica sebifera*	A2	5.0	79.8	2.3	None	No proposed TPZ encroachment.	Retain and protect
414	*Lagunaria patersonia*	A2	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
415	*Melaleuca quinquenervia*	Z10	9.6	289.5	3.1	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 17% (48.7m²) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
418	*Eucalyptus nicholii*	Z10	6.2	122.3	2.6	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
421	*Triadica sebifera*	Z10	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
422	*Melaleuca quinquenervia*	Z10	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
423	*Lagunaria patersonia*	A2	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
424	*Liquidambar styraciflua*	Z3	4.0	49.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
425	*Liquidambar styraciflua*	Z3	4.9	76.0	2.3	None	No proposed TPZ encroachment.	Retain and protect
431	*Melaleuca quinquenervia*	A1	9.4	275.2	3.1	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
437	*Liquidambar styraciflua*	Z3	5.3	87.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
445	*Melaleuca quinquenervia*	A1	9.0	254.5	3.0	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
452	*Eucalyptus nicholii*	Z9	6.1	117.7	2.6	None	No proposed TPZ encroachment.	Retain and protect
455	*Triadica sebifera*	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
458	*Lagunaria patersonia*	A2	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
459	*Triadica sebifera*	A2	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
461	*Triadica sebifera*	A2	4.3	58.9	2.5	None	No proposed TPZ encroachment.	Retain and protect
462	*Triadica sebifera*	A2	3.6	40.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
466	*Triadica sebifera*	A2	3.7	44.2	2.3	None	No proposed TPZ encroachment.	Retain and protect
469	*Triadica sebifera*	A1	4.4	61.9	2.2	None	No proposed TPZ encroachment.	Retain and protect
472	*Triadica sebifera*	A1	4.2	56.1	2.3	None	No proposed TPZ encroachment.	Retain and protect
476	*Melaleuca quinquenervia*	Z9	9.0	254.5	3.2	None	No proposed TPZ encroachment.	Retain and protect
477	*Triadica sebifera*	A1	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
478	*Triadica sebifera*	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
479	*Triadica sebifera*	A1	3.2	33.0	1.9	None	No proposed TPZ encroachment.	Retain and protect
481	*Eucalyptus nicholii*	Z3	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
483	*Lagunaria patersonia*	A2	4.2	55.4	2.2	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
484	*Triadica sebifera*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
485	*Cinnamomum camphora*	Z9	4.9	76.0	2.3	None	No proposed TPZ encroachment.	Retain and protect
486	*Triadica sebifera*	Z9	2.6	21.8	2.0	None	No proposed TPZ encroachment.	Retain and protect
487	*Triadica sebifera*	A2	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
488	*Triadica sebifera*	A2	2.5	19.0	1.9	None	No proposed TPZ encroachment.	Retain and protect
489	*Eucalyptus nicholii*	Z3	7.7	185.3	2.8	None	No proposed TPZ encroachment.	Retain and protect
490	*Liquidambar styraciflua*	Z3	4.7	68.8	2.3	None	No proposed TPZ encroachment.	Retain and protect
491	*Liquidambar styraciflua*	Z3	5.5	95.7	2.4	None	No proposed TPZ encroachment.	Retain and protect
492	*Eucalyptus nicholii*	Z3	11.0	382.9	3.3	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
493	*Liquidambar styraciflua*	Z3	5.5	95.7	2.4	None	No proposed TPZ encroachment.	Retain and protect
494	*Liquidambar styraciflua*	Z3	4.9	76.0	2.3	None	No proposed TPZ encroachment.	Retain and protect
495	*Liquidambar styraciflua*	Z3	5.2	83.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
496	*Liquidambar styraciflua*	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
497	*Liquidambar styraciflua*	Z3	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
498	*Liquidambar styraciflua*	Z3	6.0	113.1	2.6	Footprint	The trunk of the tree is located within the footprint of the proposed Campsie crossover access track construction.	Remove
503	*Casuarina spp*	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
508	*Acacia parramattensis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
510	*Acacia parramattensis*	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
511	*Melaleuca armillaris*	A1	3.2	31.2	2.4	Major	The proposed security fence will encroach into the TPZ by 15% (4.6m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
512	*Grevillea robusta*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
513	*Grevillea robusta*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
514	*Celtis sinensis*	Z3	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
515	*Cotoneaster spp*	Z1	2.0	12.6	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
526	*Callistemon viminalis*	A2	5.4	91.6	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
527	*Callistemon viminalis*	A2	7.2	162.9	2.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
528	*Callistemon viminalis*	A2	4.1	52.3	2.2	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
529	*Callistemon viminalis*	A2	4.7	68.8	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
530	*Callistemon viminalis*	A2	4.3	58.1	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
531	*Callistemon viminalis*	A2	5.5	95.7	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
532	*Morus nigra*	Z3	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
533	*Callistemon viminalis*	A2	5.3	87.6	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
534	*Callistemon viminalis*	A2	6.5	131.9	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
535	*Syncarpia glomulifera*	Z1	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
536	*Eucalyptus nicholii*	Z3	9.5	282.3	3.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
537	*Syncarpia glomulifera*	A1	2.4	18.1	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
538	*Syncarpia glomulifera*	A1	2.4	18.1	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
539	*Acacia longifolia*	Z1	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
540	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
541	*Acacia longifolia*	Z1	2.2	15.7	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
542	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
543	*Acacia longifolia*	Z1	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
544	*Eucalyptus scoparia*	Z3	8.8	241.1	2.9	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
740	*Eucalyptus microcorys*	A1	10.2	326.9	3.2	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
741	*Eucalyptus microcorys*	A1	6.0	113.1	2.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
742	*Eriobotrya japonica*	Z3	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
743	*Eucalyptus cinerea*	Z10	4.8	72.4	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
744	*Eucalyptus microcorys*	A1	8.6	234.5	3.2	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
745	*Elaeocarpus reticulatus*	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
746	*Melaleuca bracteata*	A1	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
747	*Jacaranda mimosifolia*	A2	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
748	*Callistemon viminalis*	A1	4.8	71.3	2.5	None	No proposed TPZ encroachment.	Retain and protect
749	*Callistemon viminalis*	Z4	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
750	*Mangifera indica*	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
751	*Cupressus macrocarpa*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
752	*Cupressus macrocarpa*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
753	*Cupressus macrocarpa*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
754	*Grevillea robusta*	A2	7.2	162.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
755	*Stenocarpus sinuatus*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
756	*Castanea sativa*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
757	*Morus nigra*	Z3	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
758	*Banksia integrefolia*	A1	2.4	18.1	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
759	*Syncarpia glomulifera*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
760	*Mangifera indica*	A1	3.3	33.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
761	*Mangifera indica*	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
762	*Jacaranda mimosifolia*	A1	4.9	76.2	2.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
763	*Araucaria columnaris*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
764	*Callistemon viminalis*	A1	5.7	102.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
765	*Corymbia ficifolia*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
766	*Melaleuca bracteata*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
767	*Angophora costata*	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
768	*Acacia spp*	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
769	*Jacaranda mimosifolia*	Z1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
770	*Citrus x limon*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
771	*Ficus carica*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
772	*Livistona australis*	A1	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
773	*Cinnamomum camphora*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
774	*Cotoneaster spp*	Z1	3.0	28.3	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
775	*Ligustrum lucidum*	Z3	3.6	40.7	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
776	*Glochidion ferdinandi*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
777	*Glochidion ferdinandi*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
778	*Glochidion ferdinandi*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
779	*Celtis sinensis*	Z3	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
780	*Acacia longifolia*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
781	*Acer buergeranum*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
782	*Acacia parramattensis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
783	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
784	*Triadica sebifera*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
785	*Cinnamomum camphora*	Z10	10.9	375.5	4.2	Major	The proposed security fence will encroach into the TPZ by 39% (147.4㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
786	*Casuarina cunninghamiana*	A2	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
787	*Casuarina cunninghamiana*	A1	8.2	209.2	3.3	None	No proposed TPZ encroachment.	Retain and protect
788	*Cinnamomum camphora*	Z10	11.5	413.9	3.7	Major	The proposed security fence will encroach into the TPZ by 38% (159.3㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
789	*Cinnamomum camphora*	Z10	10.9	373.2	3.8	Major	The proposed security fence will encroach into the TPZ by 36% (135.5m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
790	*Cinnamomum camphora*	Z10	12.6	498.8	3.6	Major	The proposed security fence will encroach into the TPZ by 39% (197m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
791	*Cinnamomum camphora*	Z5	15.0	706.9	3.9	Major	The proposed security fence will encroach into the TPZ by 38% (271.4m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is displaying poor structure and should not be a constraint to the development.	Remove
792	*Cinnamomum camphora*	Z10	10.2	326.9	3.2	Major	The proposed security fence will encroach into the TPZ by 35% (114.5m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is displaying poor structure and should not be a constraint to the development.	Remove
793	*Casuarina glauca*	A1	5.5	95.7	2.5	None	No proposed TPZ encroachment.	Retain and protect
794	*Casuarina glauca*	Z10	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
795	*Casuarina glauca*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
796	*Cinnamomum camphora*	Z10	9.6	289.5	3.1	Major	The proposed security fence and CSR will encroach into the TPZ by 33% (95.6m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove
797	*Casuarina cunninghamiana*	A1	7.0	152.2	2.8	Minor	The tree is located outside the site boundary. The proposed Campsie Hi-rail pad construction will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
798	*Casuarina cunninghamiana*	A1	7.2	162.9	2.8	Minor	The tree is located outside the site boundary. The proposed Campsie Hi-rail pad construction will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
799	*Casuarina cunninghamiana*	A1	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
800	*Casuarina cunninghamiana*	A1	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
801	*Casuarina cunninghamiana*	Z10	6.6	136.8	2.8	Minor	The proposed Campsie Hi-rail pad construction will encroach into the TPZ by less than 5% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
802	*Casuarina cunninghamiana*	A1	7.8	191.1	2.9	None	No proposed TPZ encroachment.	Retain and protect
803	*Casuarina cunninghamiana*	A1	8.3	215.4	3.0	None	No proposed TPZ encroachment.	Retain and protect
804	*Lophostemon confertus*	A1	9.0	254.5	3.1	None	No proposed TPZ encroachment.	Retain and protect
805	*Triadica sebifera*	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
806	*Cinnamomum camphora*	Z3	3.0	29.1	2.2	None	No proposed TPZ encroachment.	Retain and protect
807	*Cinnamomum camphora*	Z3	3.2	31.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
808	*Corymbia maculata*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
809	*Callistemon viminalis*	Z1	2.5	19.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
810	*Triadica sebifera*	Z1	2.1	13.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
811	*Cinnamomum camphora*	Z3	2.5	19.2	2.0	None	No proposed TPZ encroachment.	Retain and protect
812	*Jacaranda mimosifolia*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
813	*Cinnamomum camphora*	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
814	*Cinnamomum camphora*	Z3	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
815	*Ulmus parviflora*	Z1	2.0	12.6	1.5	Major	The proposed security fence will encroach into the TPZ by 19% (2.4㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove
816	*Cinnamomum camphora*	Z3	2.7	22.6	2.3	Major	The proposed security fence will encroach into the TPZ by 19% (4.4㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
817	*Ulmus parviflora*	Z1	2.0	12.6	1.8	Major	The proposed security fence will encroach into the TPZ by 24% (3㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove
818	*Cinnamomum camphora*	Z3	6.0	113.1	2.5	Major	The proposed security fence will encroach into the TPZ by 28% (31.2㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
819	*Cinnamomum camphora*	Z3	7.2	162.9	3.6	Major	The proposed security fence will encroach into the TPZ by 44% (71.4㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
820	*Cinnamomum camphora*	Z3	4.8	72.4	2.3	Major	The proposed security fence will encroach into the TPZ by 37% (27.1㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
821	*Cinnamomum camphora*	Z3	3.6	40.7	2.0	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
822	*Cinnamomum camphora*	Z3	4.2	55.4	2.1	Major	The proposed security fence will encroach into the TPZ by 24% (13.3㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
823	*Ligustrum lucidum*	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
824	*Cinnamomum camphora*	Z3	5.4	91.6	2.4	Major	The proposed security fence will encroach into the TPZ by 25% (23.2㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
825	*Cinnamomum camphora*	Z3	6.0	113.1	2.5	Major	The proposed security fence will encroach into the TPZ by 22% (25.3㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
826	*Cinnamomum camphora*	Z3	4.2	55.4	2.1	Major	The proposed security fence will encroach into the TPZ by 22% (12.1㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
827	*Morus nigra*	Z3	4.2	55.4	2.1	Major	The proposed security fence will encroach into the TPZ by 40% (22㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
828	*Acacia longifolia*	Z1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
829	*Morus nigra*	Z3	3.0	28.3	2.0	Major	The proposed security fence will encroach into the TPZ by 39% (11㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
830	*Acacia longifolia*	Z1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
831	*Lophostemon confertus*	A2	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
832	*Phoenix canariensis*	Z3	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
833	*Phoenix canariensis*	Z3	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
834	*Cinnamomum camphora*	Z3	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
835	*Lophostemon confertus*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
836	*Olea europaea subsp. cuspidata*	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
837	*Olea europaea subsp. cuspidata*	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
838	*Fraxinus raywood*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
839	*Lophostemon confertus*	A1	2.5	20.0	1.9	None	No proposed TPZ encroachment.	Retain and protect
840	*Phoenix canariensis*	Z3	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
841	*Cinnamomum camphora*	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
842	*Phoenix canariensis*	Z3	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
843	*Cinnamomum camphora*	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
844	*Podocarpus elatus*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
845	*Lophostemon confertus*	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
846	*Podocarpus elatus*	A1	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
847	*Cinnamomum camphora*	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
848	*Lophostemon confertus*	A1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
849	*Lophostemon confertus*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
850	*Lophostemon confertus*	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
851	*Fraxinus raywood*	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
852	*Eucalyptus spp*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
853	*Eucalyptus saligna*	A1	6.5	131.0	2.8	None	No proposed TPZ encroachment.	Retain and protect
854	*Eucalyptus saligna*	A1	6.1	117.4	2.7	None	No proposed TPZ encroachment.	Retain and protect
855	*Casuarina glauca*	A1	2.4	18.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
856	*Eucalyptus saligna*	A1	4.8	71.3	2.5	None	No proposed TPZ encroachment.	Retain and protect
857	*Eucalyptus camaldulensis*	A4	14.4	651.4	3.8	None	No proposed TPZ encroachment.	Retain and protect
858	*Triadica sebifera*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
859	*Fraxinus raywood*	Z1	2.6	21.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
860	*Triadica sebifera*	Z4	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
861	*Triadica sebifera*	Z1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
862	*Triadica sebifera*	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
863	*Eucalyptus saligna*	A1	7.7	185.3	2.9	None	No proposed TPZ encroachment.	Retain and protect
864	*Lagerstroemia indica*	A1	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
865	*Leptospermum petersonii*	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
866	*Triadica sebifera*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
867	*Phoenix canariensis*	Z3	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
868	*Callistemon viminalis*	A1	3.4	36.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
869	*Lophostemon confertus*	A1	11.4	408.3	3.3	None	No proposed TPZ encroachment.	Retain and protect
870	*Leptospermum petersonii*	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
871	*Unknown spp*	Z4	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
872	*Triadica sebifera*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
873	*Triadica sebifera*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
874	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
875	*Leptospermum petersonii*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
876	*Lophostemon confertus*	A1	5.8	104.2	2.7	None	No proposed TPZ encroachment.	Retain and protect
877	*Phoenix canariensis*	Z3	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
878	*Eucalyptus spp*	A1	6.5	131.2	3.2	None	No proposed TPZ encroachment.	Retain and protect
879	*Eucalyptus botryoides*	A1	7.2	164.0	3.6	None	No proposed TPZ encroachment.	Retain and protect
880	*Eucalyptus paniculata*	A1	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
881	*Leptospermum petersonii*	Z1	2.2	14.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
882	*Lophostemon confertus*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
883	*Eucalyptus nicholii*	Z3	6.4	130.0	2.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
884	*Eucalyptus spp*	A1	4.0	49.3	2.2	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
885	*Eucalyptus robusta*	A1	9.8	304.2	3.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
886	*Eucalyptus paniculata*	A1	3.1	30.6	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
887	*Leptospermum petersonii*	Z1	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
888	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
889	*Eucalyptus robusta*	A2	10.8	366.4	3.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
890	*Callistemon viminalis*	A1	3.4	36.2	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
891	*Eucalyptus spp*	A1	4.9	76.0	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
892	*Leptospermum petersonii*	Z4	4.2	56.5	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
893	*Lophostemon confertus*	A1	3.2	32.8	2.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
894	*Callistemon viminalis*	Z1	2.0	12.6	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
895	*Leptospermum petersonii*	Z4	3.1	30.5	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
896	*Eucalyptus paniculata*	A1	5.4	91.6	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
897	*Callistemon viminalis*	Z1	2.4	18.1	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
898	*Leptospermum petersonii*	A1	3.5	39.5	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
899	*Eucalyptus paniculata*	A1	4.9	76.0	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
900	*Phoenix canariensis*	A1	3.0	28.3	NA	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
901	*Leptospermum petersonii*	Z1	2.2	14.7	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
902	*Leptospermum petersonii*	A1	4.3	58.8	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
903	*Leptospermum petersonii*	A1	3.8	46.3	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
904	*Callistemon viminalis*	Z1	2.4	18.1	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
905	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
906	*Leptospermum petersonii*	A1	2.5	20.0	1.9	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
907	*Callistemon viminalis*	Z1	2.4	18.1	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
908	*Eucalyptus paniculata*	A1	3.4	35.5	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
909	*Fraxinus raywood*	A1	3.4	35.5	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
910	*Fraxinus raywood*	A1	2.5	20.0	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
911	*Melaleuca quinquenervia*	A1	6.0	113.1	2.6	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 44% (50㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
912	*Syzygium spp*	A1	2.4	18.1	1.8	Major	The proposed security fence will encroach into the TPZ by 38% (6.9㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
913	*Callistemon viminalis*	A1	2.4	18.1	1.8	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 36% (6.5㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
914	*Melaleuca quinquenervia*	A1	4.3	58.6	2.3	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 40% (23.6㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
915	*Acacia spp*	A1	3.0	28.3	2.0	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 37% (10.5㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be	Remove* & #

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
							impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	
916	*Eucalyptus spp*	A1	4.8	72.4	2.4	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 35% (25.4㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
917	*Banksia integrefolia*	A1	2.4	18.1	1.8	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 30% (5.5㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
918	*Casuarina glauca*	A1	6.4	130.7	2.9	None	No proposed TPZ encroachment.	Retain and protect
919	*Callistemon viminalis*	A1	2.7	23.6	2.2	None	No proposed TPZ encroachment.	Retain and protect
920	*Callistemon viminalis*	A1	3.1	29.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
921	*Callistemon viminalis*	Z1	2.2	15.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
922	*Callistemon viminalis*	Z1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
923	*Callistemon viminalis*	A1	2.6	21.9	2.0	None	No proposed TPZ encroachment.	Retain and protect
924	*Eucalyptus spp*	A1	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
925	*Eucalyptus scoparia*	Z3	3.7	43.5	2.3	None	No proposed TPZ encroachment.	Retain and protect
926	*Eucalyptus scoparia*	Z3	4.9	76.0	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
927	*Lophostemon confertus*	A1	4.4	61.0	2.4	None	No proposed TPZ encroachment.	Retain and protect
928	*Lophostemon confertus*	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
929	*Eucalyptus scoparia*	Z3	3.2	33.0	2.2	None	No proposed TPZ encroachment.	Retain and protect
930	*Lophostemon confertus*	A1	5.9	108.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
931	*Lophostemon confertus*	A1	5.0	79.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
932	*Callistemon viminalis*	A1	3.7	43.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
933	*Callistemon viminalis*	A1	5.5	96.4	2.7	None	No proposed TPZ encroachment.	Retain and protect
934	*Callistemon viminalis*	A1	3.2	33.0	2.2	None	No proposed TPZ encroachment.	Retain and protect
935	*Callistemon viminalis*	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
936	*Callistemon viminalis*	A1	4.0	50.9	2.3	None	No proposed TPZ encroachment.	Retain and protect
937	*Lophostemon confertus*	A1	3.5	38.0	2.2	None	No proposed TPZ encroachment.	Retain and protect
938	*Lophostemon confertus*	A1	4.7	68.8	2.6	None	No proposed TPZ encroachment.	Retain and protect
939	*Callistemon viminalis*	A1	5.1	81.4	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
940	*Lophostemon confertus*	A1	3.2	33.0	2.2	None	No proposed TPZ encroachment.	Retain and protect
941	*Lophostemon confertus*	A1	7.4	173.9	2.9	None	No proposed TPZ encroachment.	Retain and protect
942	*Lophostemon confertus*	A1	5.8	104.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
943	*Lophostemon confertus*	A1	4.3	58.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
944	*Lophostemon confertus*	A1	6.4	127.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
945	*Lophostemon confertus*	A1	5.3	87.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
946	*Lophostemon confertus*	A1	5.6	99.9	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
947	*Lophostemon confertus*	A1	5.4	91.6	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
948	*Lophostemon confertus*	A1	5.5	95.7	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
949	*Lophostemon confertus*	A1	5.3	87.0	2.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
950	*Lophostemon confertus*	A1	4.3	58.6	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
951	*Lophostemon confertus*	A1	4.8	72.4	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
952	*Lophostemon confertus*	A1	7.8	191.1	2.9	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
953	*Lophostemon confertus*	A1	8.9	247.7	3.2	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
954	*Lophostemon confertus*	A1	5.2	83.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
955	*Lophostemon confertus*	A1	6.2	122.3	2.7	None	No proposed TPZ encroachment.	Retain and protect
956	*Lophostemon confertus*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
957	*Lophostemon confertus*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
958	*Lophostemon confertus*	A1	7.3	168.3	2.8	None	No proposed TPZ encroachment.	Retain and protect
959	*Lophostemon confertus*	A1	8.9	247.7	3.0	None	No proposed TPZ encroachment.	Retain and protect
960	*Lophostemon confertus*	A1	5.6	99.9	2.5	None	No proposed TPZ encroachment.	Retain and protect
961	*Acacia longifolia*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
962	*Acacia longifolia*	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
963	*Acacia longifolia*	Z1	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
964	*Acacia longifolia*	Z1	2.2	15.7	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
965	*Acacia longifolia*	Z1	3.6	40.7	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
966	*Afrocarpus falcatus*	A1	8.6	234.5	3.0	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
967	*Acacia longifolia*	Z4	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
968	*Triadica sebifera*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
969	*Cinnamomum camphora*	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
970	*Cinnamomum camphora*	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
971	*Unknown spp*	A1	6.6	136.8	3.2	None	No proposed TPZ encroachment.	Retain and protect
972	*Melaleuca styphelioides*	A1	10.2	325.7	3.6	None	No proposed TPZ encroachment.	Retain and protect
973	*Lophostemon confertus*	A1	7.2	162.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
974	*Cinnamomum camphora*	Z3	3.5	38.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
975	*Lophostemon confertus*	A1	10.9	370.7	3.4	None	No proposed TPZ encroachment.	Retain and protect
976	*Cinnamomum camphora*	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
977	*Cinnamomum camphora*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
978	*Cinnamomum camphora*	Z3	2.5	20.0	1.9	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
979	*Cinnamomum camphora*	Z3	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
980	*Pittosporum undulatum*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
981	*Schinus molle*	A1	6.6	136.8	2.7	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
982	*Ligustrum sinense*	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
983	*Cinnamomum camphora*	Z3	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
984	*Pittosporum undulatum*	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
985	*Cinnamomum camphora*	Z3	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
986	*Cinnamomum camphora*	Z3	2.6	21.9	2.0	None	No proposed TPZ encroachment.	Retain and protect
987	*Schinus molle*	A1	9.6	289.5	3.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
988	*Schinus molle*	A1	7.0	153.8	3.0	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
989	*Schinus molle*	A1	13.2	547.4	3.6	Major	The proposed security fence will encroach into the TPZ by 12% (66.5m^2) but not into the SRZ. This is just 2% over the threshold for minor TPZ encroachment. The tree was displaying good health during the site inspection, indicating the tree has the capacity to tolerate some root disturbance. Therefore, the proposed works will not significantly impact the condition of the tree.	Retain and protect
990	*Melaleuca styphelioides*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
991	*Schinus molle*	A1	5.5	95.7	2.6	None	No proposed TPZ encroachment.	Retain and protect
992	*Cinnamomum camphora*	A1	5.1	82.9	2.6	None	No proposed TPZ encroachment.	Retain and protect
993	*Cinnamomum camphora*	Z4	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
994	*Cinnamomum camphora*	A1	5.3	87.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
995	*Schinus molle*	A1	8.5	228.5	3.3	None	No proposed TPZ encroachment.	Retain and protect
996	*Corymbia eximia*	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
997	*Schinus molle*	A1	7.5	177.5	2.9	None	No proposed TPZ encroachment.	Retain and protect
998	*Schinus molle*	A1	7.6	183.2	3.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
999	*Schinus molle*	Z4	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
1000	*Lophostemon confertus*	A1	11.4	408.3	3.3	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1001	*Lophostemon confertus*	A1	6.2	122.3	2.7	None	No proposed TPZ encroachment.	Retain and protect
1002	*Lophostemon confertus*	A1	8.4	221.7	3.0	None	No proposed TPZ encroachment.	Retain and protect
1003	*Cinnamomum camphora*	Z3	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1004	*Lophostemon confertus*	A1	10.0	311.7	3.3	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1005	*Brachychiton acerifolius*	Z10	3.0	28.1	2.4	None	No proposed TPZ encroachment.	Retain and protect
1006	*Lophostemon confertus*	A1	9.0	254.5	3.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1007	*Cinnamomum camphora*	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1008	*Lophostemon confertus*	A1	12.6	498.8	3.6	Major	The proposed security fence will encroach into the TPZ by 16% (78.7m²) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1009	*Acacia longifolia*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1010	*Populus nigra 'Italica'*	Z3	8.4	221.7	2.9	None	No proposed TPZ encroachment.	Retain and protect
1011	*Schinus molle*	A1	6.0	113.1	2.6	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1012	*Cinnamomum camphora*	A1	12.6	498.8	3.6	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 24% (119.5m²) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1013	*Acacia longifolia*	Z1	2.3	16.3	1.7	None	No proposed TPZ encroachment.	Retain and protect
1014	*Acacia longifolia*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1015	*Lophostemon confertus*	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1016	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1017	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1018	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1019	*Acacia longifolia*	A1	2.8	23.9	2.0	None	No proposed TPZ encroachment.	Retain and protect
1020	*Populus nigra 'Italica'*	Z3	5.4	91.6	2.7	None	No proposed TPZ encroachment.	Retain and protect
1021	*Acacia longifolia*	A1	6.5	131.2	2.7	Major	The proposed security fence will encroach into the TPZ by 16% (20.4m²) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1022	*Populus nigra 'Italica'*	Z3	4.8	72.4	2.6	None	No proposed TPZ encroachment.	Retain and protect
1023	*Populus nigra 'Italica'*	Z3	3.5	38.0	2.4	None	No proposed TPZ encroachment.	Retain and protect
1024	*Populus nigra 'Italica'*	Z3	6.1	117.7	2.7	None	No proposed TPZ encroachment.	Retain and protect
1025	*Lophostemon confertus*	A1	6.6	136.8	2.7	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 18% (25.1m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1026	*Cinnamomum camphora*	Z3	3.4	36.2	2.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1027	*Lophostemon confertus*	A1	4.2	55.4	2.5	None	No proposed TPZ encroachment.	Retain and protect
1028	*Populus nigra 'Italica'*	Z3	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1029	*Acacia longifolia*	A1	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
1030	*Acacia longifolia*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1031	*Lophostemon confertus*	A1	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1032	*Acacia longifolia*	Z1	2.5	20.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1033	*Callistemon viminalis*	Z9	3.0	27.7	2.5	None	No proposed TPZ encroachment.	Retain and protect
1034	*Acacia longifolia*	Z1	2.9	27.1	2.1	None	No proposed TPZ encroachment.	Retain and protect
1035	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1036	*Populus nigra 'Italica'*	Z3	3.1	30.6	2.2	None	No proposed TPZ encroachment.	Retain and protect
1037	*Lophostemon confertus*	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1038	*Populus nigra 'Italica'*	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1039	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1040	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1041	*Lophostemon confertus*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1042	*Populus nigra 'Italica'*	Z3	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1043	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1044	*Acacia longifolia*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1045	*Acacia longifolia*	Z4	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1046	*Afrocarpus falcatus*	A1	7.0	152.2	2.7	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 24% (36.7㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1047	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1048	*Lophostemon confertus*	A1	4.6	65.3	2.3	Major	The proposed security fence will encroach into the TPZ by 38% (25.1㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1049	*Acacia longifolia*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1050	*Populus nigra 'Italica'*	Z3	4.8	72.4	2.4	Major	The proposed security fence will encroach into the TPZ by 40% (28.6㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
1051	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1052	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1053	*Lophostemon confertus*	A2	8.4	221.7	2.8	Major	The proposed security fence will encroach into the TPZ by 44% (97.7㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1054	*Populus nigra 'Italica'*	Z3	3.2	33.0	2.0	Major	The proposed security fence will encroach into the TPZ by 36% (12m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
1055	*Jacaranda mimosifolia*	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1056	*Casuarina glauca*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1057	*Casuarina glauca*	A1	2.6	21.8	1.8	None	No proposed TPZ encroachment.	Retain and protect
1058	*Casuarina glauca*	A1	4.6	65.3	2.4	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1059	*Lophostemon confertus*	A1	5.6	99.9	2.6	Major	The proposed security fence will encroach into the TPZ by 43% (42.5m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1060	*Lophostemon confertus*	A1	5.6	99.9	2.6	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 16% (15.5m²) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1061	*Lophostemon confertus*	A2	8.9	247.7	3.0	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1062	*Melaleuca styphelioides*	A1	6.3	123.0	2.7	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1063	*Lophostemon confertus*	A2	6.2	122.3	2.7	Major	The proposed security fence will encroach into the TPZ by 18% (22.3m²) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1064	*Auranticarpa rhombifolia*	A2	3.6	40.7	2.0	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1065	*Auranticarpa rhombifolia*	A2	3.0	28.3	1.8	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1066	*Auranticarpa rhombifolia*	A1	3.0	28.7	2.0	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1067	*Melaleuca styphelioides*	A1	8.5	226.2	3.4	Major	The proposed security fence will encroach into the TPZ by 24% (54.2m²) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed security fence must be installed in accordance with section 9.2 of this report.	Retain and protect*
1068	*Auranticarpa rhombifolia*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1069	*Auranticarpa rhombifolia*	A1	3.1	29.7	2.1	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1070	*Jacaranda mimosifolia*	A2	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
1071	*Lophostemon confertus*	A1	7.9	197.1	2.9	Major	The proposed security fence will encroach into the TPZ by 31% (60.4m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1072	*Acacia longifolia*	Z4	2.4	18.1	1.8	Major	The proposed security fence will encroach into the TPZ by 22% (3.9m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove
1073	*Acacia longifolia*	A1	3.6	40.7	2.0	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1074	*Quercus palustris*	A1	8.4	221.7	2.9	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1075	*Eucalyptus saligna*	A1	7.9	197.1	2.9	None	No proposed TPZ encroachment.	Retain and protect
1076	*Quercus palustris*	A1	7.8	191.1	2.8	None	No proposed TPZ encroachment.	Retain and protect
1077	*Eucalyptus saligna*	A1	10.2	326.9	3.4	None	No proposed TPZ encroachment.	Retain and protect
1078	*Quercus palustris*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1079	*Schinus molle*	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1080	*Eucalyptus saligna*	A2	10.2	326.9	3.2	None	No proposed TPZ encroachment.	Retain and protect
1081	*Pittosporum undulatum*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1082	*Quercus palustris*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1083	*Schinus molle*	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
1084	*Quercus palustris*	A1	7.2	162.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1085	*Cinnamomum camphora*	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1086	*Schinus molle*	A1	7.2	162.9	2.9	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1087	*Eucalyptus robusta*	Z9	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
1088	*Pittosporum undulatum*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
1089	*Quercus palustris*	A1	7.5	175.2	3.2	None	No proposed TPZ encroachment.	Retain and protect
1090	*Eucalyptus saligna*	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1091	*Quercus palustris*	Z4	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1092	*Eucalyptus saligna*	A1	10.4	342.4	3.3	None	No proposed TPZ encroachment.	Retain and protect
1093	*Quercus palustris*	Z5	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
1094	*Eucalyptus saligna*	Z9	2.0	12.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
1095	*Eucalyptus saligna*	Z9	8.5	228.0	3.1	None	No proposed TPZ encroachment.	Retain and protect
1096	*Angophora costata*	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
1097	*Eucalyptus saligna*	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1098	*Eucalyptus robusta*	Z1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1099	*Angophora costata*	Z4	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1100	*Angophora costata*	A2	4.0	50.9	2.5	None	No proposed TPZ encroachment.	Retain and protect
1101	*Angophora costata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1102	*Angophora costata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1103	*Angophora costata*	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1104	*Schefflera actinophylla*	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1105	*Cinnamomum camphora*	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
1106	*Eucalyptus spp*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1107	*Angophora costata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1108	*Angophora costata*	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1109	*Angophora costata*	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
1110	*Angophora costata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1111	*Angophora costata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1112	*Eucalyptus saligna*	A1	6.2	122.3	2.9	None	No proposed TPZ encroachment.	Retain and protect
1113	*Lophostemon confertus*	A1	7.7	185.5	3.2	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1114	*Eucalyptus saligna*	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1115	*Eucalyptus saligna*	A1	7.8	191.1	3.0	Minor	The proposed security fence will encroach into the TPZ by 10% (19.5m^2) and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1116	*Lophostemon confertus*	A1	4.4	60.3	2.6	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1117	*Eucalyptus spp*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1118	*Eucalyptus spp*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1119	*Lophostemon confertus*	A1	6.6	136.8	2.8	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1120	*Eucalyptus spp*	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1121	*Eucalyptus robusta*	A1	3.9	48.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
1122	*Brachychiton populneus*	A1	4.3	58.6	2.3	Major	The proposed security fence will encroach into the TPZ by 35% (20.6m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1123	*Populus nigra 'Italica'*	Z3	3.0	28.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
1124	*Eucalyptus punctata*	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1125	*Eucalyptus spp*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1126	*Eucalyptus saligna*	A1	5.9	110.9	2.9	Major	The proposed security fence will encroach into the TPZ by 32% (35.7m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1127	*Quercus robur*	A1	4.4	61.9	2.3	None	No proposed TPZ encroachment.	Retain and protect
1128	*Eucalyptus saligna*	A2	10.6	350.3	3.3	Major	The proposed security fence will encroach into the TPZ by 12% (40.5m^2) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. However, this is just over the threshold of minor TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
1129	*Eucalyptus saligna*	Z4	3.6	40.7	2.4	None	No proposed TPZ encroachment.	Retain and protect
1130	*Populus nigra 'Italica'*	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1131	*Eucalyptus saligna*	A1	4.3	58.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
1132	*Populus nigra 'Italica'*	Z3	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
1133	*Eucalyptus saligna*	A3	6.5	131.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1134	*Eucalyptus punctata*	A1	13.2	547.4	3.7	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1135	*Populus nigra 'Italica'*	Z3	6.0	113.1	2.8	None	No proposed TPZ encroachment.	Retain and protect
1136	*Populus nigra 'Italica'*	Z3	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
1137	*Populus nigra 'Italica'*	Z3	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
1138	*Populus nigra 'Italica'*	Z3	3.6	40.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
1139	*Populus nigra 'Italica'*	Z3	3.6	40.7	2.4	None	No proposed TPZ encroachment.	Retain and protect
1140	*Populus nigra 'Italica'*	Z3	3.4	35.5	2.5	None	No proposed TPZ encroachment.	Retain and protect
1141	*Eucalyptus punctata*	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1142	*Eucalyptus punctata*	A1	2.8	23.9	2.0	None	No proposed TPZ encroachment.	Retain and protect
1143	*Populus nigra 'Italica'*	Z4	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1144	*Populus nigra 'Italica'*	Z3	3.4	36.3	2.7	None	No proposed TPZ encroachment.	Retain and protect
1145	*Populus nigra 'Italica'*	Z5	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
1146	*Populus nigra 'Italica'*	Z5	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1147	*Eucalyptus punctata*	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1148	*Populus nigra 'Italica'*	Z3	5.9	108.6	2.8	None	No proposed TPZ encroachment.	Retain and protect
1149	*Eucalyptus punctata*	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1150	*Eucalyptus punctata*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1151	*Eucalyptus punctata*	A1	3.0	28.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
1152	*Eucalyptus nicholii*	Z3	7.2	162.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1153	*Triadica sebifera*	Z1	3.6	40.7	2.0	Major	The proposed security fence will encroach into the TPZ by 21% (8.6m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree small/young and should not be a constraint to the development.	Remove
1154	*Populus nigra 'Italica'*	Z5	4.8	72.4	2.3	Footprint	The trunk of the tree is located within the footprint of the security fence.	Remove
1155	*Populus nigra 'Italica'*	Z5	4.8	72.4	2.3	Footprint	The trunk of the tree is located within the footprint of the security fence.	Remove
1156	*Populus nigra 'Italica'*	Z5	4.8	72.4	2.3	Footprint	The trunk of the tree is located within the footprint of the security fence.	Remove

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1157	*Populus nigra 'Italica'*	Z5	4.2	55.4	2.1	Footprint	The trunk of the tree is located within the footprint of the security fence.	Remove
1158	*Populus nigra 'Italica'*	Z5	5.4	91.6	2.7	Footprint	The trunk of the tree is located within the footprint of the security fence.	Remove
1159	*Populus nigra 'Italica'*	Z1	2.0	12.6	1.5	Major	The proposed security fence will encroach into the TPZ by 38% (4.8m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
1160	*Populus nigra 'Italica'*	Z5	6.8	144.8	3.0	Footprint	The trunk of the tree is located within the footprint of the security fence.	Remove
1161	*Acacia longifolia*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the security fence.	Remove
1162	*Populus nigra 'Italica'*	Z5	4.8	72.4	2.3	Footprint	The trunk of the tree is located within the footprint of the security fence.	Remove
1163	*Populus nigra 'Italica'*	Z5	4.8	72.4	2.3	Footprint	The trunk of the tree is located within the footprint of the security fence.	Remove
1164	*Populus nigra 'Italica'*	Z5	3.6	40.7	2.0	Major	The proposed security fence will encroach into the TPZ by 44% (18.1m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
1165	*Eucalyptus microcorys*	A1	7.4	173.9	3.0	None	No proposed TPZ encroachment.	Retain and protect
1166	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1167	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1168	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1169	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1170	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1171	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1172	*Callistemon viminalis*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1173	*Callistemon viminalis*	Z1	2.2	15.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1174	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1175	*Callistemon viminalis*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1176	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1177	*Callistemon viminalis*	Z1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
1178	*Callistemon viminalis*	Z9	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
1179	*Callistemon viminalis*	Z9	3.5	38.5	2.5	None	No proposed TPZ encroachment.	Retain and protect
1180	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1181	*Callistemon viminalis*	A1	4.3	58.0	2.3	None	No proposed TPZ encroachment.	Retain and protect
1182	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1183	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1184	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1185	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1186	*Callistemon viminalis*	Z1	2.3	16.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
1187	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1188	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1189	*Callistemon viminalis*	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
1190	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1191	*Callistemon viminalis*	A1	3.4	36.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
1192	*Callistemon viminalis*	Z1	2.3	16.0	1.7	None	No proposed TPZ encroachment.	Retain and protect
1193	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1194	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1195	*Callistemon viminalis*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1196	*Callistemon viminalis*	A1	2.8	24.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1197	*Callistemon viminalis*	A1	2.8	24.6	1.9	None	No proposed TPZ encroachment.	Retain and protect
1198	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1199	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1200	*Callistemon viminalis*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1201	*Callistemon viminalis*	Z1	2.4	17.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1202	*Lophostemon confertus*	A1	5.1	81.4	2.9	None	No proposed TPZ encroachment.	Retain and protect
1203	*Callistemon viminalis*	Z1	2.4	17.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1204	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1205	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1206	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1207	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1208	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1209	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1210	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1211	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1212	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1213	*Callistemon viminalis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1214	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1215	*Cinnamomum camphora*	Z3	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
1216	*Lophostemon confertus*	A1	7.2	162.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1217	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1218	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1219	*Callistemon viminalis*	Z1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1220	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1221	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1222	*Callistemon viminalis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1223	*Cinnamomum camphora*	Z3	4.3	58.8	2.5	None	No proposed TPZ encroachment.	Retain and protect
1224	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1225	*Callistemon viminalis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1226	*Cinnamomum camphora*	A1	6.2	122.1	3.6	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1227	*Ligustrum lucidum*	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1228	*Cinnamomum camphora*	Z4	9.6	289.5	3.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1229	*Castanospermum australe*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1230	*Eucalyptus paniculata*	A1	9.0	254.6	3.4	None	No proposed TPZ encroachment.	Retain and protect
1231	*Cinnamomum camphora*	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1232	*Cinnamomum camphora*	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1233	*Cinnamomum camphora*	Z3	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1234	*Cinnamomum camphora*	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1235	*Cinnamomum camphora*	Z3	2.3	16.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1236	*Cinnamomum camphora*	Z3	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
1237	*Eucalyptus microcorys*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1238	*Lophostemon confertus*	A1	6.6	136.8	2.7	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1239	*Eucalyptus microcorys*	A1	7.8	191.1	3.0	None	No proposed TPZ encroachment.	Retain and protect
1240	*Lophostemon confertus*	A1	3.4	36.2	2.4	None	No proposed TPZ encroachment.	Retain and protect
1241	*Lophostemon confertus*	A1	4.8	72.4	2.4	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1242	*Eucalyptus microcorys*	A1	4.6	65.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
1243	*Eucalyptus microcorys*	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1244	*Eucalyptus microcorys*	A1	8.2	209.2	3.0	None	No proposed TPZ encroachment.	Retain and protect
1245	*Lophostemon confertus*	A1	6.0	113.1	2.6	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1246	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1247	*Eucalyptus microcorys*	A1	4.9	76.0	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1248	*Eucalyptus microcorys*	A1	7.9	197.1	3.0	None	No proposed TPZ encroachment.	Retain and protect
1249	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
1250	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1251	*Eucalyptus microcorys*	A1	6.1	115.3	3.2	None	No proposed TPZ encroachment.	Retain and protect
1252	*Eucalyptus microcorys*	A1	7.7	185.3	3.0	None	No proposed TPZ encroachment.	Retain and protect
1253	*Eucalyptus crebra*	A1	4.7	68.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
1254	*Eucalyptus microcorys*	Z9	4.7	68.8	2.3	None	No proposed TPZ encroachment.	Retain and protect
1255	*Eucalyptus microcorys*	A1	4.3	58.8	2.5	None	No proposed TPZ encroachment.	Retain and protect
1256	*Eucalyptus microcorys*	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
1257	*Eucalyptus microcorys*	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1258	*Eucalyptus microcorys*	Z4	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
1259	*Eucalyptus microcorys*	Z9	3.4	37.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
1260	*Lophostemon confertus*	Z4	4.4	61.9	2.3	Major	The proposed security fence will encroach into the TPZ by 45% (27.7m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1261	*Eucalyptus robusta*	Z9	7.8	191.1	2.8	Major	The proposed security fence will encroach into the TPZ by 42% (79.3m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove
1262	*Melaleuca linariifolia*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1263	*Eucalyptus microcorys*	A1	3.7	43.5	2.4	None	No proposed TPZ encroachment.	Retain and protect
1264	*Eucalyptus microcorys*	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
1265	*Eucalyptus microcorys*	A1	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect
1266	*Eucalyptus microcorys*	A1	6.7	141.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1267	*Lophostemon confertus*	Z4	2.8	23.9	2.0	None	No proposed TPZ encroachment.	Retain and protect
1268	*Eucalyptus microcorys*	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1269	*Melaleuca linariifolia*	Z1	2.5	20.4	1.8	None	No proposed TPZ encroachment.	Retain and protect
1270	*Eucalyptus microcorys*	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
1271	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1272	*Eucalyptus microcorys*	A1	4.6	65.3	2.5	None	No proposed TPZ encroachment.	Retain and protect
1273	*Eucalyptus microcorys*	A1	7.1	157.5	2.9	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1274	*Eucalyptus microcorys*	A1	2.7	23.2	2.1	None	No proposed TPZ encroachment.	Retain and protect
1275	*Eucalyptus microcorys*	A1	5.5	95.7	2.6	None	No proposed TPZ encroachment.	Retain and protect
1276	*Eucalyptus microcorys*	A1	8.9	247.7	3.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1277	*Eucalyptus microcorys*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1278	*Eucalyptus microcorys*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1279	*Eucalyptus spp*	A1	10.2	325.7	3.6	Minor	The proposed security fence will encroach into the TPZ by 10% (33.6㎡) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1280	*Eucalyptus microcorys*	A1	6.8	145.9	2.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1281	*Eucalyptus microcorys*	A1	3.6	40.7	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1282	*Eucalyptus microcorys*	A1	7.1	157.5	2.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1283	*Eucalyptus microcorys*	A1	3.6	40.7	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1284	*Eucalyptus microcorys*	A1	6.6	136.8	3.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1285	*Eucalyptus microcorys*	A1	4.1	52.3	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1286	*Eucalyptus microcorys*	A1	7.1	157.5	2.9	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1287	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1288	*Eucalyptus microcorys*	A1	6.5	131.9	2.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1289	*Eucalyptus microcorys*	A1	3.6	40.7	2.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1290	*Eucalyptus microcorys*	A1	8.6	234.5	3.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1291	*Eucalyptus microcorys*	A1	3.6	40.7	2.2	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1292	*Eucalyptus microcorys*	Z1	2.0	12.6	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1293	*Eucalyptus microcorys*	A1	5.4	91.6	2.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1294	*Eucalyptus microcorys*	A1	6.2	122.3	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1295	*Eucalyptus microcorys*	A1	3.4	35.5	2.2	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1296	*Eucalyptus microcorys*	Z9	2.9	26.1	1.9	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1297	*Eucalyptus microcorys*	A1	4.7	68.8	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1298	*Eucalyptus microcorys*	A1	2.4	18.1	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1299	*Eucalyptus microcorys*	A1	5.8	104.2	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1300	*Eucalyptus microcorys*	A1	10.1	319.2	3.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1301	*Eucalyptus microcorys*	A1	6.7	141.9	2.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1302	*Eucalyptus microcorys*	A1	3.6	40.7	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1303	*Schefflera actinophylla*	Z3	2.4	18.1	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1304	*Eucalyptus microcorys*	A1	3.0	28.3	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1305	*Jacaranda mimosifolia*	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1306	*Eucalyptus microcorys*	A1	6.7	141.9	2.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1307	*Eucalyptus microcorys*	A1	3.6	40.7	2.2	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1308	*Eucalyptus microcorys*	A1	8.6	234.5	3.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1309	*Eucalyptus microcorys*	A1	6.0	113.1	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1310	*Unknown spp*	Z1	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1311	*Eucalyptus microcorys*	A1	11.3	399.7	3.4	None	No proposed TPZ encroachment.	Retain and protect
1312	*Eucalyptus microcorys*	A1	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1313	*Unknown spp*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1314	*Eucalyptus microcorys*	A1	3.6	40.7	2.1	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1315	*Eucalyptus microcorys*	A1	6.8	147.0	2.8	None	No proposed TPZ encroachment.	Retain and protect
1316	*Eucalyptus microcorys*	A1	6.7	141.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1317	*Eucalyptus microcorys*	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
1318	*Eucalyptus spp*	Z9	2.7	23.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
1319	*Eucalyptus microcorys*	A1	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
1320	*Eucalyptus microcorys*	A1	5.0	79.8	2.6	None	No proposed TPZ encroachment.	Retain and protect
1321	*Eucalyptus microcorys*	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
1322	*Erythrina x sykesii*	Z3	7.2	162.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
1323	*Eucalyptus microcorys*	A1	6.8	147.0	2.8	None	No proposed TPZ encroachment.	Retain and protect
1324	*Eucalyptus microcorys*	A1	10.1	319.2	3.2	None	No proposed TPZ encroachment.	Retain and protect
1325	*Eucalyptus microcorys*	A1	5.8	104.2	2.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1326	*Eucalyptus microcorys*	A1	2.4	18.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
1327	*Eucalyptus microcorys*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1328	*Eucalyptus microcorys*	A1	7.2	162.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1329	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1330	*Eucalyptus microcorys*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1331	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1332	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1333	*Eucalyptus microcorys*	Z1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
1334	*Eucalyptus microcorys*	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
1335	*Eucalyptus microcorys*	A1	9.0	254.5	3.0	None	No proposed TPZ encroachment.	Retain and protect
1336	*Cinnamomum camphora*	Z3	6.0	113.1	2.5	None	No proposed TPZ encroachment.	Retain and protect
1337	*Quercus robur*	A1	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
1338	*Ligustrum lucidum*	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1339	*Ligustrum lucidum*	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
1340	*Pittosporum undulatum*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1341	*Eucalyptus microcorys*	A1	11.8	434.5	3.6	None	No proposed TPZ encroachment.	Retain and protect
1342	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1343	*Melaleuca styphelioides*	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1344	*Melaleuca styphelioides*	A1	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1345	*Eucalyptus microcorys*	A1	7.2	162.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1346	*Syncarpia glomulifera*	Z9	7.2	164.0	3.2	None	No proposed TPZ encroachment.	Retain and protect
1347	*Syncarpia glomulifera*	A1	3.7	43.5	2.3	None	No proposed TPZ encroachment.	Retain and protect
1348	*Syncarpia glomulifera*	A2	7.1	160.4	3.6	None	No proposed TPZ encroachment.	Retain and protect
1349	*Eucalyptus microcorys*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1350	*Eucalyptus microcorys*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1351	*Eucalyptus microcorys*	A1	2.6	20.4	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1352	*Eucalyptus microcorys*	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1353	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1354	*Eucalyptus microcorys*	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
1355	*Eucalyptus microcorys*	A1	7.6	179.6	2.8	None	No proposed TPZ encroachment.	Retain and protect
1356	*Eucalyptus microcorys*	A1	6.4	127.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
1357	*Eucalyptus microcorys*	A1	4.8	72.4	2.4	Major	The proposed security fence will encroach into the TPZ by 26% (18.6m^2) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1358	*Eucalyptus microcorys*	A1	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
1359	*Corymbia citriodora*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1360	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1361	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1362	*Eucalyptus microcorys*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1363	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1364	*Eucalyptus microcorys*	A1	2.4	18.5	2.3	Major	The proposed security fence will encroach into the TPZ by 21% (3.9m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1365	*Eucalyptus microcorys*	A1	2.6	21.9	1.9	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1366	*Eucalyptus microcorys*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1367	*Eucalyptus microcorys*	A1	2.5	18.9	2.1	Major	The proposed security fence will encroach into the TPZ by 37% (7m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1368	*Eucalyptus microcorys*	A2	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
1369	*Angophora costata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1370	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1371	*Eucalyptus microcorys*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
1372	*Eucalyptus microcorys*	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
1373	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1374	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1375	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1376	*Eucalyptus microcorys*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1377	*Eucalyptus microcorys*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1378	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1379	*Eucalyptus microcorys*	A1	5.8	104.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
1380	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1381	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1382	*Eucalyptus microcorys*	A1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1383	*Eucalyptus racemosa*	A2	7.6	179.6	3.0	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1384	*Eucalyptus microcorys*	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1385	*Melaleuca linariifolia*	Z1	2.5	20.1	2.4	None	No proposed TPZ encroachment.	Retain and protect
1386	*Eucalyptus racemosa*	A1	9.3	273.7	3.3	Major	The proposed security fence will encroach into the TPZ by 20% (56㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1387	*Eucalyptus microcorys*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1388	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1389	*Eucalyptus microcorys*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1390	*Eucalyptus microcorys*	A1	2.2	14.7	1.8	Major	The proposed security fence will encroach into the TPZ by 16% (2.4㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1391	*Melaleuca linariifolia*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1392	*Melaleuca linariifolia*	Z1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1393	*Eucalyptus microcorys*	A1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
1394	*Eucalyptus microcorys*	A1	4.6	65.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
1395	*Lophostemon confertus*	Z10	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
1396	*Eucalyptus microcorys*	A1	4.9	76.2	2.6	Major	The proposed security fence will encroach into the TPZ by 38% (28.7m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1397	*Eucalyptus microcorys*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
1398	*Eucalyptus microcorys*	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
1399	*Eucalyptus microcorys*	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1400	*Eucalyptus microcorys*	A1	3.9	48.7	2.3	Major	The proposed security fence will encroach into the TPZ by 15% (7.5m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1401	*Eucalyptus microcorys*	A1	7.8	191.1	2.9	None	No proposed TPZ encroachment.	Retain and protect
1402	*Eucalyptus microcorys*	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1403	*Eucalyptus microcorys*	A1	2.8	23.9	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1404	*Eucalyptus microcorys*	A1	2.3	16.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
1405	*Eucalyptus microcorys*	Z1	2.0	12.6	1.6	Major	The proposed security fence will encroach into the TPZ by 38% (4.8m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove
1406	*Melaleuca linariifolia*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1407	*Melaleuca linariifolia*	Z1	2.0	12.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
1408	*Eucalyptus microcorys*	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
1409	*Eucalyptus microcorys*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1410	*Eucalyptus microcorys*	Z1	2.0	12.6	1.8	Major	The proposed security fence will encroach into the TPZ by 15% (7.5m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove
1411	*Eucalyptus microcorys*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1412	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1413	*Eucalyptus microcorys*	A1	2.6	21.8	2.3	None	No proposed TPZ encroachment.	Retain and protect
1414	*Eucalyptus microcorys*	A1	2.2	14.7	1.8	Major	The proposed security fence will encroach into the TPZ by 39% (5.8m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1415	*Eucalyptus microcorys*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1416	*Eucalyptus microcorys*	A1	6.2	122.3	2.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1417	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1418	*Eucalyptus microcorys*	A1	2.2	15.5	2.3	Major	The proposed security fence will encroach into the TPZ by 23% (3.5m²) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1419	*Eucalyptus globulus*	A1	7.4	173.9	2.9	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1420	*Syncarpia glomulifera*	A1	4.6	66.8	2.6	None	No proposed TPZ encroachment.	Retain and protect
1421	*Eucalyptus microcorys*	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
1422	*Melaleuca linariifolia*	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1423	*Eucalyptus eugenioides*	A1	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
1424	*Eucalyptus microcorys*	A1	7.2	162.9	2.9	None	No proposed TPZ encroachment.	Retain and protect
1425	*Eucalyptus robusta*	A1	8.9	250.6	3.0	Major	The proposed security fence will encroach into the TPZ by 17% (42.6m²) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1426	*Eucalyptus microcorys*	A1	6.6	136.8	2.8	None	No proposed TPZ encroachment.	Retain and protect
1427	*Eucalyptus microcorys*	A1	9.6	289.5	3.3	None	No proposed TPZ encroachment.	Retain and protect
1428	*Eucalyptus microcorys*	A1	5.8	104.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
1429	*Eucalyptus microcorys*	A1	6.5	134.1	3.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1430	*Eucalyptus microcorys*	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
1431	*Eucalyptus microcorys*	A1	4.3	58.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
1432	*Eucalyptus globulus*	Z5	8.9	247.7	3.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1433	*Eucalyptus microcorys*	A1	5.0	79.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
1434	*Eucalyptus microcorys*	A1	5.2	83.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
1771	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1772	Acacia longifolia	Z4	4.6	65.3	2.3	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1773	Acacia longifolia	Z4	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1774	Acacia longifolia	Z4	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1775	Acacia longifolia	Z4	2.9	26.4	1.9	None	No proposed TPZ encroachment.	Retain and protect
1776	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1777	Acacia longifolia	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1778	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1779	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1780	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1781	Acacia spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1782	Ligustrum lucidum	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1783	Pittosporum undulatum	Z1	3.0	28.3	1.8	Major	The proposed security fence will encroach into the TPZ by 21% (6m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove
1784	Cinnamomum camphora	Z3	3.6	40.7	2.0	Major	The proposed security fence will encroach into the TPZ by 40% (16.1m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
1785	Lophostemon confertus	A1	2.4	18.1	2.1	None	No proposed TPZ encroachment.	Retain and protect
1786	Lophostemon confertus	A1	2.7	22.9	1.5	None	No proposed TPZ encroachment.	Retain and protect
1787	Cinnamomum camphora	Z3	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
1788	Acacia spp	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
1789	Ligustrum lucidum	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1790	Acacia longifolia	A1	4.4	61.9	2.3	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1791	Acacia longifolia	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1792	Acacia spp	Z4	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1793	Acacia spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1794	Acacia longifolia	A1	2.8	24.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1795	Acacia longifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1796	Acacia longifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1797	Acacia longifolia	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1798	Lophostemon confertus	Z5	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
1799	Acacia longifolia	Z4	2.6	21.8	1.8	None	No proposed TPZ encroachment.	Retain and protect
1800	Pittosporum undulatum	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1801	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1802	Acacia longifolia	A1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
1803	Acacia longifolia	Z4	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1804	Acacia longifolia	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1805	Acacia longifolia	A1	3.6	40.7	2.0	Major	The proposed security fence will encroach into the TPZ by 19% (7.7m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1806	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1807	Acacia longifolia	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1808	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1809	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1810	Acacia longifolia	Z4	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1811	Acacia longifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1812	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1813	Acacia longifolia	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
1814	Acacia longifolia	Z4	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
1815	Acacia longifolia	Z4	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1816	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1817	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1818	Acacia longifolia	Z4	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1819	Cinnamomum camphora	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1820	Acacia longifolia	A1	3.6	40.0	2.2	None	No proposed TPZ encroachment.	Retain and protect
1821	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1822	Acacia longifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1823	Acacia longifolia	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1824	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1825	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1826	Cinnamomum camphora	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1827	Acacia longifolia	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1828	Acacia longifolia	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1829	Cinnamomum camphora	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
1830	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1831	Acacia longifolia	Z4	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1832	Acacia longifolia	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1833	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1834	Acacia longifolia	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1835	Acacia longifolia	Z4	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1836	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1837	Acacia longifolia	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1838	Acacia longifolia	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1839	Acacia longifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1840	Acacia longifolia	Z1	2.1	14.5	1.7	None	No proposed TPZ encroachment.	Retain and protect
1841	Acacia longifolia	A1	3.5	39.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
1842	Acacia longifolia	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1843	Cinnamomum camphora	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1844	Cinnamomum camphora	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
1845	Cinnamomum camphora	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
1846	Cinnamomum camphora	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
1847	Acacia longifolia	A1	5.8	104.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1848	Acacia longifolia	Z9	3.0	27.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
1849	Acacia longifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1850	Acacia longifolia	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1851	Acacia longifolia	Z9	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1852	Acacia longifolia	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1853	Acacia longifolia	Z5	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1854	Acacia longifolia	Z4	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1855	Acacia longifolia	Z4	3.3	34.8	2.3	None	No proposed TPZ encroachment.	Retain and protect
1856	Acacia longifolia	Z1	2.3	17.0	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1857	Acacia longifolia	Z4	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1858	Acacia longifolia	A1	2.6	21.8	2.0	None	No proposed TPZ encroachment.	Retain and protect
1859	Acacia longifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1860	Acacia longifolia	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1861	Acacia longifolia	A1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
1862	Acacia longifolia	Z4	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
1863	Acacia longifolia	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1864	Acacia longifolia	Z1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
1865	Acacia longifolia	Z4	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1866	Acacia longifolia	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
G18	Acacia longifolia	Z1	2.2	14.7	1.8	Footprint	Group of approximately 46 trees. The trees are located within the footprint of the proposed security fence.	Remove
1867	Acacia longifolia	Z1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
1868	Acacia longifolia	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1869	Acacia longifolia	Z1	2.8	24.2	2.1	None	No proposed TPZ encroachment.	Retain and protect
1870	Acacia longifolia	Z10	2.5	19.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
1871	Acacia longifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1872	Acacia longifolia	Z9	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1873	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1874	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1875	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1876	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1877	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1878	Casuarina glauca	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1879	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1880	Casuarina glauca	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1881	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1882	Casuarina glauca	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1883	Eucalyptus paniculata	A1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
1884	Casuarina glauca	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
1885	Melaleuca linariifolia	A1	2.4	17.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1886	Melaleuca linariifolia	A1	2.0	12.6	1.9	None	No proposed TPZ encroachment.	Retain and protect
1887	Eucalyptus spp	A1	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
1888	Allocasuarina littoralis	A1	3.5	38.0	2.3	None	No proposed TPZ encroachment.	Retain and protect
1889	Eucalyptus punctata	A2	4.4	61.9	2.3	None	No proposed TPZ encroachment.	Retain and protect
1890	Eucalyptus paniculata	A1	3.4	36.2	2.3	None	No proposed TPZ encroachment.	Retain and protect
1891	Melaleuca linariifolia	A1	3.1	31.1	2.3	None	No proposed TPZ encroachment.	Retain and protect
1892	Eucalyptus paniculata	A1	3.8	46.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
1893	Corymbia eximia	A1	2.5	20.0	1.9	None	No proposed TPZ encroachment.	Retain and protect
1894	Eucalyptus tereticornis	A1	14.4	651.4	3.6	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1895	Eucalyptus tereticornis	A1	7.8	191.1	3.0	None	No proposed TPZ encroachment.	Retain and protect
1896	Eucalyptus tereticornis	A1	6.5	131.2	2.9	None	No proposed TPZ encroachment.	Retain and protect
1897	Melaleuca armillaris	A1	2.4	18.1	2.1	None	No proposed TPZ encroachment.	Retain and protect
1898	Corymbia maculata	A1	5.4	91.6	2.7	None	No proposed TPZ encroachment.	Retain and protect
1899	Eucalyptus tereticornis	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1900	Casuarina cunninghamiana	A1	3.8	46.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
1901	Corymbia maculata	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
1902	Eucalyptus tereticornis	A1	2.5	20.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
1903	Eucalyptus microcorys	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1904	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1905	Acacia longifolia	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1906	Acacia longifolia	A1	4.1	52.3	2.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1907	Acacia longifolia	Z4	3.1	30.1	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1908	Corymbia eximia	A1	2.9	26.1	2.1	None	No proposed TPZ encroachment.	Retain and protect
1909	Eucalyptus spp	A1	5.1	81.3	2.6	None	No proposed TPZ encroachment.	Retain and protect
1910	Corymbia maculata	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1911	Eucalyptus saligna	Z1	2.6	21.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
1912	Eucalyptus saligna	Z10	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1913	Eucalyptus saligna	Z5	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1914	Eucalyptus saligna	A1	6.6	136.8	2.8	None	No proposed TPZ encroachment.	Retain and protect
1915	Eucalyptus saligna	Z5	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1916	Eucalyptus saligna	A1	7.2	162.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1917	Eucalyptus saligna	Z5	2.4	18.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
1918	Triadica sebifera	A1	3.0	27.4	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1919	Triadica sebifera	A1	3.1	30.1	2.3	None	No proposed TPZ encroachment.	Retain and protect
1920	Cinnamomum camphora	Z3	5.9	110.8	2.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1921	Eucalyptus scoparia	Z3	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect
1922	Eucalyptus spp	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1923	Cinnamomum camphora	Z3	12.0	452.4	3.3	None	No proposed TPZ encroachment.	Retain and protect
1924	Cinnamomum camphora	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
1925	Cinnamomum camphora	Z3	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1926	Eucalyptus scoparia	Z3	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1927	Eucalyptus botryoides	A1	6.6	136.8	2.8	None	No proposed TPZ encroachment.	Retain and protect
1928	Eucalyptus scoparia	Z3	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
1929	Cinnamomum camphora	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1930	Eucalyptus scoparia	Z3	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
1931	Eucalyptus pilularis	A1	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect
1932	Cinnamomum camphora	Z3	2.0	12.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
1933	Eucalyptus saligna	A1	10.2	326.9	3.2	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1934	Eucalyptus scoparia	Z3	6.4	127.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
1935	Acacia longifolia	Z1	2.4	18.1	1.7	Major	The proposed security fence will encroach into the TPZ by 30% (5.4㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove
1936	Eucalyptus moluccana	Z10	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1937	Eucalyptus botryoides	A2	9.9	307.6	3.4	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1938	Eucalyptus scoparia	Z3	9.5	282.7	3.2	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 39% (111.5㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1939	Eucalyptus botryoides	A2	5.3	87.6	2.5	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1940	Lophostemon confertus	Z10	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1941	Eucalyptus scoparia	Z3	6.7	141.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1942	Lophostemon confertus	Z10	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1943	Eucalyptus botryoides	A2	4.4	61.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1944	Eucalyptus scoparia	Z3	7.7	185.3	2.8	None	No proposed TPZ encroachment.	Retain and protect
1945	Eucalyptus pilularis	A2	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1946	Eucalyptus pilularis	Z10	5.9	107.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
1947	Lophostemon confertus	Z10	5.8	104.2	2.6	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1948	Eucalyptus scoparia	Z3	2.8	23.9	2.0	None	No proposed TPZ encroachment.	Retain and protect
1949	Eucalyptus pilularis	A2	6.7	141.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1950	Robinia pseudoacacia	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1951	Syncarpia glomulifera	A2	15.0	706.9	3.8	Major	The proposed security fence will encroach into the TPZ by 36% (257.2㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1952	Eucalyptus scoparia	Z3	6.6	136.8	2.8	None	No proposed TPZ encroachment.	Retain and protect
1953	Eucalyptus scoparia	Z3	2.8	23.9	2.1	None	No proposed TPZ encroachment.	Retain and protect
1954	Eucalyptus botryoides	A2	5.3	87.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
1955	Populus nigra 'Italica'	Z3	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1956	Eucalyptus botryoides	A2	5.0	79.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
1957	Eucalyptus nicholii	Z3	6.6	136.8	2.8	None	No proposed TPZ encroachment.	Retain and protect
1958	Eucalyptus botryoides	Z10	4.2	55.4	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1959	Lophostemon confertus	A2	4.6	66.8	2.5	Major	The proposed security fence will encroach into the TPZ by 14% (9.3m^2) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. The tree was displaying reduced health during the site inspection. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1960	Eucalyptus scoparia	Z3	6.5	131.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
G19	Acacia parramattensis	Z1	2.0	12.6	1.5	None	Group of approximately 80 trees. No proposed TPZ encroachment.	Retain and protect
1961	Eucalyptus saligna	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1962	Eucalyptus botryoides	Z10	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
1963	Lophostemon confertus	A2	4.8	72.4	2.5	Major	The proposed security fence will encroach into the TPZ by 32% (23.5m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1964	Eucalyptus scoparia	Z3	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
1965	Lophostemon confertus	A1	3.6	40.7	2.2	Major	The proposed security fence will encroach into the TPZ by 26% (10.7m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
G20	Acacia spp	Z1	2.0	12.6	1.7	None	Group of approximately 80 trees. No proposed TPZ encroachment.	Retain and protect
1966	Eucalyptus scoparia	Z3	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1967	Lophostemon confertus	A2	6.1	117.3	2.7	Major	The proposed security fence will encroach into the TPZ by 33% (38.3m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1968	Acacia spp	Z1	2.0	12.6	1.5	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
1969	Lophostemon confertus	Z10	6.0	113.1	2.7	Major	The proposed security fence will encroach into the TPZ by 26% (29.1㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1970	Acacia spp	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1971	Lophostemon confertus	Z10	5.7	102.6	2.6	Major	The proposed security fence will encroach into the TPZ by 21% (21.6㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1972	Eucalyptus scoparia	Z3	6.5	131.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1973	Lophostemon confertus	Z1	2.5	19.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
1974	Lophostemon confertus	Z10	4.8	72.4	2.5	Major	The proposed security fence will encroach into the TPZ by 12% (8.6㎡) but not into the SRZ. This is just over the threshold of minor TPZ encroachment. The tree can be retained in a viable condition.	Retain and protect
1975	Eucalyptus scoparia	Z3	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1976	Eucalyptus botryoides	Z10	4.7	68.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
1977	Jacaranda mimosifolia	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1978	Lophostemon confertus	Z10	7.4	173.9	2.9	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1979	Eucalyptus saligna	A2	5.2	83.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1980	Eucalyptus botryoides	Z10	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1981	Eucalyptus spp	Z1	2.5	20.1	1.8	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 18% (3.7㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be	Remove* & #

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
							impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	
1982	Eucalyptus scoparia	Z3	7.8	191.1	2.8	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 40% (76.9㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1983	Acacia implexa	A1	4.1	52.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
1984	Eucalyptus spp	A2	4.8	72.4	2.4	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 29% (21.2㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1985	Triadica sebifera	Z1	2.0	12.6	1.5	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1986	Eucalyptus scoparia	Z3	3.8	46.3	2.2	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 31% (14.5㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1987	Eucalyptus scoparia	Z3	4.3	58.6	2.3	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 32% (19㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1988	Eucalyptus botryoides	Z10	4.4	61.9	2.3	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1989	Eucalyptus botryoides	A2	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
1990	Schinus molle	A1	11.9	447.9	3.9	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1991	Schinus molle	A1	11.8	435.4	3.6	Major	The proposed security fence will encroach into the TPZ by 11% (46.9㎡) but not into the SRZ. This is just 1% above the threshold for minor TPZ encroachment. The tree was displaying good health during the	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
							site inspection, indicating the tree has the capacity to tolerate some root disturbance. The proposed works will not significantly impact the tree.	
1992	Syncarpia glomulifera	A2	8.2	212.6	3.3	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1993	Pittosporum undulatum	A1	3.6	40.7	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1994	Schinus molle	A1	8.5	226.2	3.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1995	Acacia longifolia	Z4	4.9	74.6	2.4	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1996	Acacia longifolia	Z5	2.5	20.0	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
1997	Acacia spp	A1	2.7	22.5	1.8	None	No proposed TPZ encroachment.	Retain and protect
1998	Acacia longifolia	Z1	2.0	12.6	1.5	Major	The proposed security fence will encroach into the TPZ by 36% (4.5m^2) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove
1999	Acacia longifolia	Z4	2.3	16.3	1.8	Major	The proposed security fence will encroach into the TPZ by 31% (5.1m^2) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree has a short life expectancy and should not be a constraint to the development.	Remove
G21	Acacia longifolia	Z1	2.0	12.6	1.5	Minor	Group of approximately 13 trees. The proposed security fence will encroach into the TPZ and into the SRZ, indicating that the condition and the stability of the trees will potentially be impacted. The trees are small/young and should not be a constraint to the development.	Remove
2000	Cupressus sempervirens	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2001	Quercus robur	A1	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2002	Cupressus sempervirens	A1	2.8	23.9	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2003	Syzygium oleosum	A1	5.8	106.9	2.5	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2004	Leptospermum petersonii	A1	7.0	154.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
2005	Triadica sebifera	A1	3.7	42.4	2.8	Major	The proposed security fence will encroach into the TPZ by 11% (4.6m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
2006	Acacia longifolia	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
2007	Melaleuca styphelioides	A1	14.4	651.4	3.6	Major	The proposed security fence will encroach into the TPZ by 28% (165.1m^2) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
G22	Acacia spp	Z1	2.0	12.6	1.5	None	Group of approximately 80 trees. No proposed TPZ encroachment.	Retain and protect
2008	Acacia longifolia	Z4	5.3	87.6	2.4	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2009	Robinia pseudoacacia	Z3	6.6	136.4	3.0	None	No proposed TPZ encroachment.	Retain and protect
2010	Callistemon viminalis	Z1	2.4	18.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2011	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2012	Callistemon viminalis	Z1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2013	Callistemon viminalis	A1	2.9	25.7	1.9	None	No proposed TPZ encroachment.	Retain and protect
2014	Callistemon viminalis	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2015	Callistemon viminalis	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2016	Eucalyptus robusta	A1	6.4	127.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
2017	Callistemon viminalis	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2018	Callistemon viminalis	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2019	Eucalyptus botryoides	A1	5.5	95.7	2.5	None	No proposed TPZ encroachment.	Retain and protect
2020	Lophostemon confertus	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2021	Eucalyptus scoparia	Z3	4.8	72.4	2.5	None	No proposed TPZ encroachment.	Retain and protect
2022	Melaleuca styphelioides	Z1	3.7	43.0	2.7	None	No proposed TPZ encroachment.	Retain and protect
2023	Ficus macrophylla	Z1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2024	Lophostemon confertus	A1	6.4	127.1	2.8	None	No proposed TPZ encroachment.	Retain and protect
2025	Lophostemon confertus	A1	5.5	95.7	2.6	None	No proposed TPZ encroachment.	Retain and protect
2026	Ficus macrophylla	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2027	Lophostemon confertus	A1	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2028	Acacia spp	Z5	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2029	Eucalyptus scoparia	Z3	9.5	282.3	3.2	None	No proposed TPZ encroachment.	Retain and protect
2030	Acacia spp	Z5	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2031	Tristaniopsis laurina	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2032	Eucalyptus saligna	Z9	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2033	Ficus macrophylla	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2034	Ficus rubiginosa	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2035	Lophostemon confertus	A1	5.2	83.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2036	Eucalyptus scoparia	Z3	4.6	65.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2037	Ficus spp	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2038	Acacia longifolia	Z9	5.4	91.6	2.4	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2039	Lophostemon confertus	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2040	Acacia longifolia	A1	2.8	23.9	1.9	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2041	Acacia longifolia	Z9	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
2042	Acacia longifolia	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2043	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2044	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2045	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2046	Acacia longifolia	A1	2.5	20.4	2.0	None	No proposed TPZ encroachment.	Retain and protect
2047	Acacia spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2048	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2049	Acacia spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2050	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2051	Jacaranda mimosifolia	A1	3.2	33.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
2052	Cinnamomum camphora	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2053	Acacia longifolia	Z1	2.0	12.6	1.5	Major	The proposed security fence will encroach into the TPZ by 32% (4㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2054	Lophostemon confertus	A1	7.2	162.9	2.8	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 19% (30.9㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
2055	Acacia longifolia	Z1	2.0	12.6	1.5	Major	The proposed security fence will encroach into the TPZ by 32% (4㎡) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove
2056	Acacia longifolia	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located directly adjaent to the proposed security fence.	Remove
2057	Acacia longifolia	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
2058	Acacia longifolia	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
2059	Acacia longifolia	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located directly adjaent to the proposed security fence.	Remove
2060	Eucalyptus scoparia	Z4	3.1	30.6	2.1	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2061	Acacia longifolia	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
2062	Acacia longifolia	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located directly adjaent to the proposed security fence.	Remove
2063	Lophostemon confertus	A1	3.2	33.0	2.1	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2064	Acacia longifolia	Z10	2.2	15.3	2.0	Footprint	The trunk of the tree is located directly adjaent to the proposed security fence.	Remove
2065	Acacia longifolia	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2066	Acacia longifolia	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2067	Acacia longifolia	Z9	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2068	Eucalyptus scoparia	Z3	3.2	33.0	2.1	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2069	Eucalyptus scoparia	Z3	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2070	Unknown spp	Z1	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
2071	Tristaniopsis laurina	A1	3.0	27.9	2.0	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2072	Acacia longifolia	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
2073	Eucalyptus scoparia	Z3	3.1	30.6	2.1	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 12% (3.8㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
2074	Schinus molle	A1	2.8	24.8	2.0	None	No proposed TPZ encroachment.	Retain and protect
2075	Cinnamomum camphora	Z3	6.0	113.1	2.5	None	No proposed TPZ encroachment.	Retain and protect
2076	Acacia longifolia	Z1	2.0	12.6	2.0	Major	The proposed security fence will encroach into the TPZ and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree is small/young and should not be a constraint to the development.	Remove
2077	Acacia longifolia	Z5	3.0	28.1	2.1	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2078	Acacia longifolia	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2079	Acacia longifolia	Z10	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2080	Acacia longifolia	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2081	Acacia longifolia	Z10	3.6	40.7	2.0	Major	The proposed security fence and hard surfacing will encroach into the TPZ by 34% (13.8m²) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree has a short life expectancy and should not be a constraint to the development.	Remove
2082	Acacia longifolia	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2083	Acacia longifolia	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2084	Acacia longifolia	Z10	2.2	15.6	2.0	Major	The proposed security fence and hard surfacing will encroach into the TPZ by 38% (6m²) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree has a short life expectancy and should not be a constraint to the development.	Remove
2085	Acacia longifolia	A1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2086	Acacia longifolia	Z9	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2087	Acacia longifolia	Z9	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
2088	Acacia longifolia	Z4	2.3	16.7	1.8	Major	The proposed security fence and hard surfacing will encroach into the TPZ by 16% (2.6m²) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree has a short life expectancy and should not be a constraint to the development.	Remove
2089	Acacia longifolia	Z9	2.4	18.1	1.8	Major	The proposed security fence and hard surfacing will encroach into the TPZ by 38% (6.8m²) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. The tree has a short life expectancy and should not be a constraint to the development.	Remove
2090	Acacia longifolia	Z1	2.0	12.6	1.5	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2091	Jacaranda mimosifolia	A1	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2092	Eucalyptus robusta	A1	4.0	49.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2093	Lophostemon confertus	A1	5.4	91.6	2.5	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2094	Tristaniopsis laurina	A1	3.8	44.6	2.1	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 14% (6.1㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. However, this is just 4% over the threshold of minor TPZ encroachment and the proposed works will not significantly impact the tree.	Retain and protect
2095	Eucalyptus botryoides	A1	6.7	141.9	2.7	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 27% (38.8㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
2096	Schinus molle	Z10	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2097	Schinus molle	A1	6.0	113.1	2.5	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2098	Triadica sebifera	A1	2.9	26.1	2.1	None	No proposed TPZ encroachment.	Retain and protect
G23	Acacia longifolia	Z1	2.0	12.6	1.6	None	Group of approximately 20 trees within corridor. Not assessed within this report. Located within T2M Scope.	Retain and protect#
2099	Lophostemon confertus	Z1	2.4	18.1	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2100	Lophostemon confertus	Z1	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2101	Lophostemon confertus	A1	2.4	18.1	1.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2102	Lophostemon confertus	Z1	2.0	12.6	1.6	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2103	Lophostemon confertus	Z1	2.0	12.6	1.7	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2104	Lophostemon confertus	A1	3.6	40.7	2.2	Major	The proposed security fence will encroach into the TPZ by 22% (9m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
2105	Lophostemon confertus	A1	3.7	43.5	2.1	Major	The proposed security fence will encroach into the TPZ by 26% (11.3m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
2106	Lophostemon confertus	A1	4.6	65.3	2.3	Major	The proposed security fence will encroach into the TPZ by 29% (19.2m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
2107	Lophostemon confertus	A2	3.7	43.5	2.2	Major	The proposed security fence will encroach into the TPZ by 20% (8.9m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
2108	Lophostemon confertus	A2	4.0	49.3	2.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2109	Lophostemon confertus	A1	4.2	55.4	2.2	Minor	The proposed security fence will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2110	Lophostemon confertus	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2111	Lophostemon confertus	A2	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2112	Lophostemon confertus	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
2113	Lophostemon confertus	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2114	Callistemon viminalis	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2115	Callistemon salignus	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2116	Callistemon salignus	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2117	Callistemon salignus	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2118	Corymbia citriodora	A1	7.3	168.3	2.8	None	No proposed TPZ encroachment.	Retain and protect
2119	Callistemon salignus	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2120	Callistemon salignus	A1	2.7	23.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2121	Photinia robusta	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2122	Eucalyptus scoparia	Z3	5.8	104.2	2.5	None	No proposed TPZ encroachment.	Retain and protect
2123	Corymbia citriodora	A1	6.7	141.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
2124	Eucalyptus scoparia	Z3	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
2125	Corymbia citriodora	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
2126	Corymbia citriodora	A1	4.6	65.3	2.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2127	Eucalyptus scoparia	Z3	7.6	179.6	2.9	None	No proposed TPZ encroachment.	Retain and protect
2128	Casuarina cunninghamiana	A1	5.8	104.2	2.5	None	No proposed TPZ encroachment.	Retain and protect
2129	Lophostemon confertus	A1	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2130	Lophostemon confertus	A1	5.6	99.9	2.5	None	No proposed TPZ encroachment.	Retain and protect
2131	Lophostemon confertus	A1	7.1	157.5	2.8	None	No proposed TPZ encroachment.	Retain and protect
2132	Lophostemon confertus	A1	7.0	152.2	2.7	None	No proposed TPZ encroachment.	Retain and protect
2133	Lophostemon confertus	A1	7.6	179.6	2.9	None	No proposed TPZ encroachment.	Retain and protect
2134	Lophostemon confertus	A1	3.8	46.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2135	Lophostemon confertus	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2136	Lophostemon confertus	A1	5.3	87.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2137	Lophostemon confertus	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2138	Lophostemon confertus	A1	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
2139	Lophostemon confertus	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2140	Lophostemon confertus	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2141	Lophostemon confertus	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2142	Lophostemon confertus	A1	2.4	18.5	1.8	None	No proposed TPZ encroachment.	Retain and protect
2143	Lophostemon confertus	A1	3.7	43.5	2.3	None	No proposed TPZ encroachment.	Retain and protect
2144	Callistemon viminalis	A1	2.6	21.9	2.2	None	No proposed TPZ encroachment.	Retain and protect
2145	Corymbia maculata	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2146	Lophostemon confertus	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
2147	Lophostemon confertus	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
2148	Lophostemon confertus	A1	4.4	61.9	2.3	None	No proposed TPZ encroachment.	Retain and protect
2149	Lophostemon confertus	Z1	3.1	29.7	1.9	None	No proposed TPZ encroachment.	Retain and protect
2150	Lophostemon confertus	A1	4.1	52.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2151	Lophostemon confertus	A1	4.1	52.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2152	Lophostemon confertus	A1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2153	Lophostemon confertus	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
2154	Lophostemon confertus	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2155	Lophostemon confertus	A1	7.6	179.6	2.9	None	No proposed TPZ encroachment.	Retain and protect
2156	Eucalyptus spp	Z10	4.8	72.4	2.4	Major	The proposed security fence will encroach into the TPZ by 28% (20.6m^2) and into the SRZ, indicating that the condition and the stability of the tree will potentially be impacted. However, Arcadis have advised that no fence posts will be located within the SRZ and extended panels will be utilised. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
2157	Syncarpia glomulifera	A1	6.0	113.1	2.5	Major	The proposed security fence will encroach into the TPZ by 26% (29.4m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
2158	Lophostemon confertus	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2159	Lophostemon confertus	Z1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2160	Lophostemon confertus	A1	5.9	108.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
2161	Lophostemon confertus	Z1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2162	Lophostemon confertus	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2163	Lophostemon confertus	A1	9.6	289.5	3.2	None	No proposed TPZ encroachment.	Retain and protect
2164	Casuarina glauca	A1	5.2	83.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2165	Eucalyptus spp	Z4	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2166	Casuarina glauca	A1	4.7	68.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
2167	Casuarina glauca	A1	4.7	68.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
2168	Casuarina glauca	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2169	Casuarina glauca	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
2170	Casuarina glauca	A1	3.8	46.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2171	Casuarina glauca	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2172	Casuarina glauca	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
2173	Callistemon viminalis	A1	3.1	30.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
2174	Casuarina glauca	A1	5.2	83.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2175	Callistemon viminalis	A1	2.7	23.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2176	Callistemon viminalis	A1	2.9	26.9	2.3	None	No proposed TPZ encroachment.	Retain and protect
2177	Corymbia maculata	A1	4.6	65.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2178	Casuarina glauca	A1	6.7	141.9	2.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2179	Casuarina glauca	A1	4.6	65.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2180	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2181	Corymbia maculata	A2	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2182	Corymbia maculata	A1	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect
2183	Casuarina cunninghamiana	Z4	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2184	Callistemon viminalis	A1	3.0	28.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
2185	Eucalyptus nicholii	Z9	6.2	122.3	2.7	None	No proposed TPZ encroachment.	Retain and protect
2186	Eucalyptus nicholii	Z4	5.8	104.2	2.5	None	No proposed TPZ encroachment.	Retain and protect
2187	Corymbia maculata	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2188	Callistemon viminalis	Z1	2.4	18.2	1.8	None	No proposed TPZ encroachment.	Retain and protect
2189	Casuarina glauca	Z9	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2190	Casuarina glauca	Z9	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2191	Eucalyptus nicholii	Z5	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2192	Casuarina glauca	A1	4.6	65.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2193	Eucalyptus nicholii	Z4	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2194	Eucalyptus tereticornis	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2195	Casuarina glauca	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2196	Casuarina glauca	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
2197	Casuarina glauca	A1	8.8	241.1	3.1	None	No proposed TPZ encroachment.	Retain and protect
2198	Lophostemon confertus	A1	7.6	179.6	2.8	None	No proposed TPZ encroachment.	Retain and protect
2199	Corymbia maculata	A1	5.2	83.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2200	Corymbia maculata	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
2201	Corymbia maculata	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2202	Callistemon viminalis	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2203	Corymbia maculata	A1	3.0	28.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2204	Casuarina glauca	A1	5.2	83.6	2.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2205	Casuarina glauca	Z4	5.3	87.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
2206	Casuarina glauca	A1	5.5	95.7	2.5	None	No proposed TPZ encroachment.	Retain and protect
2207	Eucalyptus scoparia	Z3	7.2	162.9	3.1	None	No proposed TPZ encroachment.	Retain and protect
2208	Eucalyptus scoparia	Z3	4.8	72.4	2.5	None	No proposed TPZ encroachment.	Retain and protect
2209	Ligustrum lucidum	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2210	Cotoneaster spp	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2211	Casuarina glauca	A1	5.2	83.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2212	Corymbia maculata	A1	6.1	117.7	2.6	None	No proposed TPZ encroachment.	Retain and protect
2213	Cinnamomum camphora	Z3	6.5	131.0	2.5	None	No proposed TPZ encroachment.	Retain and protect
2214	Cinnamomum camphora	Z3	10.2	325.7	3.6	None	No proposed TPZ encroachment.	Retain and protect
2215	Corymbia maculata	A1	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2216	Casuarina glauca	A1	5.2	83.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2217	Macadamia spp	Z1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2218	Callistemon viminalis	Z1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2219	Corymbia citriodora	A1	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2220	Casuarina glauca	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2221	Casuarina glauca	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
2222	Casuarina glauca	A1	7.6	179.6	2.8	None	No proposed TPZ encroachment.	Retain and protect
2223	Casuarina glauca	A1	3.8	46.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2224	Casuarina glauca	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2225	Casuarina glauca	A1	3.8	46.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2226	Casuarina glauca	A1	4.9	76.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
2227	Jacaranda mimosifolia	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
2228	Casuarina glauca	A1	6.2	119.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
2229	Melia azedarach	A1	6.7	141.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
2230	Casuarina glauca	Z9	7.0	152.2	2.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2231	Casuarina glauca	A1	9.6	289.5	3.2	None	No proposed TPZ encroachment.	Retain and protect
2232	Casuarina glauca	A1	5.8	104.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
2233	Casuarina glauca	Z5	3.1	30.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
2234	Melia azedarach	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2235	Ligustrum lucidum	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2236	Melia azedarach	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2237	Eriobotrya japonica	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2238	Acer spp	Z4	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2239	Casuarina glauca	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2240	Casuarina glauca	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2241	Casuarina glauca	A1	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2242	Casuarina glauca	A1	7.8	191.1	3.0	None	No proposed TPZ encroachment.	Retain and protect
2243	Callistemon viminalis	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2244	Callistemon viminalis	Z10	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
2245	Cinnamomum camphora	A1	7.3	168.5	3.2	None	No proposed TPZ encroachment.	Retain and protect
2246	Casuarina glauca	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2247	Casuarina glauca	A1	3.8	46.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2248	Casuarina glauca	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2249	Casuarina glauca	A1	4.0	49.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2250	Casuarina glauca	Z9	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2251	Casuarina glauca	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2252	Pinus radiata	Z3	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2253	Melaleuca quinquenervia	A1	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
2254	Jacaranda mimosifolia	A1	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2255	Melaleuca quinquenervia	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2256	Mangifera indica	Z3	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2257	Phoenix canariensis	Z3	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
2258	Unknown spp	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
2259	Ligustrum lucidum	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2260	Unknown spp	Z9	3.8	46.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2261	Callistemon viminalis	Z1	2.4	18.1	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2262	Unknown spp	Z1	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2263	Melaleuca styphelioides	A1	5.6	99.9	2.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2264	Callistemon viminalis	A1	3.1	30.8	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2265	Melaleuca quinquenervia	A1	9.2	268.2	3.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2266	Eucalyptus botryoides	A1	6.0	113.1	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2267	Afrocarpus falcatus	A1	6.0	113.1	2.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2268	Morus nigra	Z1	2.0	12.6	1.5	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
2269	Eucalyptus robusta	A1	7.2	162.9	2.8	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2270	Eucalyptus spp	Z1	2.0	12.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2271	Eucalyptus robusta	A1	9.1	261.3	3.2	None	No proposed TPZ encroachment.	Retain and protect
2272	Eucalyptus robusta	A1	5.8	104.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
2273	Eucalyptus robusta	Z5	6.0	113.1	2.5	None	No proposed TPZ encroachment.	Retain and protect
2274	Eucalyptus robusta	A1	6.7	141.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
2275	Cinnamomum camphora	A1	9.0	254.5	3.0	None	No proposed TPZ encroachment.	Retain and protect
2276	Olea europaea subsp. cuspidata	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2277	Acacia longifolia	A1	3.6	40.0	2.4	None	No proposed TPZ encroachment.	Retain and protect
2278	Acacia longifolia	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2279	Acacia longifolia	Z5	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2280	Acacia longifolia	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2281	Acacia longifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2282	Cinnamomum camphora	A1	7.8	191.1	2.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2283	Cinnamomum camphora	A1	9.0	254.5	3.0	None	No proposed TPZ encroachment.	Retain and protect
2284	Olea europaea subsp. cuspidata	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2285	Pittosporum undulatum	A1	2.9	27.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2286	Olea europaea subsp. cuspidata	Z3	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2287	Acacia longifolia	A1	2.8	24.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
2288	Acacia longifolia	Z4	2.5	20.4	2.0	None	No proposed TPZ encroachment.	Retain and protect
2289	Brachychiton populneus	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
2290	Ligustrum lucidum	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2291	Brachychiton populneus	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2292	Brachychiton populneus	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2293	Acacia parramattensis	A1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2294	Acacia parramattensis	A1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2295	Brachychiton populneus	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2296	Acacia longifolia	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2297	Ligustrum lucidum	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2298	Acacia longifolia	Z5	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
2299	Callistemon viminalis	A1	4.6	66.8	2.3	None	No proposed TPZ encroachment.	Retain and protect
2300	Brachychiton populneus	A1	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2301	Callistemon viminalis	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
2302	Callistemon viminalis	A1	5.2	86.0	2.5	None	No proposed TPZ encroachment.	Retain and protect
2303	Callistemon viminalis	A1	5.7	102.6	2.7	None	No proposed TPZ encroachment.	Retain and protect
2304	Acacia longifolia	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2305	Cinnamomum camphora	Z3	4.8	72.4	2.3	Major	The proposed security fence will encroach into the TPZ by 36% (26.1m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. The tree is an exempt species and should not be a constraint to the development.	Remove
2306	Callistemon viminalis	A1	4.2	55.4	2.3	Major	The proposed security fence will encroach into the TPZ by 33% (18.4m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
2307	Callistemon viminalis	A1	3.6	40.7	2.1	Major	The proposed security fence will encroach into the TPZ by 15% (6m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
2308	Callistemon viminalis	A1	5.2	83.6	2.4	Major	The proposed security fence will encroach into the TPZ by 16% (13.5m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
G24	Mixed spp	Z3	2.4	18.1	1.8	Footprint	Group of approximately 20 trees. Weed species exempt from protection including African Olive, Camphor Laurel, Privet, Lantana. The trees within the Western area of the group will be located within the footprint of the proposed security fence.	Remove
2309	Olea europaea subsp. cuspidata	Z3	3.0	28.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2310	Brachychiton populneus	A1	5.6	99.9	2.6	Minor	The proposed security fencing will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2311	Brachychiton populneus	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2312	Olea europaea subsp. cuspidata	Z3	4.2	55.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2313	Pittosporum undulatum	Z10	3.0	28.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2314	Platanus x hispanica	A1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2315	Platanus x hispanica	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
2316	Platanus x hispanica	Z10	2.0	12.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2317	Platanus x hispanica	A1	6.6	136.8	2.7	Minor	The proposed security fencing will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
2318	Platanus x hispanica	A1	4.3	58.8	2.5	Major	The proposed security fence will encroach into the TPZ by 18% (10.3m^2) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
2319	Ligustrum lucidum	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2320	Ligustrum lucidum	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2321	Jacaranda mimosifolia	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2322	Cinnamomum camphora	Z3	14.4	651.4	3.6	Major	The proposed security fence will encroach into the TPZ by 43% (278.8㎡) but not into the SRZ, indicating that the condition of the tree will potentially be impacted. The tree is an exempt species that should not be a constraint to the development.	Remove
2323	Bambusa spp	Z3	3.0	28.3	NA	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
2324	Acacia longifolia	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2325	Acacia longifolia	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2326	Acacia longifolia	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2327	Acacia longifolia	A1	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2328	Acacia longifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2329	Tristaniopsis laurina	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2330	Cinnamomum camphora	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2331	Jacaranda mimosifolia	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2332	Casuarina glauca	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2333	Casuarina glauca	A1	3.1	30.6	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2334	Casuarina glauca	A1	4.7	68.8	2.8	None	No proposed TPZ encroachment.	Retain and protect
2335	Casuarina glauca	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
2336	Leptospermum laevigatum	Z1	2.7	22.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2337	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2338	Leptospermum laevigatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2339	Casuarina glauca	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2340	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2341	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2342	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2343	Eucalyptus microcorys	A1	5.9	108.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
2344	Callistemon viminalis	A1	2.7	23.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2345	Callistemon viminalis	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2346	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2347	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2348	Callistemon viminalis	A1	2.7	23.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2349	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2350	Eucalyptus microcorys	A1	5.5	95.7	2.6	None	No proposed TPZ encroachment.	Retain and protect
2351	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2352	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2353	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2354	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2355	Eucalyptus microcorys	A1	4.4	61.9	2.4	None	No proposed TPZ encroachment.	Retain and protect
2356	Grevillea robusta	Z10	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2357	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2358	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2359	Eucalyptus microcorys	A1	5.3	87.6	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2360	Callistemon viminalis	A1	3.1	29.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2361	Eucalyptus microcorys	A1	7.8	191.1	3.0	None	No proposed TPZ encroachment.	Retain and protect
2362	Callistemon viminalis	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2363	Callistemon viminalis	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2364	Callistemon viminalis	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2365	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2366	Callistemon viminalis	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2367	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2368	Eucalyptus microcorys	A1	7.6	179.6	3.0	None	No proposed TPZ encroachment.	Retain and protect
2369	Callistemon viminalis	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2370	Corymbia maculata	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2371	Eucalyptus microcorys	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2372	Pittosporum undulatum	Z1	2.0	12.6	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2373	Acacia parramattensis	Z4	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2374	Acacia parramattensis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2375	Acacia parramattensis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2376	Acacia parramattensis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2377	Callistemon viminalis	A1	4.6	65.7	2.9	None	No proposed TPZ encroachment.	Retain and protect
2378	Eucalyptus microcorys	A1	4.0	49.3	2.5	None	No proposed TPZ encroachment.	Retain and protect
2379	Corymbia citriodora	A1	4.0	50.2	2.3	None	No proposed TPZ encroachment.	Retain and protect
2380	Eucalyptus microcorys	A1	3.9	48.0	2.2	None	No proposed TPZ encroachment.	Retain and protect
2381	Corymbia citriodora	A1	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
2382	Eucalyptus microcorys	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
2383	Corymbia citriodora	A1	4.6	65.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2384	Eucalyptus microcorys	A1	3.3	33.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
2385	Robinia pseudoacacia	Z3	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2386	Robinia pseudoacacia	Z3	3.1	29.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2387	Ligustrum lucidum	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2388	Pittosporum undulatum	Z1	2.5	20.4	2.0	None	No proposed TPZ encroachment.	Retain and protect
2389	Eucalyptus microcorys	A1	5.8	104.2	2.7	None	No proposed TPZ encroachment.	Retain and protect
2390	Eucalyptus microcorys	A1	4.8	73.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2391	Eucalyptus saligna	A1	6.8	147.0	2.8	None	No proposed TPZ encroachment.	Retain and protect
2392	Eucalyptus saligna	A1	10.2	326.9	3.3	None	No proposed TPZ encroachment.	Retain and protect
2393	Eucalyptus saligna	A1	11.1	388.3	3.6	None	No proposed TPZ encroachment.	Retain and protect
2394	Grevillea robusta	Z4	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2395	Eucalyptus saligna	Z9	13.2	547.4	3.6	None	No proposed TPZ encroachment.	Retain and protect
2396	Cinnamomum camphora	Z3	6.3	123.3	3.0	None	No proposed TPZ encroachment.	Retain and protect
2397	Melaleuca linariifolia	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
2398	Eucalyptus tereticornis	A1	8.6	231.6	3.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2399	Toxicodendron succedaneum	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2400	Cinnamomum camphora	Z3	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2401	Eucalyptus tereticornis	A1	9.8	304.7	3.5	None	No proposed TPZ encroachment.	Retain and protect
2402	Melaleuca linariifolia	A1	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2403	Melaleuca linariifolia	A1	7.8	191.1	2.8	None	No proposed TPZ encroachment.	Retain and protect
2404	Callitris spp	Z10	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2405	Cinnamomum camphora	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2406	Melaleuca linariifolia	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
2407	Melaleuca linariifolia	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
2408	Melaleuca linariifolia	A1	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2409	Melaleuca linariifolia	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2410	Grevillea robusta	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2411	Eucalyptus microcorys	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2412	Eucalyptus microcorys	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2413	Eucalyptus microcorys	A1	4.6	65.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2414	Melaleuca linariifolia	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
2415	Melaleuca linariifolia	A1	2.5	20.4	2.0	None	No proposed TPZ encroachment.	Retain and protect
2416	Eucalyptus microcorys	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2417	Eucalyptus microcorys	Z9	4.2	55.4	2.2	None	No proposed TPZ encroachment.	Retain and protect
2418	Melaleuca linariifolia	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2419	Melaleuca linariifolia	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2420	Melaleuca linariifolia	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2421	Melaleuca linariifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2422	Eucalyptus microcorys	Z9	5.0	79.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
2423	Melaleuca linariifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2424	Acacia parramattensis	Z10	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2425	Acacia spp	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2426	Eucalyptus microcorys	A1	5.8	104.2	2.5	None	No proposed TPZ encroachment.	Retain and protect
2427	Melaleuca linariifolia	A1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2428	Eucalyptus microcorys	A1	3.2	33.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
2429	Eucalyptus microcorys	A1	4.0	49.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2430	Eucalyptus microcorys	Z4	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2431	Eucalyptus microcorys	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2432	Casuarina glauca	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2433	Eucalyptus microcorys	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2434	Casuarina glauca	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2435	Casuarina glauca	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2436	Casuarina glauca	Z4	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
2437	Casuarina glauca	Z4	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2438	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2439	Casuarina glauca	A1	2.8	23.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
2440	Casuarina glauca	Z4	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2441	Casuarina glauca	Z4	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2442	Casuarina cunninghamiana	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2443	Casuarina cunninghamiana	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2444	Casuarina cunninghamiana	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2445	Casuarina cunninghamiana	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2446	Casuarina cunninghamiana	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2447	Casuarina cunninghamiana	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2448	Casuarina cunninghamiana	A2	6.8	147.0	2.8	None	No proposed TPZ encroachment.	Retain and protect
2449	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2450	Casuarina glauca	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2451	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2452	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2453	Casuarina glauca	Z4	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2454	Casuarina cunninghamiana	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2455	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2456	Casuarina glauca	A1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2457	Casuarina glauca	Z4	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
2458	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2459	Casuarina glauca	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2460	Casuarina glauca	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2461	Casuarina cunninghamiana	A1	3.0	28.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2462	Casuarina glauca	Z4	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
2463	Casuarina cunninghamiana	Z10	2.6	21.9	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2464	Casuarina glauca	A1	4.3	58.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2465	Casuarina cunninghamiana	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2466	Casuarina glauca	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2467	Casuarina glauca	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2468	Casuarina glauca	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2469	Casuarina glauca	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2470	Acacia parramattensis	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
2471	Celtis sinensis	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2472	Casuarina glauca	A1	3.8	46.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2473	Casuarina glauca	Z9	3.0	28.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2474	Casuarina glauca	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2475	Casuarina glauca	A1	3.0	28.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2476	Casuarina glauca	A1	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2477	Casuarina cunninghamiana	A1	3.1	30.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
2478	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2479	Casuarina glauca	A1	2.9	26.1	2.1	None	No proposed TPZ encroachment.	Retain and protect
2480	Casuarina cunninghamiana	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2481	Casuarina glauca	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
2482	Casuarina glauca	A1	3.1	30.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
2483	Casuarina glauca	A1	4.0	49.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2484	Eucalyptus robusta	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2485	Eucalyptus robusta	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2486	Cinnamomum camphora	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2487	Eucalyptus robusta	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2488	Eucalyptus robusta	A1	3.2	33.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
2489	Casuarina glauca	A1	3.8	46.3	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2490	Casuarina glauca	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
2491	Casuarina glauca	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
2492	Casuarina glauca	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2493	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2494	Casuarina cunninghamiana	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
2495	Casuarina glauca	A1	3.6	40.7	2.4	None	No proposed TPZ encroachment.	Retain and protect
2496	Casuarina glauca	A1	2.0	12.6	1.9	None	No proposed TPZ encroachment.	Retain and protect
2497	Casuarina glauca	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2498	Casuarina glauca	A1	2.5	20.0	1.9	None	No proposed TPZ encroachment.	Retain and protect
2499	Eucalyptus robusta	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2500	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2501	Casuarina glauca	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2502	Casuarina glauca	A1	3.8	46.3	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2503	Casuarina glauca	A1	3.0	28.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2504	Casuarina glauca	Z9	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2505	Casuarina glauca	A1	2.8	23.9	2.0	None	No proposed TPZ encroachment.	Retain and protect
2506	Casuarina cunninghamiana	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2507	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2508	Casuarina glauca	A1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2509	Casuarina glauca	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2510	Casuarina cunninghamiana	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2511	Casuarina glauca	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2512	Casuarina glauca	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2513	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2514	Casuarina glauca	A1	2.8	23.9	2.1	None	No proposed TPZ encroachment.	Retain and protect
2515	Pittosporum undulatum	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2516	Casuarina glauca	A1	3.1	30.6	2.2	None	No proposed TPZ encroachment.	Retain and protect
2517	Syncarpia glomulifera	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2518	Casuarina glauca	Z9	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2519	Casuarina glauca	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2520	Casuarina glauca	A1	3.8	46.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2521	Syncarpia glomulifera	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2522	Cinnamomum camphora	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2523	Casuarina glauca	Z4	2.5	20.4	1.7	None	No proposed TPZ encroachment.	Retain and protect
2524	Casuarina glauca	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2525	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2526	Casuarina glauca	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2527	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2528	Casuarina glauca	A1	7.0	152.2	2.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2529	Casuarina glauca	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2530	Casuarina glauca	A1	2.8	23.9	2.0	None	No proposed TPZ encroachment.	Retain and protect
2531	Eucalyptus robusta	Z10	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2532	Eucalyptus robusta	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
2533	Casuarina glauca	A1	4.2	55.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2534	Casuarina glauca	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2535	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2536	Casuarina glauca	A1	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2537	Casuarina glauca	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
2538	Ligustrum lucidum	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2539	Casuarina glauca	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2540	Casuarina glauca	A1	4.0	49.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2541	Casuarina glauca	A1	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2542	Casuarina glauca	A1	2.5	20.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2543	Grevillea robusta	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2544	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2545	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2546	Casuarina glauca	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2547	Casuarina glauca	A1	3.0	28.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2548	Casuarina glauca	A1	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2549	Casuarina glauca	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2550	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2551	Casuarina glauca	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2552	Casuarina glauca	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2553	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2554	Casuarina glauca	A1	3.2	33.0	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2555	Casuarina glauca	A1	2.4	18.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2556	Casuarina glauca	A1	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
2557	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2558	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2559	Eucalyptus robusta	A1	4.4	61.9	2.3	None	No proposed TPZ encroachment.	Retain and protect
2560	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2561	Eucalyptus robusta	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2562	Casuarina glauca	A1	3.8	46.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2563	Casuarina glauca	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2564	Casuarina glauca	A1	3.6	40.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
2565	Casuarina glauca	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2566	Casuarina glauca	A1	3.8	46.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2567	Casuarina glauca	A1	3.2	33.0	2.2	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2568	Morus nigra	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2569	Casuarina glauca	A1	4.0	49.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2570	Acacia parramattensis	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2571	Casuarina glauca	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2572	Casuarina glauca	A1	2.5	20.0	1.9	None	No proposed TPZ encroachment.	Retain and protect
2573	Casuarina glauca	A2	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2574	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2575	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2576	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2577	Casuarina glauca	Z5	6.6	136.8	2.8	None	No proposed TPZ encroachment.	Retain and protect
2578	Casuarina glauca	A1	2.0	12.6	1.9	None	No proposed TPZ encroachment.	Retain and protect
2579	Casuarina glauca	A1	5.2	84.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
2580	Casuarina glauca	A1	3.4	35.5	2.2	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2581	Casuarina glauca	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2582	Casuarina glauca	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2583	Casuarina glauca	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2584	Casuarina glauca	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2585	Casuarina glauca	A1	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2586	Casuarina glauca	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2587	Casuarina glauca	A1	4.8	72.4	2.5	None	No proposed TPZ encroachment.	Retain and protect
2588	Casuarina glauca	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2589	Casuarina glauca	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2590	Eucalyptus robusta	A2	4.4	61.9	2.3	None	No proposed TPZ encroachment.	Retain and protect
2591	Callistemon viminalis	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2592	Callistemon viminalis	A1	2.4	18.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2593	Callistemon viminalis	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2594	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2595	Callistemon viminalis	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2596	Callistemon viminalis	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2597	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2598	Eucalyptus microcorys	A1	6.1	117.7	2.8	None	No proposed TPZ encroachment.	Retain and protect
2599	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2600	Acacia spp	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2601	Eucalyptus microcorys	A1	4.9	76.0	2.6	None	No proposed TPZ encroachment.	Retain and protect
2602	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2603	Eucalyptus microcorys	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2604	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2605	Eucalyptus robusta	A2	7.1	157.5	2.8	None	No proposed TPZ encroachment.	Retain and protect
2606	Casuarina glauca	A1	5.6	99.9	2.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2607	Casuarina glauca	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
2608	Casuarina glauca	A1	6.1	117.7	2.8	None	No proposed TPZ encroachment.	Retain and protect
2609	Casuarina glauca	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
2610	Casuarina cunninghamiana	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2611	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2612	Casuarina glauca	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2613	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2614	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2615	Casuarina glauca	A1	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2616	Casuarina glauca	A1	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2617	Callistemon viminalis	Z10	3.9	47.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
2618	Pittosporum undulatum	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2619	Acacia parramattensis	Z4	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2620	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2621	Cinnamomum camphora	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2622	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2623	Acacia parramattensis	Z4	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2624	Cinnamomum camphora	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2625	Cinnamomum camphora	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2626	Cinnamomum camphora	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2627	Cinnamomum camphora	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2628	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2629	Cinnamomum camphora	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2630	Cinnamomum camphora	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2631	Acacia parramattensis	Z10	2.8	23.9	2.1	None	No proposed TPZ encroachment.	Retain and protect
2632	Pinus radiata	Z3	7.7	185.3	3.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2633	Syncarpia glomulifera	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2634	Casuarina cunninghamiana	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2635	Casuarina cunninghamiana	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2636	Syncarpia glomulifera	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2637	Eucalyptus robusta	A1	9.0	254.5	3.0	None	No proposed TPZ encroachment.	Retain and protect
2638	Casuarina cunninghamiana	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2639	Casuarina cunninghamiana	A2	3.6	40.7	2.4	None	No proposed TPZ encroachment.	Retain and protect
2640	Melaleuca quinquenervia	A2	3.8	44.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2641	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2642	Melaleuca quinquenervia	A1	3.1	30.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
2643	Pittosporum undulatum	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2644	Casuarina cunninghamiana	A1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2645	Casuarina cunninghamiana	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2646	Casuarina glauca	A1	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2647	Casuarina glauca	A1	3.7	42.2	2.1	None	No proposed TPZ encroachment.	Retain and protect
2648	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2649	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2650	Casuarina cunninghamiana	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2651	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2652	Pittosporum undulatum	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2653	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2654	Casuarina glauca	A1	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2655	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2656	Syncarpia glomulifera	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2657	Casuarina cunninghamiana	A1	4.3	58.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2658	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2659	Syncarpia glomulifera	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2660	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2661	Casuarina cunninghamiana	A1	4.8	72.4	2.5	None	No proposed TPZ encroachment.	Retain and protect
2662	Syncarpia glomulifera	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2663	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2664	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2665	Pittosporum undulatum	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2666	Casuarina cunninghamiana	A1	4.6	65.3	2.5	None	No proposed TPZ encroachment.	Retain and protect
2667	Syncarpia glomulifera	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2668	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2669	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2670	Syncarpia glomulifera	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2671	Casuarina cunninghamiana	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2672	Syncarpia glomulifera	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2673	Syncarpia glomulifera	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2674	Casuarina cunninghamiana	A1	4.6	65.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2675	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2676	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2677	Pittosporum undulatum	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2678	Eucalyptus sideroxylon	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2679	Syncarpia glomulifera	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2680	Casuarina cunninghamiana	A1	3.7	43.5	2.3	None	No proposed TPZ encroachment.	Retain and protect
2681	Casuarina cunninghamiana	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2682	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2683	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2684	Casuarina cunninghamiana	A1	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2685	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2686	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2687	Casuarina glauca	A1	3.0	28.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2688	Casuarina glauca	A1	4.7	69.0	2.7	None	No proposed TPZ encroachment.	Retain and protect
2689	Casuarina cunninghamiana	A1	4.9	76.0	2.6	None	No proposed TPZ encroachment.	Retain and protect
2690	Melaleuca quinquenervia	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2691	Casuarina cunninghamiana	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2692	Syncarpia glomulifera	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2693	Casuarina cunninghamiana	A1	5.0	79.8	2.6	None	No proposed TPZ encroachment.	Retain and protect
2694	Casuarina cunninghamiana	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2695	Melaleuca quinquenervia	A1	4.6	67.0	2.4	None	No proposed TPZ encroachment.	Retain and protect
2696	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2697	Casuarina cunninghamiana	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2698	Tristaniopsis laurina	A1	3.5	38.0	2.3	None	No proposed TPZ encroachment.	Retain and protect
2699	Pittosporum undulatum	A1	4.3	57.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2700	Melaleuca quinquenervia	Z10	4.7	68.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
2701	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2702	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2703	Casuarina cunninghamiana	Z9	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2704	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2705	Casuarina glauca	Z9	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2706	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2707	Casuarina cunninghamiana	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2708	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2709	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2710	Melaleuca quinquenervia	A1	6.0	112.8	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2711	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2712	Casuarina cunninghamiana	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2713	Casuarina cunninghamiana	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2714	Casuarina cunninghamiana	Z5	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2715	Casuarina cunninghamiana	Z9	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
2716	Casuarina cunninghamiana	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2717	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2718	Casuarina cunninghamiana	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2719	Melaleuca quinquenervia	A1	9.4	279.0	3.4	None	No proposed TPZ encroachment.	Retain and protect
2720	Pittosporum undulatum	A1	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2721	Allocasuarina torulosa	A2	2.3	16.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
2722	Casuarina cunninghamiana	A1	4.8	72.4	2.6	None	No proposed TPZ encroachment.	Retain and protect
2723	Casuarina cunninghamiana	A1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2724	Casuarina glauca	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
2725	Casuarina glauca	A1	7.6	179.6	3.0	None	No proposed TPZ encroachment.	Retain and protect
2726	Elaeocarpus reticulatus	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2727	Casuarina glauca	A1	6.2	122.3	2.7	None	No proposed TPZ encroachment.	Retain and protect
2728	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2729	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2730	Casuarina glauca	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2731	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2732	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2733	Casuarina glauca	A1	3.4	35.5	2.3	None	No proposed TPZ encroachment.	Retain and protect
2734	Syncarpia glomulifera	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2735	Casuarina glauca	A1	6.8	145.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
2736	Casuarina glauca	A1	3.0	28.3	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2737	Celtis sinensis	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2738	Casuarina glauca	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2739	Casuarina glauca	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2740	Casuarina glauca	A1	2.5	20.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2741	Casuarina glauca	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2742	Casuarina glauca	A1	5.0	79.8	2.6	None	No proposed TPZ encroachment.	Retain and protect
2743	Casuarina glauca	A2	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2744	Casuarina glauca	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2745	Casuarina glauca	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2746	Casuarina glauca	A1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2747	Casuarina glauca	A1	3.7	43.5	2.4	None	No proposed TPZ encroachment.	Retain and protect
2748	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2749	Casuarina glauca	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2750	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2751	Casuarina cunninghamiana	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
2752	Casuarina glauca	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2753	Casuarina glauca	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2754	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2755	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2756	Casuarina glauca	A1	2.4	18.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2757	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2758	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2759	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2760	Casuarina glauca	A1	2.5	20.4	2.0	None	No proposed TPZ encroachment.	Retain and protect
2761	Casuarina glauca	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2762	Casuarina glauca	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2763	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2764	Casuarina glauca	A1	2.6	21.9	2.1	None	No proposed TPZ encroachment.	Retain and protect
2765	Casuarina glauca	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2766	Syncarpia glomulifera	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2767	Casuarina glauca	A1	4.1	52.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2768	Casuarina glauca	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2769	Acacia spp	A2	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2770	Casuarina glauca	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2771	Acacia spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2772	Casuarina glauca	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2773	Casuarina glauca	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2774	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2775	Casuarina glauca	A1	2.4	18.1	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2776	Casuarina glauca	A1	3.6	40.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
2777	Casuarina glauca	A1	2.3	16.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
2778	Casuarina glauca	A1	3.6	40.7	2.3	None	No proposed TPZ encroachment.	Retain and protect
2779	Casuarina glauca	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
2780	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2781	Casuarina glauca	Z9	3.2	33.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
2782	Casuarina cunninghamiana	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
2783	Casuarina cunninghamiana	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2784	Casuarina glauca	A1	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2785	Casuarina cunninghamiana	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2786	Casuarina glauca	A1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2787	Casuarina glauca	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2788	Casuarina glauca	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2789	Casuarina glauca	A1	2.4	18.1	2.1	None	No proposed TPZ encroachment.	Retain and protect
2790	Casuarina glauca	A1	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2791	Syncarpia glomulifera	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2792	Casuarina glauca	A1	3.1	30.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
2793	Casuarina glauca	A1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
2794	Casuarina glauca	A1	4.2	55.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2795	Casuarina glauca	A1	5.0	79.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
2796	Casuarina glauca	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2797	Syncarpia glomulifera	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2798	Casuarina glauca	A1	5.5	96.1	2.4	None	No proposed TPZ encroachment.	Retain and protect
2799	Casuarina glauca	A1	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
2800	Elaeocarpus reticulatus	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2801	Casuarina glauca	A1	5.8	104.2	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2802	Cinnamomum camphora	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2803	Ligustrum lucidum	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2804	Casuarina cunninghamiana	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
2805	Plumeria spp	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2806	Lagerstroemia indica	A1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2807	X Cupressocyparis leylandii	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2808	X Cupressocyparis leylandii	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2809	X Cupressocyparis leylandii	Z3	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
2810	Cinnamomum camphora	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2811	X Cupressocyparis leylandii	Z3	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2812	X Cupressocyparis leylandii	Z3	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2813	Magnolia x soulangiana	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2814	Callistemon viminalis	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2815	Callistemon salignus	A1	7.3	168.5	2.9	None	No proposed TPZ encroachment.	Retain and protect
2816	Eucalyptus cinerea	Z4	7.8	191.1	2.8	None	No proposed TPZ encroachment.	Retain and protect
2817	Melaleuca armillaris	A1	4.3	58.8	2.6	None	No proposed TPZ encroachment.	Retain and protect
2818	Melaleuca armillaris	Z9	3.9	48.0	2.5	None	No proposed TPZ encroachment.	Retain and protect
2819	Pittosporum undulatum	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2820	Callistemon viminalis	Z1	2.0	12.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2821	Callistemon viminalis	Z9	2.4	18.1	2.1	None	No proposed TPZ encroachment.	Retain and protect
2822	Callistemon viminalis	Z9	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2823	Eucalyptus scoparia	Z3	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2824	Eucalyptus scoparia	Z3	10.8	366.4	3.2	None	No proposed TPZ encroachment.	Retain and protect
2825	Eucalyptus scoparia	Z3	8.4	221.7	3.0	None	No proposed TPZ encroachment.	Retain and protect
2826	Eucalyptus scoparia	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2827	Eucalyptus scoparia	Z3	7.2	162.9	2.9	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2828	Callistemon viminalis	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2829	Eucalyptus scoparia	Z3	8.6	234.5	3.0	None	No proposed TPZ encroachment.	Retain and protect
2830	Platanus x hispanica	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2831	Eucalyptus scoparia	Z3	4.6	65.3	2.5	None	No proposed TPZ encroachment.	Retain and protect
2832	Eucalyptus nicholii	Z3	7.7	185.5	3.2	None	No proposed TPZ encroachment.	Retain and protect
2833	Eucalyptus scoparia	Z3	2.4	18.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2834	Eucalyptus scoparia	Z3	7.2	162.9	3.1	None	No proposed TPZ encroachment.	Retain and protect
2835	Callistemon viminalis	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2836	Eucalyptus scoparia	Z3	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
2837	Callistemon viminalis	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2838	Eucalyptus scoparia	Z3	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
2839	Eucalyptus scoparia	Z3	7.2	162.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
2840	Acacia longifolia	A1	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2841	Acacia longifolia	A1	2.5	20.4	2.0	None	No proposed TPZ encroachment.	Retain and protect
2842	Eucalyptus spp	Z4	4.6	65.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2843	Syzygium australe	A1	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
2844	Syzygium australe	A1	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
2845	Schefflera actinophylla	Z3	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2846	Ligustrum lucidum	Z3	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
2847	Olea europaea subsp. cuspidata	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2848	Schefflera actinophylla	Z3	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2849	Quercus robur	A1	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
2850	Ligustrum lucidum	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2851	Ligustrum lucidum	Z3	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2852	Quercus robur	A1	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
2853	Cinnamomum camphora	A1	6.4	127.8	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2854	Acacia parramattensis	A1	2.9	26.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2855	Acacia spp	Z4	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2856	Brachychiton acerifolius	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2857	Acacia parramattensis	A1	2.2	15.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2858	Eucalyptus saligna	A1	4.2	55.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2859	Grevillea robusta	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2860	Grevillea robusta	Z4	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2861	Acacia parramattensis	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2862	Melaleuca armillaris	A1	2.8	24.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2863	Callistemon salignus	A1	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
2864	Eucalyptus spp	A2	5.9	108.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
2865	Eucalyptus spp	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2866	Acacia spp	A1	2.1	13.8	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2867	Acacia spp	Z4	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2868	Leptospermum petersonii	A2	3.7	42.0	2.4	None	No proposed TPZ encroachment.	Retain and protect
2869	Acacia spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2870	Jacaranda mimosifolia	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2871	Nerium oleander	Z1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2872	Callistemon viminalis	Z5	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2873	Nerium oleander	Z1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2874	Eucalyptus paniculata	A1	3.7	43.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
2875	Eucalyptus microcorys	A1	5.5	95.7	2.6	None	No proposed TPZ encroachment.	Retain and protect
2876	Echinopsis pachanoi	A1	3.8	46.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
2877	Agonis flexuosa	Z4	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2878	Ligustrum lucidum	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2879	Pittosporum undulatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2880	Ligustrum lucidum	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2881	Cinnamomum camphora	Z3	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
2882	Pittosporum undulatum	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2883	Cinnamomum camphora	Z3	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2884	Jacaranda mimosifolia	A1	3.8	46.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
2885	Grevillea robusta	A1	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2886	Cinnamomum camphora	Z3	5.3	87.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
2887	Washingtonia robusta	A1	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
2888	Pittosporum undulatum	Z4	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2889	Buckinghamia celsissima	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2890	Buckinghamia celsissima	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2891	Buckinghamia celsissima	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2892	Buckinghamia celsissima	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2893	Buckinghamia celsissima	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2894	Cinnamomum camphora	Z3	6.5	132.3	2.5	None	No proposed TPZ encroachment.	Retain and protect
2895	Cinnamomum camphora	Z3	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
2896	Cinnamomum camphora	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2897	Schefflera actinophylla	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2898	Unknown spp	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
2899	Casuarina glauca	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2900	Casuarina glauca	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2901	Callistemon viminalis	A1	2.0	12.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
2902	Archontophoenix cunninghamiana	Z1	2.0	12.6	NA	None	No proposed TPZ encroachment.	Retain and protect
2903	Casuarina glauca	A1	5.0	79.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
2904	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2905	Corymbia maculata	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2906	Grevillea robusta	Z10	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
2907	Jacaranda mimosifolia	A1	4.7	69.0	2.5	None	No proposed TPZ encroachment.	Retain and protect
2908	Punica granatum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2909	Hibiscus spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2910	Olea europaea	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
2911	Melaleuca bracteata	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2912	Olea europaea	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
G25	Bambusa textilis	Z3	2.0	12.6	NA	None	Group of Slender Weaver Bamboo. No proposed TPZ encroachment.	Retain and protect
2913	Archontophoenix cunninghamiana	Z3	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
2914	Elaeocarpus reticulatus	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
2915	Elaeocarpus reticulatus	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2916	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2917	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2918	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2919	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2920	Elaeocarpus reticulatus	Z4	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2921	Elaeocarpus reticulatus	Z4	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2922	X Cupressocyparis leylandii	Z3	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
2923	X Cupressocyparis leylandii	Z3	4.3	58.8	2.2	None	No proposed TPZ encroachment.	Retain and protect
2924	X Cupressocyparis leylandii	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2925	X Cupressocyparis leylandii	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2926	X Cupressocyparis leylandii	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2927	X Cupressocyparis leylandii	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2928	X Cupressocyparis leylandii	Z3	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
2929	X Cupressocyparis leylandii	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2930	X Cupressocyparis leylandii	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2931	Archontophoenix cunninghamiana	Z3	2.0	12.6	NA	None	No proposed TPZ encroachment.	Retain and protect
2932	Cupressus sempervirens 'stricta'	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2933	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2934	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2935	Callistemon viminalis	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2936	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2937	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2938	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2939	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2940	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2941	Callistemon viminalis	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2942	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2943	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2944	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2945	Jacaranda mimosifolia	A1	4.1	52.9	2.3	None	No proposed TPZ encroachment.	Retain and protect
2946	Ligustrum lucidum	Z3	3.5	38.5	2.3	None	No proposed TPZ encroachment.	Retain and protect
2947	Acacia spp	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
2948	Elaeocarpus reticulatus	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2949	Elaeocarpus reticulatus	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2950	Callistemon viminalis	A1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
2951	Corymbia citriodora	A1	9.4	275.2	3.2	None	No proposed TPZ encroachment.	Retain and protect
2952	Jacaranda mimosifolia	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
2953	Corymbia citriodora	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2954	Callistemon viminalis	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
2955	Callistemon viminalis	A1	3.4	36.2	2.2	None	No proposed TPZ encroachment.	Retain and protect
2956	Eucalyptus spp	A1	9.7	296.8	3.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2957	Cinnamomum camphora	Z3	4.7	69.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2958	Corymbia maculata	A1	15.0	706.9	3.9	None	No proposed TPZ encroachment.	Retain and protect
2959	Callistemon salignus	A1	3.8	46.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2960	Callistemon salignus	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
2961	Eucalyptus saligna	A1	15.0	706.9	4.0	None	No proposed TPZ encroachment.	Retain and protect
2962	Cinnamomum camphora	Z3	11.1	385.7	3.9	None	No proposed TPZ encroachment.	Retain and protect
2963	Callistemon salignus	A1	3.5	38.0	2.3	None	No proposed TPZ encroachment.	Retain and protect
2964	Grevillea robusta	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2965	Grevillea robusta	A1	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2966	Cinnamomum camphora	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2967	Corymbia citriodora	A1	4.1	52.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
2968	Grevillea robusta	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
2969	Cinnamomum camphora	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2970	Grevillea robusta	A2	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2971	Cinnamomum camphora	Z3	15.0	706.9	3.9	None	No proposed TPZ encroachment.	Retain and protect
2972	Callistemon salignus	A1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
2973	Cinnamomum camphora	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2974	Cinnamomum camphora	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2975	Cinnamomum camphora	Z3	2.5	20.4	2.0	None	No proposed TPZ encroachment.	Retain and protect
2976	Erythrina x sykesii	Z3	14.4	651.4	3.6	None	No proposed TPZ encroachment.	Retain and protect
2977	Erythrina x sykesii	Z3	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
2978	Erythrina x sykesii	Z3	4.0	49.8	2.2	None	No proposed TPZ encroachment.	Retain and protect
2979	Erythrina x sykesii	Z3	6.6	137.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
2980	Ailanthus altissima	Z3	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
2981	Ailanthus altissima	Z3	4.2	55.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
2982	Callistemon salignus	A1	3.8	46.3	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2983	Ailanthus altissima	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2984	Eucalyptus microcorys	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
2985	Grevillea robusta	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2986	Casuarina glauca	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2987	Grevillea robusta	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
2988	Casuarina glauca	A1	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
2989	Acer negundo	Z3	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
2990	Bambusa spp	Z3	2.0	12.6	NA	None	No proposed TPZ encroachment.	Retain and protect
2991	Elaeocarpus reticulatus	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2992	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2993	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
2994	Elaeocarpus reticulatus	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
2995	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
2996	Ligustrum lucidum	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
2997	Citrus spp	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
2998	Jacaranda mimosifolia	A1	5.8	104.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
2999	Cinnamomum camphora	A1	14.4	651.4	3.6	None	No proposed TPZ encroachment.	Retain and protect
3000	Eriobotrya japonica	Z3	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
3001	Grevillea robusta	A1	7.8	191.1	2.9	None	No proposed TPZ encroachment.	Retain and protect
3002	Ligustrum lucidum	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
3003	Acmena smithii	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
3004	Archontophoenix cunninghamiana	A1	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
3005	Callistemon viminalis	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3006	Citharexylum spinosum	A1	5.8	104.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
3007	Laurus nobilis	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
3008	Laurus nobilis	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3009	Olea europaea	Z1	2.2	15.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
3010	Grevillea robusta	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
3011	Ficus rubiginosa	A1	10.2	326.9	3.3	None	No proposed TPZ encroachment.	Retain and protect
3012	Ficus rubiginosa	A1	12.1	461.5	3.6	None	No proposed TPZ encroachment.	Retain and protect
3013	Ficus rubiginosa	A2	8.2	210.1	3.2	None	No proposed TPZ encroachment.	Retain and protect
3014	Ficus rubiginosa	A2	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
3015	Ficus rubiginosa	A1	13.2	547.4	3.4	None	No proposed TPZ encroachment.	Retain and protect
3016	Ficus rubiginosa	A1	9.8	304.2	3.3	None	No proposed TPZ encroachment.	Retain and protect
3017	Ficus rubiginosa	A1	10.2	326.9	3.2	None	No proposed TPZ encroachment.	Retain and protect
3018	Ficus rubiginosa	A1	7.2	161.3	3.2	None	No proposed TPZ encroachment.	Retain and protect
3019	Ficus rubiginosa	A1	9.1	261.4	3.4	None	No proposed TPZ encroachment.	Retain and protect
3020	Lophostemon confertus	A1	4.9	76.0	2.4	None	No proposed TPZ encroachment.	Retain and protect
3021	Lophostemon confertus	A1	6.2	122.3	2.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3022	Ficus rubiginosa	A1	6.0	113.1	2.5	None	No proposed TPZ encroachment.	Retain and protect
3023	Ficus rubiginosa	A1	8.4	220.9	3.3	None	No proposed TPZ encroachment.	Retain and protect
3024	Melia azedarach	Z3	2.2	14.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
3025	Ficus rubiginosa	Z4	9.0	254.5	3.0	None	No proposed TPZ encroachment.	Retain and protect
3026	Ficus rubiginosa	A1	15.0	706.9	3.8	None	No proposed TPZ encroachment.	Retain and protect
3027	Celtis sinensis	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3028	Eucalyptus spp	Z10	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
3029	Ficus rubiginosa	A2	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
3030	Melia azedarach	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3031	Ficus rubiginosa	A2	13.2	547.4	3.6	None	No proposed TPZ encroachment.	Retain and protect
3032	Ficus rubiginosa	A1	13.2	547.4	3.4	None	No proposed TPZ encroachment.	Retain and protect
3033	Callistemon viminalis	A1	4.2	55.4	2.2	None	No proposed TPZ encroachment.	Retain and protect
3034	Ficus rubiginosa	A1	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3035	Eucalyptus saligna	A1	4.4	61.9	2.3	None	No proposed TPZ encroachment.	Retain and protect
3036	Celtis sinensis	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
3037	Melia azedarach	Z3	2.4	17.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
3038	Cinnamomum camphora	Z3	10.2	326.9	3.1	None	No proposed TPZ encroachment.	Retain and protect
3039	Acacia spp	Z10	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
3040	Cinnamomum camphora	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
3041	Cinnamomum camphora	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
3042	Cinnamomum camphora	Z3	2.8	24.9	2.1	None	No proposed TPZ encroachment.	Retain and protect
3043	Casuarina cunninghamiana	A1	6.6	136.8	2.8	None	No proposed TPZ encroachment.	Retain and protect
3044	Casuarina cunninghamiana	A1	7.7	185.3	2.9	None	No proposed TPZ encroachment.	Retain and protect
3045	Casuarina cunninghamiana	A1	4.0	49.3	2.4	None	No proposed TPZ encroachment.	Retain and protect
3046	Casuarina cunninghamiana	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
3047	Casuarina cunninghamiana	A1	6.5	131.9	2.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3048	Casuarina cunninghamiana	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
3049	Casuarina cunninghamiana	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
3050	Casuarina cunninghamiana	A1	4.7	68.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
3051	Casuarina cunninghamiana	A1	6.4	127.1	2.8	None	No proposed TPZ encroachment.	Retain and protect
3052	Casuarina cunninghamiana	A1	5.5	95.7	2.5	None	No proposed TPZ encroachment.	Retain and protect
3053	Casuarina cunninghamiana	A1	7.8	191.1	3.0	None	No proposed TPZ encroachment.	Retain and protect
3054	Eucalyptus spp	A2	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
3055	Eucalyptus botryoides	A1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
3056	Allocasuarina torulosa	A1	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
3057	Allocasuarina torulosa	A1	6.1	117.8	2.5	None	No proposed TPZ encroachment.	Retain and protect
3058	Allocasuarina torulosa	A1	5.9	108.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
3059	Casuarina cunninghamiana	A1	7.7	185.3	2.8	None	No proposed TPZ encroachment.	Retain and protect
3060	Casuarina cunninghamiana	A1	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3061	Casuarina cunninghamiana	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
3062	Casuarina cunninghamiana	A1	6.7	141.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
3063	Casuarina cunninghamiana	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
3064	Casuarina cunninghamiana	A1	5.3	87.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
3065	Casuarina cunninghamiana	A1	7.9	197.1	2.9	None	No proposed TPZ encroachment.	Retain and protect
3066	Casuarina cunninghamiana	A1	4.6	65.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
3067	Casuarina cunninghamiana	A1	4.8	72.4	2.5	None	No proposed TPZ encroachment.	Retain and protect
3068	Casuarina cunninghamiana	A1	6.5	131.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
3069	Casuarina cunninghamiana	A1	5.2	83.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
3070	Casuarina cunninghamiana	A1	6.4	127.1	2.8	None	No proposed TPZ encroachment.	Retain and protect
3071	Casuarina cunninghamiana	A1	6.8	147.0	2.8	None	No proposed TPZ encroachment.	Retain and protect
3072	X Cupressocyparis leylandii	Z3	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
3073	X Cupressocyparis leylandii	Z3	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3074	Celtis sinensis	Z3	5.8	104.2	2.5	None	No proposed TPZ encroachment.	Retain and protect
3075	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
3076	Acacia spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3077	Syzygium spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3078	Acacia spp	Z1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
3079	Photinia robusta	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
3080	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
3081	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
3082	Murraya paniculata	Z1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
3083	Ulmus glabra	Z10	3.2	32.1	2.3	None	No proposed TPZ encroachment.	Retain and protect
3084	Ulmus glabra	Z10	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
3085	Ulmus glabra	Z10	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
3086	Ulmus glabra	Z10	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3087	Celtis sinensis	Z3	4.2	54.3	2.6	None	No proposed TPZ encroachment.	Retain and protect
3088	Celtis sinensis	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
3089	Celtis sinensis	Z3	2.5	20.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
3090	Cinnamomum camphora	Z3	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
3091	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
3092	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
3093	Celtis sinensis	Z3	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3094	Jacaranda mimosifolia	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3095	Celtis sinensis	Z3	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3096	Callistemon viminalis	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
3097	Eucalyptus scoparia	A1	5.5	95.7	2.6	None	No proposed TPZ encroachment.	Retain and protect
3098	Robinia pseudoacacia 'Frisia'	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
3099	Casuarina glauca	Z10	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3101	Citharexylum spinosum	Z3	7.2	162.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
3103	Agonis flexuosa	Z10	7.2	162.9	2.7	None	No proposed TPZ encroachment.	Retain and protect
3104	Triadica sebifera	Z10	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
3105	Casuarina cunninghamiana	Z10	5.3	87.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
3106	Casuarina cunninghamiana	Z10	3.8	46.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
3100	Allocasuarina torulosa	Z10	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
3102	Eucalyptus nicholii	Z10	4.6	65.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
3107	Jacaranda mimosifolia	A1	4.7	68.8	2.4	None	No proposed TPZ encroachment.	Retain and protect
3108	Callistemon viminalis	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
3109	Grevillea robusta	Z10	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
3110	Eucalyptus saligna	A2	15.0	706.9	3.9	None	No proposed TPZ encroachment.	Retain and protect
3111	Callistemon viminalis	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
3112	Hymenosporum flavum	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3113	Brachychiton acerifolius	A1	2.7	23.5	1.8	None	No proposed TPZ encroachment.	Retain and protect
3114	Callistemon viminalis	Z1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
3115	Grevillea robusta	Z10	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
3116	Acacia spp	Z10	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3117	Brachychiton acerifolius	Z10	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
3118	Casuarina glauca	Z10	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
3119	Brachychiton acerifolius	Z10	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
3120	Acacia spp	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3121	Callistemon viminalis	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
3122	Grevillea robusta	Z10	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
3123	Callistemon viminalis	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3124	Casuarina cunninghamiana	Z10	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3125	Callistemon viminalis	Z1	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3126	Acacia parramattensis	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3127	Casuarina glauca	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3128	Casuarina glauca	Z10	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
3129	Casuarina glauca	Z10	3.4	35.5	2.0	None	No proposed TPZ encroachment.	Retain and protect
3130	Casuarina glauca	Z10	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
3131	Casuarina cunninghamiana	A1	4.9	76.0	2.5	None	No proposed TPZ encroachment.	Retain and protect
3132	Casuarina cunninghamiana	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
3133	Casuarina cunninghamiana	A1	2.9	26.1	2.1	None	No proposed TPZ encroachment.	Retain and protect
3134	Casuarina cunninghamiana	A1	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
3135	Casuarina cunninghamiana	A1	2.5	20.0	1.9	None	No proposed TPZ encroachment.	Retain and protect
3136	Casuarina cunninghamiana	A1	5.8	104.2	2.6	None	No proposed TPZ encroachment.	Retain and protect
3137	Casuarina cunninghamiana	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3138	Casuarina cunninghamiana	A1	3.5	38.0	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3139	Casuarina cunninghamiana	A1	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect
3140	Casuarina cunninghamiana	A1	5.0	79.8	2.5	None	No proposed TPZ encroachment.	Retain and protect
3141	Casuarina cunninghamiana	A1	3.7	43.5	2.4	None	No proposed TPZ encroachment.	Retain and protect
3142	Casuarina cunninghamiana	A1	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect
3144	Jacaranda mimosifolia	A1	3.6	39.9	2.2	None	No proposed TPZ encroachment.	Retain and protect
3145	Unknown spp	A1	6.2	122.3	2.6	None	No proposed TPZ encroachment.	Retain and protect
3143	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
3146	Acacia longifolia	Z4	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3147	Acacia longifolia	A1	3.5	38.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
3148	Cinnamomum camphora	Z3	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
3149	Salix matsudana 'Tortuosa'	A1	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
3150	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
3151	Corymbia ficifolia	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3152	Eucalyptus scoparia	A1	7.8	191.1	2.9	None	No proposed TPZ encroachment.	Retain and protect
3153	Cinnamomum camphora	Z3	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
3154	Cinnamomum camphora	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
3155	Cinnamomum camphora	Z3	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
3156	Cinnamomum camphora	Z3	6.6	136.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
3157	Cinnamomum camphora	Z3	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3158	Cinnamomum camphora	Z3	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3159	Archontophoenix cunninghamiana	Z3	2.0	12.6	NA	None	No proposed TPZ encroachment.	Retain and protect
3160	Cinnamomum camphora	Z3	3.8	46.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
3161	Cinnamomum camphora	Z3	4.1	52.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
3162	Mangifera indica	Z3	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
3163	Cinnamomum camphora	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
3164	Cinnamomum camphora	Z3	2.8	24.8	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3165	Cinnamomum camphora	Z3	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
3166	Acacia spp	A1	2.4	18.1	1.7	None	No proposed TPZ encroachment.	Retain and protect
3167	Cinnamomum camphora	Z3	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
3168	Corymbia maculata	A1	8.4	221.7	3.0	None	No proposed TPZ encroachment.	Retain and protect
3169	Psidium guajava	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3170	Celtis sinensis	Z3	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
3171	Cinnamomum camphora	Z3	2.4	17.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3172	Lophostemon confertus	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
3173	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
3174	Acacia longifolia	Z10	3.1	30.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
3175	Fraxinus raywood	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
3176	Callistemon citrinus	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3177	Ligustrum lucidum	Z3	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3178	Acacia decurrens	Z4	2.3	16.3	1.7	None	No proposed TPZ encroachment.	Retain and protect
3179	Cinnamomum camphora	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
3180	Eucalyptus tereticornis	A2	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
3181	Fraxinus raywood	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3182	Casuarina glauca	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3183	X Cupressocyparis leylandii	Z3	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
3184	Grevillea robusta	Z10	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3185	Casuarina glauca	Z10	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
3186	Casuarina glauca	Z10	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3187	Casuarina glauca	Z10	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
3188	Casuarina glauca	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3189	Casuarina glauca	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3190	Casuarina glauca	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3191	Morus nigra	Z3	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
3192	Angophora costata	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
3193	Casuarina glauca	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3194	Casuarina glauca	Z10	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3195	Casuarina glauca	Z10	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3196	Casuarina glauca	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3197	Ligustrum lucidum	Z3	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
3198	Erythrina x sykesii	Z4	6.4	127.8	2.7	None	No proposed TPZ encroachment.	Retain and protect
3199	Pittosporum undulatum	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
3200	Morus nigra	Z3	3.2	32.8	1.8	None	No proposed TPZ encroachment.	Retain and protect
3201	Eucalyptus nicholii	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
3202	Ligustrum lucidum	Z3	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3203	Ficus macrocarpa var. hillii	A1	9.6	289.5	3.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3206	Morus nigra	Z3	5.1	81.4	2.7	None	No proposed TPZ encroachment.	Retain and protect
3207	Eucalyptus saligna	A1	6.0	113.1	2.7	None	No proposed TPZ encroachment.	Retain and protect
3208	Cupressus sempervirens	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
3204	Casuarina glauca	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3205	Casuarina glauca	Z10	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3209	X Cupressocyparis leylandii	Z3	6.0	113.1	2.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
3210	Celtis sinensis	Z3	2.0	12.6	1.7	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
3211	Acacia spp	Z10	3.4	37.3	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
3212	Callistemon viminalis	A1	3.6	40.7	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
3213	Acacia spp	A1	2.0	12.6	1.6	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
3214	Callistemon viminalis	A1	3.1	30.1	2.0	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
3215	Acacia spp	Z10	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
3216	Triadica sebifera	Z10	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3217	Celtis sinensis	Z3	3.4	35.5	2.1	None	Not assessed within this report. Located within T2M Scope.	Retain and protect#
3218	Allocasuarina littoralis	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3219	Allocasuarina littoralis	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
3220	Allocasuarina littoralis	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3221	Casuarina glauca	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
3222	Eucalyptus paniculata	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3223	Angophora costata	A1	6.5	132.3	2.7	None	No proposed TPZ encroachment.	Retain and protect
3224	Casuarina glauca	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3225	Casuarina glauca	A1	4.0	49.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
3226	Casuarina glauca	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
3227	Casuarina glauca	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
3228	Casuarina glauca	A1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
3229	Angophora costata	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention Value (Tree AZ)	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Assessment of development impact	Recommendation
3230	Angophora costata	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
3231	Casuarina glauca	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
3232	Casuarina glauca	A1	6.0	113.1	2.8	None	No proposed TPZ encroachment.	Retain and protect
G26	Mixed spp	A1	3.6	40.7	2.1	Major	Area inaccessible between Myrtle Street and Carrington Road. Tree data estimated from Myrtle Street. Group of approximately 20 trees, including Acacia spp, Eucalyptus spp, Ligustrum spp, Cinnamomum camphora. The proposed security fence will not impact the larger and more significant trees located to the East of the group. The smaller weed species trees to the West of the group will potentially be impacted by the proposed security fence. The weed species trees should not be a constraint to the development and are recommended for removal.	Remove weed species only

Notes

- Retain and protect* = The proposed construction must be completed in accordance with section 10.3 to reduce the impact to the tree.
- Retain and protect# = Not assessed within this report. Located within T2M scope.
- Remove* = The tree is located within the site boundary and is recommended for removal due to major TPZ/SRZ encroachment. It may be possible to retain this tree through detailed site investigations to determine the trees viability for retention, i.e. root investigations, tree sensitive design/construction.
- Remove* & # = The tree is located outside the site boundary and is recommended for removal due to major TPZ/SRZ encroachment. It may be possible to retain this tree through detailed site investigations to determine the trees viability for retention, i.e. root investigations, tree sensitive design/construction.
- Remove# = The tree is located outside the site boundary and will be subject to major TPZ/SRZ encroachment. Recommended for removal.

10. DISCUSSION OF IMPACT ASSESSMENT

10.1 **General:** The assessment of development impacts has been undertaken by reviewing the proposed site plans only. The TPZ area identified within AS4970-2009 is an indicative area only that is calculated to assist with determining if a tree is likely to be impacted by development works. The distribution of roots within a TPZ is generally not uniform and can be affected by existing features, such as structures (retaining walls, dwellings etc.) or topography (rock outcrops, slopes etc.). See appendix 3 for a brief description of a trees root system. Where major TPZ encroachment is proposed, the project Arborist must demonstrate that the tree will remain viable. In some cases, it may be possible to demonstrate through detailed site investigations or tree sensitive construction methods that trees will be viable for retention. Some specific trees within the report that are subject to major TPZ encroachment have been recommended to be removed due to indicative development impacts, however it may be possible to retain the trees through tree sensitive design/construction (section 10.3) or more detailed assessments, including root investigations. See appendix 2 for more information in regard to root investigations.

10.2 **Assessment of TPZ Encroachments:** The TPZ and SRZ of each tree or tree group has been overlaid onto the plans. The percentage of TPZ encroachment from the proposed structures has been calculated in the assessment of construction impacts in section 9. For the purpose of this report, the recommendations for tree retention/removal due to TPZ encroachments have been based on the following;

- Trees that are subject to TPZ encroachments of less than 10%, with no encroachment into the SRZ, have been recommended to be retained as the impact to the tree will be minor and acceptable (only if not impacted by other development works).
- Trees that are subject to TPZ encroachments of less than 15%, with no encroachment into the SRZ, have been recommended to be retained as the impact to the tree will be acceptable (only if not impacted by other development works and the trees are in good condition, indicating they have the capacity to tolerate some root disturbance)
- Trees that are subject to TPZ encroachment of 15-35%, with no encroachment into the SRZ, have been recommended to be retained, subject to tree sensitive design and construction recommended in section 10.3. Detailed root investigations can also be undertaken to identify significant roots within the area of TPZ encroachment that should be retained. The percentage of TPZ encroachment for these trees indicates that the condition of the trees will potentially be impacted, however this impact can be satisfactorily mitigated via the recommended tree sensitive construction measures.
- Some Category Z retention trees that are subject to TPZ encroachments of 10-35% have also been recommended for removal based on their condition, species (exempt species/noxious weeds) or size (insignificant/small trees that should not be a constraint to the development).
- Trees that are subject to TPZ encroachment greater than 35% from some proposed structures have been recommended to be removed, as there is likely to be a high impact to the trees condition.
- Any trees that are subject to SRZ encroachment have been recommended for removal, as severing significant roots in the SRZ will potentially impact the trees stability.

10.3 **Tree Sensitive Design/Construction:** Trees that are subject to TPZ encroachment of 15-35%, with no encroachment into the SRZ, have been recommended to be retained, subject to the following tree sensitive design and construction. If the construction cannot be completed in accordance with these specifications, the trees may not be viable for retention.

10.3.1 **Security Fence:** The proposed fencing will be installed using post and rail type construction. The posts will be spaced at 2.4m intervals. To ensure the trees are not significantly impacted by the works, the initial 600mm of excavations for the post holes within the TPZ must be excavated manually. No posts are to be located within the SRZ of trees to be retained or root investigations will be required to determine the post location. See appendix 2 for more information in regard to root investigations. All rails/horizontal materials are to be located on or above existing soil grades. This will allow for the majority of the root system to be retained between the posts, minimising root loss

10.3.2 **Tree Sensitive Footings**: To minimise root loss in the TPZ of the trees, the footings of proposed structures within the TPZ should be pier and beam/suspended slab style footings to bridge over significant tree roots and minimise root loss. To ensure that significant tree roots are retained, it must be demonstrated by the project engineer that the following construction methods can be implemented;

- All excavations for piers must be carried out manually under the supervision of the project Arborist (see section 13 for details of manual excavation and project Arborist).
- The location of piers must be flexible to avoid significant roots (roots greater than 40mm in diameter). All roots greater than 40mm in diameter must be retained unless the project arborist has assessed and approved in writing that severing the root will not impact the condition or stability of the tree.
- Cross beams/slabs must be located on or above the existing soil grades.
- The piers should be located a minimum of 200mm from any root to be retained that is greater than 40mm in diameter.

10.3.3 **Tree Sensitive Hard Surfacing Construction:** To retain the trees in a viable condition, the hard surfacing must be constructed in a tree sensitive method. The hard surfacing should be constructed above existing grades in the TPZ of the trees. The diagram below (Image A) gives an example of a no-excavation method for constructing hard surfacing close to trees. The location of retaining pegs should be flexible, avoiding damage to structural roots.

If excavations are essential, they must not exceed 100mm below the existing grades. The excavations should be supervised by a project Arborist with a minimum AQF level 5 qualification. All excavations for the hard surfacing should be carried out manually to avoid impacting retained tree roots. All tree roots greater than 40mm in diameter should be retained, unless the project arborist has assessed and advised that the pruning/severing of the root will not impact the condition or stability of the tree. Manual excavation may include the use of pneumatic and hydraulic tools, high-pressure air or a combination of high-pressure water and a vacuum device.

Where tree roots greater than 40mm are encountered that must be retained, the hard surfacing should be elevated over the individual tree root to allow for its retention. Examples of methods that can be used to bridge individual tree roots have been included below (Image B and C). Using pier and beam bridges as per image C is the recommended/preferred method, as it will allow for future growth of the tree roots, reducing future damage to the hard surfacing from the roots.

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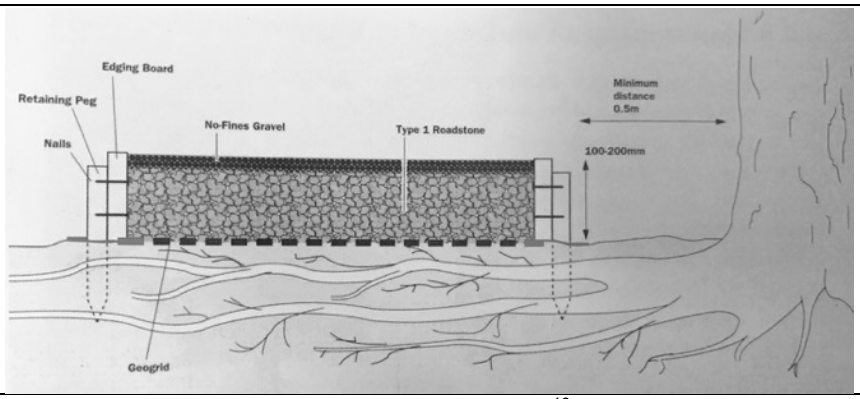

Image A: An image from 'Tree Roots in the Built Environment'[10], showing how to construct hard surfacing above a trees root system without excavation. Type 1 Roadstones are an example of blue metal or crushed sandstone.

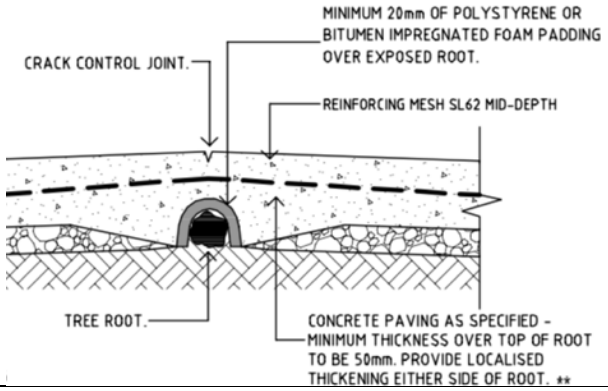

Image B: Example method for bridging concrete footpaths over tree roots provided in the Canterbury Bankstown Council standard drawings.[11]

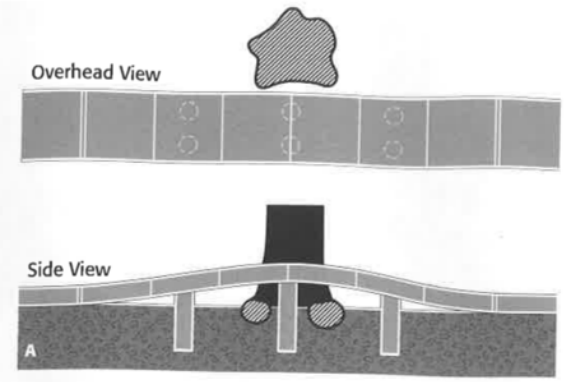

Image C: Example method from Reducing infrastructure damage by tree roots: A compendium of strategies.[12]

[10] Roberts, J., Jackson, N., & Smith, M., *Tree Roots in the Built Environment*, The Stationary Office, London, England (2006). Page 305 & 306.

[11] *Canterbury Bankstown Council standard drawing S-209 Existing street tree treatments*, https://www.cbcity.nsw.gov.au/development/planning-control-policies/council-standard-drawings, accessed 3 October 2019.

[12] Costello, L. R., & Jones, K. S, *Reducing infrastructure damage by tree roots: A compendium of strategies*, Western Chapter of the International Society of Arboriculture, 31883 Success Valley Drive, Porterville, CA (2003), page 27.

10.3.4 **Tree Sensitive Retaining Walls:** To reduce the impact of retaining walls, timber sleeper retaining walls should be used to avoid severing/pruning significant roots in the TPZ (no continuous strip footing). During the construction of the retaining walls, all sleepers should be located on or above existing soil grades, and piers/posts locations should be flexible to avoid significant roots (roots greater than 40mm in diameter) that are critical to the health and stability of the tree. The project Arborist should directly supervise the construction of retaining walls and no roots greater than 40mm in diameter should be pruned/severed unless assessed and approved in writing by the project Arborist.

10.3.5 **Retaining Walls to Limit Cut and Fill in the TPZ:** The image below (Image D) is an example of how a retaining wall can limit fill within the TPZ.

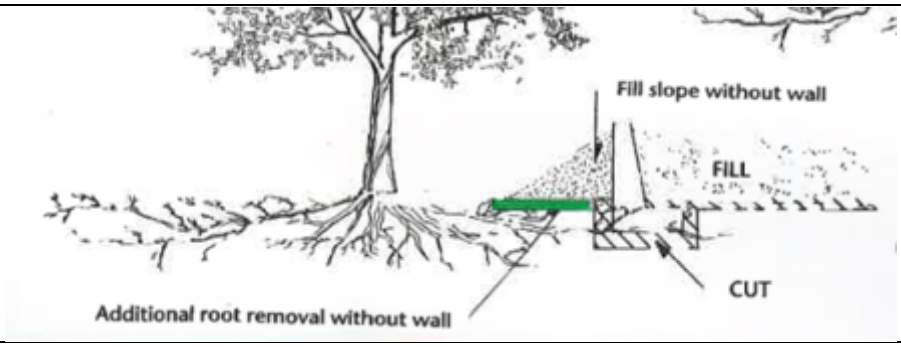

Image D: An image from A technical guide to preservation of trees during land development ,[13] showing how retaining walls can be used to limit fill inside the TPZ.

10.3.6 **Fill in the TPZ:** Tree roots require water, nutrients and air/gaseous exchange to function properly. Increasing the soil level in the TPZ can impact the trees by reducing the availability of water, nutrients and air to the trees underlying root system and can cause the decline of a trees health and vigour, potentially causing the death of the tree. Placing fill directly against the trunk of a tree can potentially cause collar rot. Collar rot forms when soil against the trunk of the tree accelerates sapwood or heartwood decay.[14] Fill material of less than 0.2 metres will not significantly impact trees. Where fill material of more than 0.2 metres is proposed in the TPZ, a structural/gap graded soil should be used that allows filtration of water, nutrients and gaseous exchange to the trees underlying root system. A suitable soil should consist of a mixing ratio of 80% angular size aggregate (crushed stone or coarse sand) and 20% filler soil by volume (clay loam). The aggregate size part should range from 1.5-2.5cm. The filler soil should contain 2-5% organic matter by dry weight. A soil specialist will be able to provide additional information in relation to soil specifications.

[13] Matheny, N. & Clark, J. R, *A technical guide to preservation of trees during land development*, International Society of Arboriculture, P.O Box 3029, Champaign, IL, USA (1998), page 98.

[14] Dunster, Julian A., Thomas Smiley, Nelda Matheny, and Sharon Lilly, *Tree Risk Assessment Manual*, Champaign, Illinois: International Society of Arboriculture (2013), page 108.

10.3.7 **Combined Service Routes (CSR):** The proposed CSR will be installed using post excavations and horizontal service lines. To ensure the trees are not significantly impacted by the works, the initial 600mm of excavations for the post holes within the TPZ must be excavated manually. The post location must be flexible to avoid the severance of significant roots 40mm and greater in diameter. No posts are to be located within the SRZ or root investigations will be required to determine the post location. See appendix 2 for more information in regard to root investigations. All horizontal service lines will be located above ground and will not impact the trees. This will allow for the majority of the root system to be retained between the posts, minimising root loss.

10.3.8 **Underground Services:** AS4790-2009 recommends that all underground services located inside the TPZ of any tree to be retained must be installed via tree sensitive techniques. This should include either directional drilling methods or manual excavations to minimise the impact to trees identified for retention. Section 4.5.5 of AS4970-2009 says that 'The directional drilling bore should be at least 600 mm deep. The project arborist should assess the likely impacts of boring and bore pits on retained trees. For manual excavation of trenches the project arborist should advise on roots to be retained and should monitor the works'.[15]

10.4 **Canopy Pruning:** All canopy pruning required to accommodate the proposed works must be carried out in accordance with AS4373-2007 Pruning of Amenity Trees.[16] The final pruning cuts must be to the branch collar/union. Canopy pruning should not exceed the removal of more than 15% of the live foliage area of a tree. Where required canopy pruning exceeds the removal of more than 15% of the live foliage area, the project arborist must assess the canopy pruning to determine if the condition of the tree will be impacted and if the tree can be retained in a viable condition.

[15] Council Of Standards Australia, *AS 4970 Protection of trees on development sites* (2009) page 18.

[16] Council Of Standards Australia, *AS 4373 Pruning of amenity trees* (2007).

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11. SUMMARY OF DEVELOPMENT IMPACT TO TREES

11.1 **Table 6:** Summary of recommendations

Impact	Category A trees	Category Z trees	Total trees
Trees located within the site boundary recommended to be removed. (recommendation = Remove) - Refer to table 7 for tree numbers	9 + 1 group	64 + 3 groups	73 + 4 groups
Trees located within the site boundary recommended to be removed that will be subject to major TPZ/SRZ encroachment. It may be possible to retain these trees through detailed site investigations. (recommendation = Remove*) - Refer to table 8 for tree numbers	36	5	41
Trees located outside the site boundary recommended to be removed that will be subject to major TPZ/SRZ encroachment. It may be possible to retain these trees through detailed site investigations. (recommendation = Remove* & #) - Refer to table 9 for tree numbers	18	8	26
Trees subject to major TPZ encroachment recommended to be retained, subject to tree sensitive design/construction (recommendation = Retain and protect*) - Refer to table 10 for tree numbers	26	6	32
Trees recommended to be retained. (recommendation = Retain and protect) - Refer to table 11 for tree numbers	1166	998 + 7 groups	2164 + 7 groups
Trees to be retained that have not been assessed within this report. Located within T2M scope. (recommendation = Retain and protect#) - Refer to table 12 for tree numbers	90	92 + 2 groups	182 + 2 groups
		Total	**2518 + 13 groups**

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11.2 **Table 7:** Trees located within the site boundary recommended to be removed (recommendation = Remove)

Retention Value	Tree Number	Total Trees
A	122, 123, 124, 1061, 1073, 1113, 1119, 1365, 1990, **G26**	9 + 1 group
Z	75, 125, 208, 212, 498, 791, 792, 796, 815, 816, 817, 818, 819, 820, 821, 822, 824, 825, 826, 827, 829, 1050, 1054, 1072, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1260, 1261, 1388, 1405, 1410, 1783, 1784, **G18**, 1935, 1998, 1999, **G21**, 2053, 2055, 2056, 2057, 2058, 2059, 2061, 2062, 2064, 2072, 2076, 2081, 2084, 2088, 2089, 2305, **G24**, 2322, 2323	64 + 3 groups
	Total	**73 + 4 groups**

11.3 **Table 8:** Trees located within the site boundary that will be subject to major TPZ/SRZ encroachment, recommended to be removed. It may be possible to retain these trees through detailed site investigations (recommendation = Remove*)

Retention Value	Tree Number	Total Trees
A	74, 90, 91, 92, 128, 129, 511, 912, 1048, 1053, 1059, 1071, 1122, 1126, 1364, 1367, 1390, 1396, 1400, 1414, 1418, 1805, 1951, 1963, 1965, 1967, 2005, 2104, 2105, 2106, 2107, 2157, 2306, 2307, 2308, 2318	36
Z	785, 788, 789, 790, 1969	5
	Total	**41**

11.4 **Table 9:** Trees located outside the site boundary that will be subject to major TPZ/SRZ encroachment, recommended to be removed. It may be possible to retain these trees through detailed site investigations (recommendation = Remove* & #)

Retention Value	Tree Number	Total Trees
A	80c, 80d, 80e, 80f, 80g, 80h, 80i, 213, 214, 911, 913, 914, 915, 916, 917, 1025, 1984, 2095	18
Z	206, 207, 1938, 1981, 1982, 1986, 1987, 2073	8
	Total	**26**

11.5 **Table 10:** Trees subject to major TPZ encroachment recommended to be retained, subject to tree sensitive design/construction (recommendation = Retain and protect*)

Retention Value	Tree Number	Total Trees
A	87, 88, 89, 96, 97, 98, 103, 130, 135, 137, 139, 140, 257, 1008, 1012, 1021, 1046, 1060, 1063, 1067, 1357, 1386, 1425, 1959, 2007, 2054	26
Z	82d, 85, 255, 415, 1971, 2156	6
	Total	**32**

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11.6 **Table 11:** Trees recommended to be retained (recommendation = Retain and protect)

Retention Value	Tree Number	Total Trees
A	1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 65, 66, 67, 68, 69, 70, 71, 72, 73, 77, 78, 79, 80, 80b, 83, 86, 99, 100, 100a, 104, 105, 106, 107, 108, 109, 110, 115, 117, 118, 119, 120, 121, 131, 134, 138, 142, 143, 148, 156, 157, 211, 215, 215b, 216, 224, 225, 226, 227, 228, 229, 229a, 229b, 234, 235, 236, 237, 238, 239, 240, 241, 246, 249, 250, 301, 304, 304a, 307, 308, 367, 368, 369, 370, 371, 372, 373, 409, 410, 414, 423, 431, 445, 455, 458, 459, 461, 462, 466, 469, 472, 477, 478, 479, 483, 487, 488, 503, 510, 512, 745, 746, 747, 748, 750, 751, 752, 753, 754, 755, 760, 761, 762, 763, 764, 766, 767, 768, 772, 784, 786, 787, 793, 795, 797, 798, 799, 800, 802, 803, 804, 808, 831, 835, 839, 845, 846, 848, 849, 850, 851, 853, 854, 855, 856, 857, 862, 863, 864, 866, 868, 869, 870, 873, 876, 878, 879, 880, 882, 918, 919, 920, 923, 924, 927, 928, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 954, 955, 958, 959, 960, 966, 971, 972, 973, 975, 981, 987, 988, 989, 990, 991, 992, 994, 995, 996, 997, 998, 1000, 1001, 1002, 1004, 1006, 1011, 1015, 1019, 1027, 1029, 1031, 1037, 1041, 1057, 1058, 1062, 1064, 1065, 1066, 1069, 1070, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1082, 1083, 1084, 1086, 1088, 1089, 1090, 1092, 1096, 1097, 1100, 1103, 1108, 1109, 1112, 1114, 1115, 1116, 1118, 1120, 1121, 1124, 1127, 1128, 1131, 1133, 1134, 1141, 1142, 1147, 1149, 1150, 1151, 1165, 1181, 1189, 1191, 1195, 1196, 1197, 1200, 1202, 1216, 1226, 1229, 1230, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1247, 1248, 1249, 1251, 1252, 1253, 1255, 1256, 1257, 1263, 1264, 1265, 1266, 1268, 1270, 1272, 1273, 1274, 1275, 1276, 1279, 1311, 1312, 1314, 1315, 1316, 1317, 1319, 1320, 1321, 1323, 1324, 1325, 1326, 1328, 1330, 1334, 1335, 1337, 1341, 1343, 1344, 1345, 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2672, 2673, 2674, 2677, 2678, 2679, 2680, 2681, 2684, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2697, 2698, 2699, 2707, 2710, 2716, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2727, 2730, 2731, 2733, 2734, 2735, 2736, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2764, 2765, 2767, 2768, 2769, 2770, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2804, 2806, 2814, 2815, 2817, 2819, 2830, 2840, 2841, 2843, 2844, 2849, 2852, 2853, 2854, 2857, 2858, 2861, 2862, 2863, 2864, 2865, 2866, 2868, 2870, 2874, 2875, 2876, 2884, 2885, 2887, 2889, 2890, 2891, 2892, 2893, 2898, 2899, 2900, 2901, 2903, 2904, 2905, 2907, 2910, 2911, 2912, 2914,	1166

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Retention Value	Tree Number	Total Trees
	2915, 2945, 2947, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2958, 2959, 2960, 2961, 2963, 2964, 2965, 2967, 2968, 2970, 2972, 2982, 2984, 2985, 2986, 2987, 2988, 2991, 2994, 2998, 2999, 3001, 3003, 3004, 3005, 3006, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3026, 3029, 3031, 3032, 3033, 3034, 3035, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3056, 3057, 3058, 3059, 3060, 3061, 3062, 3063, 3064, 3065, 3066, 3067, 3068, 3069, 3070, 3071, 3079, 3094, 3096, 3097, 3107, 3110, 3113, 3126, 3131, 3132, 3133, 3134, 3135, 3136, 3137, 3138, 3139, 3140, 3141, 3142, 3144, 3145, 3147, 3149, 3152, 3166, 3168, 3175, 3180, 3192, 3199, 3201, 3203, 3207, 3208, 3218, 3219, 3220, 3221, 3222, 3223, 3224, 3225, 3226, 3227, 3228, 3229, 3230, 3231, 3232	
Z	7, 24, 64, 76, 81, 81a, 81b, 81c, 82, 84, 111, 112, 113, 126, 127, 132, 133, 136, 141, 144, 145, 146, 147, 149, 150, 151, 152, 153, 154, 155, 158, 209, 210, **G5**, **G5a**, 216a, 223, 230, 231, 232, 233, 243a, 244, 245, 251, 252, 253, 254, 256, **G6**, 293, 294, 295, 296, 297, 298, 299, 300, 302, 303, 305, 306, 309, 418, 421, 422, 424, 425, 437, 452, 476, 481, 484, 485, 486, 489, 490, 491, 492, 493, 494, 495, 496, 497, 508, 513, 749, 756, 757, 759, 765, 769, 770, 771, 777, 778, 779, 780, 781, 782, 794, 801, 805, 806, 807, 809, 810, 811, 812, 813, 814, 823, 828, 830, 832, 833, 834, 836, 837, 838, 840, 841, 842, 843, 844, 847, 852, 858, 859, 860, 861, 865, 867, 871, 872, 874, 875, 877, 881, 921, 922, 925, 926, 929, 956, 957, 961, 962, 967, 968, 969, 970, 974, 976, 977, 978, 979, 980, 982, 983, 984, 985, 986, 993, 999, 1003, 1005, 1007, 1009, 1010, 1013, 1014, 1016, 1017, 1018, 1020, 1022, 1023, 1024, 1026, 1028, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1049, 1051, 1052, 1055, 1056, 1068, 1081, 1085, 1087, 1091, 1093, 1094, 1095, 1098, 1099, 1101, 1102, 1104, 1105, 1106, 1107, 1110, 1111, 1117, 1123, 1125, 1129, 1130, 1132, 1135, 1136, 1137, 1138, 1139, 1140, 1143, 1144, 1145, 1146, 1148, 1152, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1190, 1192, 1193, 1194, 1198, 1199, 1201, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1227, 1228, 1231, 1232, 1233, 1234, 1235, 1236, 1246, 1250, 1254, 1258, 1259, 1262, 1267, 1269, 1271, 1277, 1278, 1313, 1318, 1322, 1327, 1329, 1331, 1332, 1333, 1336, 1338, 1339, 1340, 1342, 1346, 1350, 1353, 1360, 1361, 1363, 1369, 1370, 1373, 1374, 1375, 1376, 1378, 1380, 1381, 1385, 1391, 1392, 1395, 1406, 1407, 1409, 1411, 1412, 1415, 1417, 1422, 1432, 1771, 1772, 1773, 1774, 1775, 1776, 1778, 1779, 1780, 1781, 1782, 1787, 1789, 1792, 1793, 1795, 1796, 1798, 1799, 1800, 1801, 1803, 1806, 1808, 1809, 1810, 1811, 1812, 1814, 1815, 1816, 1817, 1818, 1819, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1839, 1840, 1843, 1844, 1845, 1846, 1848, 1849, 1851, 1853, 1854, 1855, 1856, 1857, 1859, 1860, 1862, 1863, 1864, 1865, 1866, 1867, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1904, 1905, 1907, 1910, 1911, 1912, 1913, 1915, 1917, 1920, 1921, 1923, 1924, 1925, 1926, 1928, 1929, 1930, 1932, 1934, 1936, 1940, 1941, 1942, 1944, 1946, 1947, 1948, 1950, 1952, 1953, 1955, 1957, 1958, 1960, **G19**, 1962, 1964, **G20**, 1966, 1968, 1970, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1980, 1985, 1988, **G22**, 2008, 2009, 2010, 2011, 2012, 2014, 2015, 2017, 2018, 2021, 2022, 2023, 2028, 2029, 2030, 2031, 2032, 2034, 2036, 2037, 2038, 2041, 2043, 2044, 2045, 2047, 2048, 2049, 2050, 2052, 2060, 2066, 2067, 2068, 2069, 2070, 2075, 2077, 2079, 2080, 2082, 2083, 2086, 2087, 2090, 2096, 2102, 2103, 2113, 2114, 2115, 2116, 2117, 2119, 2121, 2122, 2124, 2127, 2140, 2149, 2158, 2159, 2161, 2165, 2180, 2183, 2185, 2186, 2188, 2189, 2190, 2191, 2193, 2202, 2205, 2207, 2208, 2209, 2210, 2213, 2214, 2217, 2218, 2230, 2233, 2234, 2235, 2236, 2237, 2238, 2244, 2250, 2252, 2256, 2257, 2259, 2260, 2270, 2273, 2276, 2278, 2279, 2280, 2281, 2284, 2286, 2288, 2290, 2297, 2298, 2309, 2312, 2313, 2316, 2319, 2320, 2321, 2324, 2326, 2328, 2330, 2331, 2332, 2336, 2337, 2338, 2340, 2341, 2342, 2346, 2347, 2349, 2351, 2352, 2353, 2354, 2356, 2357, 2358, 2365, 2367, 2369, 2372, 2373, 2374, 2375, 2376, 2385, 2386, 2387, 2388, 2394, 2395, 2396, 2399, 2400, 2404, 2405, 2417, 2419, 2421, 2422, 2423, 2424, 2425, 2430, 2435, 2436, 2437, 2440, 2441, 2453, 2455, 2457, 2458, 2462, 2463, 2471, 2473, 2486, 2493, 2499, 2500, 2504, 2507, 2513, 2515, 2518, 2522, 2523, 2524, 2525, 2526, 2527, 2529, 2531, 2538, 2543, 2550, 2553, 2558, 2560, 2568, 2570, 2577, 2594, 2597, 2599, 2600, 2602, 2603, 2604, 2611, 2612, 2614, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2641, 2648, 2649, 2651, 2653, 2655, 2658, 2660, 2663, 2664, 2668, 2669, 2675, 2676, 2682, 2683, 2685, 2686, 2696, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2708, 2709, 2711, 2712, 2713, 2714, 2715, 2717, 2726, 2728, 2729, 2732, 2737, 2754, 2755, 2763, 2766, 2771, 2780, 2781, 2802, 2803, 2805, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2816, 2818, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2842, 2845, 2846, 2847, 2848, 2850, 2851, 2855, 2856, 2859, 2860, 2867, 2869, 2871, 2872, 2873, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2886, 2888, 2894, 2895, 2896, 2897, 2902, 2906, 2908, 2909, **G25**, 2913, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2946, 2948, 2949, 2957, 2962, 2966, 2969, 2971, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2983, 2989, 2990, 2992, 2993, 2995, 2996, 2997, 3000, 3002, 3007, 3008, 3009, 3010, 3024, 3025,	998 + 7 groups

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Retention Value	Tree Number	Total Trees
	3027, 3028, 3030, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3072, 3073, 3074, 3075, 3076, 3077, 3078, 3080, 3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088, 3089, 3090, 3091, 3092, 3093, 3095, 3098, 3099, 3101, 3103, 3104, 3105, 3106, 3100, 3102, 3108, 3109, 3111, 3112, 3114, 3115, 3116, 3117, 3118, 3119, 3120, 3121, 3122, 3123, 3124, 3125, 3127, 3128, 3129, 3130, 3143, 3146, 3148, 3150, 3151, 3153, 3154, 3155, 3156, 3157, 3158, 3159, 3160, 3161, 3162, 3163, 3164, 3165, 3167, 3169, 3170, 3171, 3172, 3173, 3174, 3176, 3177, 3178, 3179, 3181, 3182, 3183, 3184, 3185, 3186, 3187, 3188, 3189, 3190, 3191, 3193, 3194, 3195, 3196, 3197, 3198, 3200, 3202, 3206, 3204, 3205, 3215, 3216	
	Total	**2164 + 7 groups**

11.7 **Table 12:** Trees to be retained that have not been assessed within this report. Located within T2M scope (recommendation = Retain and protect#)

Retention Value	Tree Number	Total Trees
A	93, 94, 95, 163, 165, 194, 198, 199, 258, 259, 261, 526, 527, 528, 529, 530, 531, 533, 534, 537, 538, 740, 741, 744, 758, 884, 885, 886, 889, 890, 891, 893, 896, 898, 899, 900, 902, 903, 906, 908, 909, 910, 946, 947, 948, 949, 950, 951, 952, 953, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1293, 1294, 1295, 1297, 1298, 1299, 1300, 1301, 1302, 1304, 1306, 1307, 1308, 1309, 1918, 1992, 1993, 1994, 2101, 2263, 2264, 2265, 2266, 2267, 2269, 3212, 3213, 3214	90
Z	159, 160, 161, 162, **G2**, 164, 197, 200, 201, 202, 203, 204, 205, 260, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 514, 515, 532, 535, 536, 539, 540, 541, 542, 543, 544, 742, 743, 773, 774, 775, 776, 783, 883, 887, 888, 892, 894, 895, 897, 901, 904, 905, 907, 963, 964, 965, 1292, 1296, 1303, 1305, 1310, 1995, 1996, **G23**, 2099, 2100, 2261, 2262, 2268, 3209, 3210, 3211, 3217	92 + 2 groups
	Total	**182 + 2 groups**

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12. RECOMMENDATIONS

12.1 Two thousand five hundred and eighteen (2518) trees and thirteen (13) groups of trees have been included in this report. Refer to appendix 1 for an inspection schedule of all trees. Each of the trees has been allocated a retention value using the Tree AZ method, see section 8.1 for more information in relation to the retention values.

12.2 Only one hundred and seventy trees have been reassessed in this version of the report (Rev 6), including tree 83, 84, 85, 88, 89, 90, 96, 97, 98, 99, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1906, 1935, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098 and 2151. The assessment and recommendations for the remaining trees included within this report have not changed from those in the last version of the report (Rev 5 - 28 September 2023).

12.3 For site plans of tree locations, refer to the Eastern and Western Corridor General Arrangement – Tree Survey by Arcadis, Including Sheet 1-70, Rev A, received 19 April 2024. See Appendix.

12.4 One hundred and forty (140) trees and four (4) groups of trees have been recommended to be removed. Of these trees, twenty-six (26) trees are located outside the site boundary. The removal of the trees located outside the site boundary is subject to approval by the relevant authorities and/or tree owners. Refer to section 11.2, 11.3 and 11.4 for a list of the trees to be removed by retention value.

12.5 It may be possible to retain sixty-seven (67) of the trees recommended for removal in section 12.4 through detailed site investigations of the impact to the trees root system and/or tree sensitive construction measures. Refer to section 10 for more information in regard to detailed site investigations and tree sensitive construction measures. Refer to section 11.3 and 11.4 for a list of the trees by retention value within this category.

12.6 Two thousand three hundred and seventy-eight (2378) trees and nine (9) groups of trees have been recommended to be retained and protected. Refer to section 11.5, 11.6 and 11.7 for a list of the trees by retention value.

12.7 Thirty-two (32) of the trees recommended to be retained in section 12.6 will be subject to major TPZ encroachment. These trees require tree sensitive construction measures to be retained in a viable condition (see section 10.3 for more information). Refer to section 11.5 for a list of the trees by retention value within this category.

12.8 One hundred and eighty-two (182) trees and two (2) groups of the trees recommended to be retained in section 12.6 have not been assessed as part of this report. These trees are located within the T2M scope. Refer to section 11.7 for a list of the trees by retention value within this category.

12.9 All canopy pruning required to accommodate the proposed works must be carried out in accordance with AS4373-2007 Pruning of Amenity Trees.[17] See section 10.4 for more information.

12.10 Generic tree protection guidance has been provided in section 13. It is recommended that a detailed tree management plan (TMP) is prepared for the development in accordance with AS4970-2009 and developed in combination with the overall construction management plan for the site. The TMP should be prepared by a consulting Arborist with a minimum AQF level 5 qualification.

12.11 This report does not provide approval for tree removal or pruning works. All recommendations in this report are subject to approval by the relevant authorities and/or tree owners.

[17] Council Of Standards Australia, *AS 4373 Pruning of amenity trees* (2007).

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13. GENERAL TREE PROTECTION REQUIREMENTS

13.1 **Use of this report:** All contractors must be made aware of the tree protection requirements prior to commencing works at the site. This report must also be made available to any contractor prior to works commencing and during any on site operations.

13.2 **Project Arborist:** Prior to any works commencing at the site a project Arborist should be appointed. The project Arborist should be qualified to a minimum AQF level 5 and/or equivalent qualifications and experience, and should assist with any development issues relating to trees that may arise. If at any time it is not feasible to carryout works in accordance with this, an alternative must be agreed in writing with the project Arborist.

13.3 **Tree work:** All tree work should be carried out by a qualified and experienced Arborist with a minimum of AQF level 3 in arboriculture, in accordance with NSW Work Cover Code of Practice for the Amenity Tree Industry (1998) and AS4373 Pruning of amenity trees (2007).

13.4 **Initial site meeting/on-going regular inspections:** The project Arborist is to hold a pre-construction site meeting with the principal contractor to discuss methods and importance of tree protection measures and resolve any issues in relation to tree protection that may arise. In accordance with AS4970-2009, the project Arborist should carryout regular site inspections to ensure works are carried out in accordance with this document throughout the development process. Site inspections are recommended on a monthly frequency throughout the development.

13.5 **Tree Protection Specifications:**

13.5.1 Trunk and Branch Protection: The trunk must be protected by wrapped hessian or similar material to limit damage. Timber planks (50mm x 100mm x 1800mm or similar) should then be placed around tree trunk. The timber planks should be spaced at 100mm intervals, and must be fixed against the trunk with tie wire, or strapping and connections finished or covered to protect pedestrians from injury. The hessian and timber planks must not be fixed to the tree in any instance. The trunk and branch protection shall be installed prior to any work commencing on site and shall be maintained in good condition for the entire development period.

13.5.2 Protective fencing: The protective fencing must be constructed of 1.8 metre ‘cyclone chainmesh fence’. The fencing should only be removed for the landscaping phase and this should be approved by the project Arborist. Where it is not feasible to install fencing at the specified location due to factors such restricting access to areas of the site or for constructing new structures, an alternative location and protection specification must be agreed with the project Arborist. Any modifications to the fencing locations must be approved by the project Arborist.

13.5.3 TPZ signage: Tree protection signage is to be attached to the protective fencing, displayed in a prominent position and the sign repeated at 10 metres intervals or closer where the fence changes direction. Each sign shall contain in a clearly legible form, the following information:

- Tree protection zone/No access.
- This fence has been installed to prevent damage to the tree/s and their growing environment both above and below ground. Do not move fencing or enter TPZ without the agreement of the project Arborist.
- The name, address, and telephone number of the developer/builder and project Arborist

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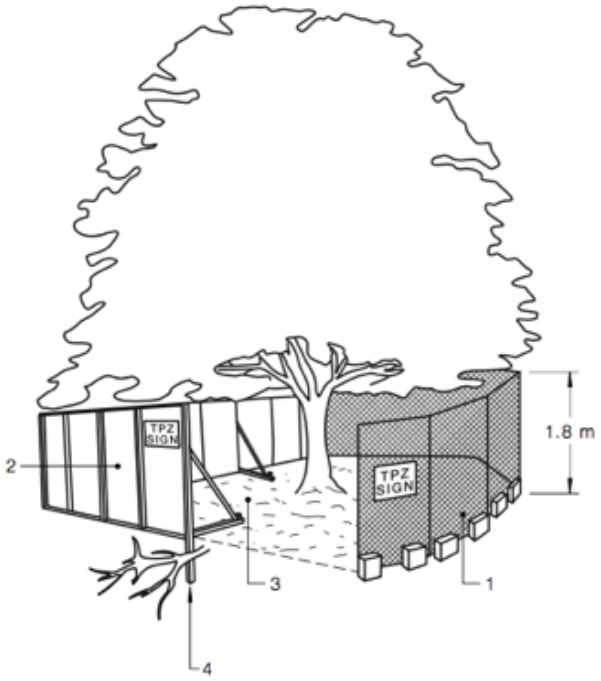
13.5.4 Mulch: Any areas of the TPZ located inside the subject site must be mulched to a depth of 75mm with good quality mulch. Mulch must not be built-up around the trunk the trees as it can cause collar rot.

13.5.5 Ground Protection: Ground protection is required to protect the underlying soil structure and root system in areas where it is not practical to restrict access to whole TPZ, while allowing space for construction. Ground protection must consist of good quality composted wood chip/leaf mulch to a depth of between 150-300mm, laid on top of geo textile fabric, with timber/plywood boards overlaid. If vehicles are to be using the area, additional protection will be required such as rumble boards or track mats to spread the weight of the vehicle and avoid load points. Ground protection is to be specified and approved by the project Arborist as required.

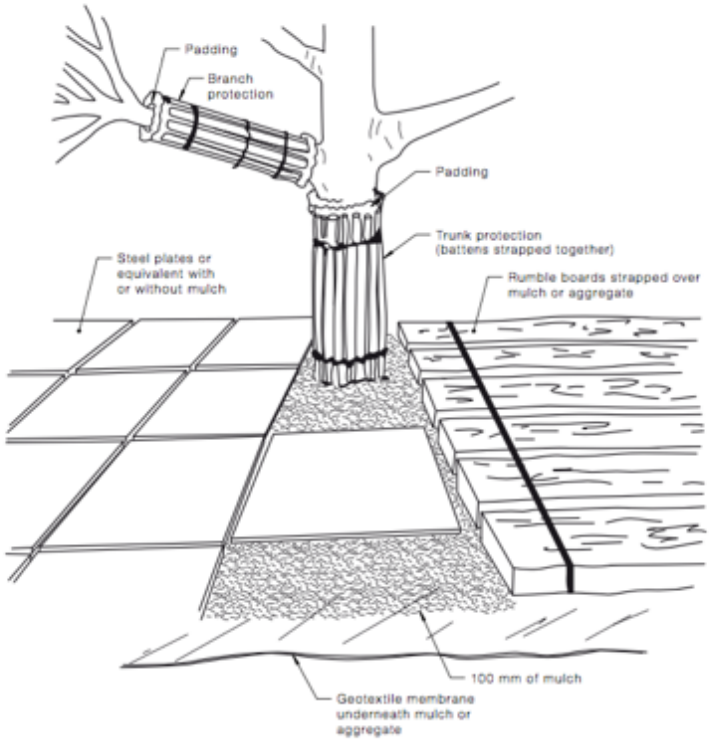
13.5.6 Temporary irrigation: Temporary irrigation should distribute water evenly throughout the area of the TPZ. The irrigation should be used for at minimum one hour daily throughout all stages of the development.



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.

An image from AS4970-2009,[18] with example tree protection.

[18] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 16.



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.

An image from AS4970-2009,[19] with example tree protection.

13.6 **Restricted activities inside TPZ:** The following activities must be avoided inside the TPZ of all trees to be retained unless approved by the project Arborist. If at any time these activities cannot be avoided an alternative must be agreed in writing with the project Arborist to minimise the impact to the tree.

A) Machine excavation.
B) Ripping or cultivation of soil.
C) Storage of spoil, soil or any such materials
D) Preparation of chemicals, including preparation of cement products.
E) Refuelling.
F) Dumping of waste.
G) Wash down and cleaning of equipment.
H) Placement of fill.
I) Lighting of fires.
J) Soil level changes.
K) Any physical damage to the crown, trunk, or root system.
L) Parking of vehicles.

[19] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 17.

13.7 **Demolition:** The demolition of all existing structures inside or directly adjacent to the TPZ of trees to be retained must be undertaken in consultation with the project Arborist. Any machinery is to work from inside the footprint of the existing structures or outside the TPZ, reaching in to minimise soil disturbance and compaction. If it is not feasible to locate demolition machinery outside the TPZ of trees to be retained, ground protection will be required. The demolition should be undertaken inwards into the footprint of the existing structures, sometimes referred to as the 'top down, pull back' method.

13.8 **Excavations:** The project Arborist must supervise and certify that all excavations and root pruning are in accordance with AS4373-2007 and AS4970-2009. For continuous strip footings, first manual excavation is required along the edge of the structures closest to the subject trees. Manual excavation should be a depth of 1 metre (or to unfavourable root growth conditions such as bed rock or heavy clay, if agreed by project Arborist). Next roots must be pruned back in accordance with AS4373-2007. After all root pruning is completed, machine excavation is permitted within the footprint of the structure. For tree sensitive footings, such as pier and beam, all excavations inside the TPZ must be manual. Manual excavation may include the use of pneumatic and hydraulic tools, high-pressure air or a combination of high-pressure water and a vacuum device. No pruning of roots greater 30mm in diameter is to be carried out without approval of the project arborist. All pruning of roots greater than 30mm in diameter must be carried out by a qualified Arborist/Horticulturalist with a minimum AQF level 3. Root pruning is to be a clean cut with a sharp tool in accordance with AS4373 Pruning of amenity trees (2007).[20] The tree root is to be pruned back to a branch root if possible. Make a clean cut and leave as small a wound as possible.

13.9 **Landscaping:** All landscaping works within the TPZ of trees to be retained are to be undertaken in consultation with a consulting Arborist to minimise the impact to trees. General guidance is provided below to minimise the impact of new landscaping to trees to be retained.

- All excavations for landscaping works should be manual and in accordance with section 13.8.
- Replacement planting for all trees recommended for removal should be incorporated into the landscape plan. It is recommended that at minimum one tree for each tree proposed to be removed are planted to maintain/increase overall canopy cover at the site when mature. Any replacement tree must be selected in accordance with AS2303-2015 Tree stock for landscape use.
- The location of new plantings inside the TPZ of trees to be retained should be flexible to avoid unnecessary damage to tree roots greater than 40mm in diameter.
- Level changes should be minimised. The existing ground levels within the landscape areas should not be lowered by more than 50mm or increased by more 100mm without assessment by a consulting Arborist.
- New retaining walls should be avoided. Where new retaining walls are proposed inside the TPZ of trees to be retained, they should be constructed from tree sensitive material, such as timber sleepers, that require minimal footings/excavations. If brick retaining walls are proposed inside the TPZ, considerer pier and beam type footings to bridge significant

[20] Council Of Standards Australia, *AS 4373 Pruning of amenity trees* (2007) page 18

roots that are critical to the trees condition. Retaining walls must be located outside the SRZ and sleepers/beams located above existing soil grades.

- New footpaths and hard surfaces should be minimised, as they can limit the availability of water, nutrients and air to the trees root system. Where they are proposed, they should be constructed on or above existing soil grades to minimise root disturbance and consider using a permeable surface. Footpaths should be located outside the SRZ.
- Where fill/sub base is used inside the TPZ, fill material should be a coarse granular material that does not restrict the flow of water and air to the root system below. This type of material will also reduce the impact of soil compaction during construction.
- Any new fencing in the TPZ of trees should constructed carefully to avoid impacting significant roots. The location of fence posts should be flexible to allow for the retention of root greater than 40mm in diameter. The base of fence panels should be located above existing soil grades.

13.10 **Underground Services:** Where possible underground services should be located outside the TPZ of trees to be retained. All underground services located inside the TPZ of any tree to be retained must be installed via tree sensitive techniques. This should include either directional drilling methods or manual excavations to minimise the impact to trees identified for retention. No roots greater than 30mm in diameter should be severed during the installation of service pipes unless approved in writing by the project Arborist.

13.11 **Sediment and Contamination:** All contamination run off from the development such as but not limited to concrete, sediment and toxic wastes must be prevented from entering the TPZ at all times.

13.12 **Tree Wounding/Injury:** Any wounding or injury that occurs to a tree during the construction process will require the project Arborist to be contacted for an assessment of the injury and provide mitigation/remediation advice. It is generally accepted that trees may take many years to decline and eventually die from root damage. All repair work is to be carried out by the project Arborist, at the contractor's expense.

13.13 **Completion of Development Works:** After all construction works are complete the project Arborist should assess that the subject trees have been retained in the same condition and vigour. If changes to condition are identified the project Arborist should provide recommendations for remediation.

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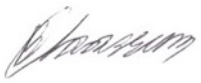
15. LIST OF APPENDICES

The following are included in the appendices:

- Appendix 1: Tree Inspection Schedule
- Appendix 2: Definition of Methodology
- Appendix 3: Brief Description of a Trees Root System
- Appendix 4: Tree Sketches (Arcadis)



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Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1	Lemon Scented Gum	*Corymbia citriodora*	Mature	18	6	720					720	800	Good	Good	High	1. Long	A1	8.6	3.0	Canopy extends into corridoor.
2	Blueberry Ash	*Elaeocarpus reticulatus*	Mature	7	1.5	150					150	190	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy extends into corridoor.
3	Blueberry Ash	*Elaeocarpus reticulatus*	Mature	7	1.5	150					150	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy extends into corridoor.
4	Blueberry Ash	*Elaeocarpus reticulatus*	Mature	7	1.5	150					150	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy extends into corridoor.
5	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	4	2	210	130				247	440	Fair	Fair	Medium	2. Medium	A2	3.0	2.3	Low foliage density for species. Canopy extends into corridor.
6	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	5	1.5	120	140				184	230	Fair	Fair	Medium	2. Medium	A2	2.2	1.8	Low foliage density for species. Canopy extends into corridor.
7	Lemon Scented Tea Tree	*Leptospermum petersonii*	Dead	5	1	180					180	200	Dead	Poor	Low	4. Remove	Z4	2.2	1.7	Dead tree.
8	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	5	2	230	120				259	450	Good	Good	Medium	1. Long	A1	3.1	2.4	Canopy extends into corridor.
9	Brown Pine	*Podocarpus elatus*	Mature	10	4	650					650	680	Good	Good	Medium	1. Long	A1	7.8	2.8	Co-dominant stems at 1m.
10	Lemon Scented Gum	*Corymbia citriodora*	Mature	17	5	830					830	900	Good	Good	High	1. Long	A1	10.0	3.2	Canopy extends into corridor.
11	Silky Oak	*Grevillea robusta*	Mature	11	3	380					380	440	Good	Fair	Medium	2. Medium	A1	4.6	2.3	Growing through canopy of adjacent tree. Canopy extends into corridor.
12	Brown Pine	*Podocarpus elatus*	Mature	10	4	680					680	740	Good	Good	High	1. Long	A1	8.2	2.9	Co-dominant stems at 1m.
13	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	14	2	290					290	300	Good	Good	Medium	1. Long	A1	3.5	2.0	Canopy extends into corridor.
14	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	14	2	270					270	290	Good	Good	Medium	1. Long	A1	3.2	2.0	Canopy extends into corridor.
15	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	14	4	410					410	450	Good	Good	Medium	1. Long	A1	4.9	2.4	Canopy extends into corridor.
16	Illawara Flame	*Brachychiton acerifolius*	Semi-mature	8.5	2	250					250	290	Good	Good	Medium	1. Long	A1	3.0	2.0	Canopy extends into corridor.
17	Sydney Blue Gum	*Eucalyptus saligna*	Mature	18	4	450					450	480	Good	Good	High	1. Long	A1	5.4	2.4	Canopy extends into corridor.
18	Swamp Mahogany	*Eucalyptus robusta*	Mature	13	4	460					460	480	Good	Good	High	1. Long	A1	5.5	2.4	Canopy extends into corridor.
19	Swamp Oak	*Casuarina glauca*	Mature	13	2	250					250	270	Good	Good	Medium	1. Long	A1	3.0	1.9	Trunk lean. Canopy extends into corridor.
20	Swamp Oak	*Casuarina glauca*	Mature	12	2	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	Canopy within park only.
21	Swamp Oak	*Casuarina glauca*	Mature	13	3	300					300	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Canopy extends into corridor.
22	Swamp Oak	*Casuarina glauca*	Mature	12	2	230					230	260	Good	Good	Medium	1. Long	A1	2.8	1.9	Canopy within park only.
23	Swamp Oak	*Casuarina glauca*	Mature	9	2	210					210	240	Good	Good	Medium	1. Long	A1	2.5	1.8	Canopy extends into corridor.
24	Swamp Oak	*Casuarina glauca*	Mature	12	2	240	160	100			305	400	Good	Fair	Medium	3. Short	Z9	3.7	2.3	Co-dominant stems with partial failure of stem in direction of corridor.
25	Swamp Oak	*Casuarina glauca*	Mature	16	2.5	340					340	360	Good	Fair	Medium	2. Medium	A1	4.1	2.2	Co-dominant stems at 7m with bark inclusion.
26	Swamp Oak	*Casuarina glauca*	Mature	14	2	330					330	340	Good	Good	Medium	1. Long	A1	4.0	2.1	Canopy extends into corridor.
27	Swamp Oak	*Casuarina glauca*	Semi-mature	8	1.5	180					180	190	Good	Fair	Medium	2. Medium	A1	2.2	1.6	Suppressed by adjacent trees. Canopy extends into corridor.
28	Swamp Oak	*Casuarina glauca*	Mature	12	1.5	210					210	220	Good	Good	Medium	1. Long	A1	2.5	1.8	Canopy within park only.
29	Swamp Oak	*Casuarina glauca*	Mature	12	3	280					280	310	Good	Good	Medium	1. Long	A1	3.4	2.0	Canopy within park only.
30	Swamp Oak	*Casuarina glauca*	Mature	9	2	270					270	290	Good	Good	Medium	1. Long	A1	3.2	2.0	Canopy extends into corridor.
31	Swamp Oak	*Casuarina glauca*	Mature	14	3	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	Upper canopy extends into corridor.
32	Swamp Oak	*Casuarina glauca*	Mature	10	3	310					310	340	Good	Good	Medium	1. Long	A1	3.7	2.1	Canopy extends into corridor.
33	Swamp Oak	*Casuarina glauca*	Mature	14	2	230					230	250	Good	Good	Medium	1. Long	A1	2.8	1.8	Canopy extends into corridor.
34	Swamp Oak	*Casuarina glauca*	Semi-mature	13	2	220					220	240	Good	Good	Medium	1. Long	A1	2.6	1.8	Canopy within park only.
35	Swamp Oak	*Casuarina glauca*	Semi-mature	9	2	180					180	200	Good	Good	Medium	1. Long	A1	2.2	1.7	Canopy extends into corridor.
36	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	13	2	210					210	230	Good	Good	Medium	1. Long	A1	2.5	1.8	Canopy within park only.
37	Swamp Mahogany	*Eucalyptus robusta*	Mature	11	4	410					410	440	Good	Good	High	1. Long	A1	4.9	2.3	Canopy extends into corridor.
38	Swamp Oak	*Casuarina glauca*	Mature	16	5	570					570	620	Good	Good	High	1. Long	A1	6.8	2.7	Branch failure to the south west. Canopy extends into corridor.
39	Sydney Blue Gum	*Eucalyptus saligna*	Mature	21	6	720					720	790	Good	Good	High	1. Long	A1	8.6	3.0	Old failure of central leader at 10m. New growth appears to be well attached. Canopy extends into corridor.
40	Swamp Mahogany	*Eucalyptus robusta*	Mature	9	3	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	Canopy extends into corridor.
41	Swamp Mahogany	*Eucalyptus robusta*	Mature	11	4	340					340	440	Good	Good	Medium	1. Long	A1	4.1	2.3	Canopy within park only.
42	Swamp Oak	*Casuarina glauca*	Mature	13	3	340					340	380	Good	Good	Medium	1. Long	A1	4.1	2.2	Canopy extends into corridor.
43	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	15	3	210					210	230	Good	Good	Medium	1. Long	A1	2.5	1.8	Asymmetric crown shape, within park only.
44	Swamp Oak	*Casuarina glauca*	Semi-mature	10	1.5	150					150	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy within park only.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
45	Swamp Oak	*Casuarina glauca*	Semi-mature	11	2	170					170	190	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy within park only.
46	Queensland Brushbox	*Lophostemon confertus*	Mature	12	5	680					680	740	Good	Good	High	1. Long	A1	8.2	2.9	Canopy extends into corridor.
47	Swamp Oak	*Casuarina glauca*	Mature	15	2	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	Canopy within park only.
48	Swamp Oak	*Casuarina glauca*	Mature	14	2	230					230	250	Good	Good	Medium	1. Long	A1	2.8	1.8	Canopy within park only.
49	Swamp Oak	*Casuarina glauca*	Mature	14	3	380					380	400	Good	Good	Medium	1. Long	A1	4.6	2.3	Canopy extends into corridor.
50	Swamp Oak	*Casuarina glauca*	Mature	14	2	280					280	320	Good	Good	Medium	1. Long	A1	3.4	2.1	Canopy within park only.
51	Swamp Oak	*Casuarina glauca*	Mature	14	2	240					240	280	Good	Good	Medium	1. Long	A1	2.9	1.9	Canopy within park only.
52	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	9	4	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	Canopy extends into corridor.
53	Swamp Oak	*Casuarina glauca*	Mature	10	2	220					220	240	Good	Good	Medium	1. Long	A1	2.6	1.8	Canopy within park only.
54	Swamp Oak	*Casuarina glauca*	Mature	17	4	460					460	490	Good	Good	High	1. Long	A1	5.5	2.5	Canopy extends into corridor.
55	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	13	2	180					180	200	Good	Good	Medium	1. Long	A1	2.2	1.7	Canopy within park only.
56	Swamp Mahogany	*Eucalyptus robusta*	Mature	12	5	330					330	380	Good	Good	High	1. Long	A1	4.0	2.2	Canopy within park only.
57	Coastal Banksia	*Banksia integrefolia*	Semi-mature	7	2	200					200	220	Good	Good	Low	1. Long	A1	2.4	1.8	Canopy extends into corridor.
58	Swamp Mahogany	*Eucalyptus robusta*	Mature	18	5	490					490	530	Good	Good	High	1. Long	A1	5.9	2.5	Canopy extends into corridor.
59	Swamp Oak	*Casuarina glauca*	Mature	15	3	350					350	380	Good	Good	High	1. Long	A1	4.2	2.2	Canopy within park only.
60	Queensland Brushbox	*Lophostemon confertus*	Mature	17	5	570					570	600	Good	Good	High	1. Long	A1	6.8	2.7	Canopy extends into corridor.
61	Swamp Oak	*Casuarina glauca*	Mature	12	3	310					310	330	Good	Good	Medium	1. Long	A1	3.7	2.1	Canopy within park only.
62	Swamp Oak	*Casuarina glauca*	Semi-mature	9	2	220					220	240	Good	Good	Medium	1. Long	A1	2.6	1.8	Canopy within park only.
63	Swamp Oak	*Casuarina glauca*	Mature	13	5	520					520	550	Good	Good	High	1. Long	A1	6.2	2.6	Canopy pruned towards corridor.
64	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Semi-mature	5	1.5	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
65	Swamp Oak	*Casuarina glauca*	Mature	10	3	150	250				292	400	Good	Good	Medium	1. Long	A1	3.5	2.3	Canopy extends into corridor.
66	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	180					180	200	Good	Good	Medium	1. Long	A1	2.2	1.7	Canopy extends into corridor.
67	Swamp Oak	*Casuarina glauca*	Mature	12	2	220					220	240	Good	Good	Medium	1. Long	A1	2.6	1.8	Canopy within park only.
68	Swamp Oak	*Casuarina glauca*	Mature	13	3	380					380	100	Good	Good	Medium	1. Long	A1	4.6	1.5	Canopy extends into corridor.
69	Swamp Oak	*Casuarina glauca*	Mature	13	3	310					310	340	Good	Good	Medium	1. Long	A1	3.7	2.1	Canopy within park only.
70	Avacado	*Persea gratissima*	Mature	11	3.5	320					320	360	Good	Good	Medium	1. Long	A1	3.8	2.2	Located within corridor.
71	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	20	6	550					550	600	Good	Good	High	1. Long	A1	6.6	2.7	DBH estimated. Upper canopy extends into corridor.
72	Forest Oak	*Allocasuarina torulosa*	Mature	7	2	150	150	100			235	350	Good	Good	Medium	1. Long	A1	2.8	2.1	Canopy extends into corridor.
73	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	10	3	210	180				277	290	Good	Good	Medium	1. Long	A1	3.3	2.0	Located within corridor.
74	Common Oak	*Quercus robur*	Mature	8	4	450					450	470	Good	Fair	Medium	2. Medium	A2	5.4	2.4	Located within corridor. Pruned for power line clearance.
75	Coral	*Erythrina crista-galli*	Mature	8	4	400					400	440	Good	Fair	Low	2. Medium	Z3	4.8	2.3	Located within corridor. Pruned for power lines. Exempt species.
76	Tree of Heaven	*Ailanthus altissima*	Mature	5	2	240					240	280	Good	Fair	Low	5. Small/Young	Z1	2.9	1.9	Located within corridor. Cavity near base.
77	Norfolk Island Pine	*Araucaria heterophylla*	Mature	20	4	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Canopy extends into corridor.
78	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	9	4	450					450	480	Good	Good	Medium	1. Long	A1	5.4	2.4	Canopy extends into corridor.
79	Crepe Myrtle	*Lagerstroemia indica*	Mature	5	2.5	250					250	250	Good	Good	Medium	1. Long	A1	3.0	1.8	Canopy extends into corridor.
80	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	2.5	250					250	250	Good	Good	Medium	1. Long	A1	3.0	1.8	Suppressed by adjacent tree. Canopy extends into corridor.
80b	Camphor Laurel	*Cinnamomum camphora*	Mature	10	5	550					550	580	Good	Fair	Medium	1. Long	A1	6.6	2.6	Located on nature strip. Pruned for power lines.
80c	Camphor Laurel	*Cinnamomum camphora*	Mature	10	4	450					450	480	Good	Fair	Medium	2. Medium	A1	5.4	2.4	Located on nature strip. Pruned for power lines.
80d	Camphor Laurel	*Cinnamomum camphora*	Mature	10	4	460					460	480	Good	Good	Medium	2. Medium	A1	5.5	2.4	Located on nature strip. Pruned for power lines.
80e	Camphor Laurel	*Cinnamomum camphora*	Mature	10	3	320	280				425	500	Good	Fair	Medium	2. Medium	A1	5.1	2.5	Located on nature strip. Co-dominant stems with cavity in union.
80f	Camphor Laurel	*Cinnamomum camphora*	Mature	10	4	480					480	520	Good	Good	Medium	1. Long	A1	5.8	2.5	Located on nature strip.
80g	Camphor Laurel	*Cinnamomum camphora*	Mature	10	4	460					460	480	Good	Good	Medium	1. Long	A1	5.5	2.4	Located on nature strip.
80h	Camphor Laurel	*Cinnamomum camphora*	Mature	10	4	510					510	530	Good	Good	Medium	1. Long	A1	6.1	2.5	Located on nature strip.
80i	Camphor Laurel	*Cinnamomum camphora*	Mature	10	4	480					480	510	Good	Good	Medium	1. Long	A1	5.8	2.5	Located on nature strip.
81	Unknown	*Unknown spp*	Dead	4	1	150					150	150	Dead	Poor	Very Low	4. Remove	Z4	2.0	1.5	Dead tree. Branch extends into corridor.
81a	Tibouchina	*Tibouchina spp*	Young	3	1	80					80	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
81b	Camellia	*Camellia spp*	Semi-mature	2	0.5	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
81c	Mango	*Mangifera indica*	Young	3	1	150					150	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
82	Weeping Fig	*Ficus benjamina*	Semi-mature	6	2	250					250	250	Good	Good	Low	5. Small/Young	Z1	3.0	1.8	Canopy extends into corridor.
82d	Snow In Summer	*Melaleuca linarifolia*	Young	3	0.5	110					110	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
83	Camphor Laurel	*Cinnamomum camphora*	Mature	10	3.5	190	250	300			434	500	Good	Fair	Medium	1. Long	A1	5.2	2.5	Located in corridor.
84	Silky Oak	*Grevillea robusta*	Mature	9.5	4	400					400	550	Good	Fair	Medium	3. Short	Z9	4.8	2.6	Significant cavity at base of tree. Located in corridor.
85	Silky Oak	*Grevillea robusta*	Mature	14	4	750					750	900	Good	Fair	Medium	3. Short	Z9	9.0	3.2	Located in corridor. Significant cavity at base. Pruned for power lines.
86	Peppercorn Tree	*Schinus molle*	Mature	15	9	1200					1200	1300	Good	Good	High	1. Long	A1	14.4	3.7	Canopy extends into corridor.
87	Camphor Laurel	*Cinnamomum camphora*	Mature	10	5	1500					1500	1500	Good	Good	Medium	1. Long	A1	15.0	3.9	Located within corridor. Multi stem tree DBH estimated.
88	Camphor Laurel	*Cinnamomum camphora*	Mature	10	4	1400					1400	1400	Good	Fair	Medium	2. Medium	A1	15.0	3.8	Cavity at base. Located within corridor.
89	Camphor Laurel	*Cinnamomum camphora*	Mature	10	5	1200					1200	1200	Good	Good	Medium	1. Long	A1	14.4	3.6	Located within corridor.
90	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	9	3	440					440	440	Good	Good	Medium	1. Long	A1	5.3	2.3	Located within corridor.
91	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	350	300				461	500	Good	Good	Medium	1. Long	A1	5.5	2.5	Located within corridor.
92	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	250	300				391	480	Good	Good	Medium	1. Long	A1	4.7	2.4	Located within corridor on top of rocky slope. Under power lines.
93	London Plane	*Platanus x hispanica*	Mature	21	8	1100					1100	1200	Good	Fair	High	2. Medium	A1	13.2	3.6	Located within corridor. Asymmetric crown shape due to power line clearance. Suckers at base.
94	London Plane	*Platanus x hispanica*	Mature	22	8	1200					1200	1300	Good	Fair	High	2. Medium	A1	14.4	3.7	Located within corridor. Asymmetric crown shape due to power line clearance.
95	London Plane	*Platanus x hispanica*	Mature	21	8	1200					1200	1250	Good	Fair	High	2. Medium	A1	14.4	3.6	Located within corridor. Asymmetric crown shape due to power line clearance.
96	London Plane	*Platanus x hispanica*	Mature	21	6	1250					1250	1300	Good	Fair	High	2. Medium	A1	15.0	3.7	Located within corridor. Asymmetric crown shape due to power line clearance. Suckers at base.
97	London Plane	*Platanus x hispanica*	Mature	21	7	1180					1180	1360	Good	Fair	High	2. Medium	A1	14.2	3.8	Located within corridor. Asymmetric crown shape due to power line clearance.
98	London Plane	*Platanus x hispanica*	Mature	21	6	850					850	1250	Good	Fair	High	2. Medium	A1	10.2	3.6	Located within corridor. Asymmetric crown shape due to power line clearance.
99	London Plane	*Platanus x hispanica*	Mature	21	6	840					840	910	Good	Fair	High	2. Medium	A1	10.1	3.2	Located within corridor. Asymmetric crown shape due to power line clearance.
100	London Plane	*Platanus x hispanica*	Mature	21	8	960					960	1020	Good	Fair	High	2. Medium	A1	11.5	3.3	Located within corridor. Asymmetric crown shape due to power line clearance.
100a	Queensland Brushbox	*Lophostemon confertus*	Mature	20	5	780					780	800	Good	Good	High	1. Long	A1	9.4	3.0	Canopy extends into corridor.
103	Camphor Laurel	*Cinnamomum camphora*	Mature	17	5	1100					1100	1400	Good	Fair	Medium	2. Medium	A1	13.2	3.8	Canopy pruned for power lines.
104	Camphor Laurel	*Cinnamomum camphora*	Mature	16	7	800					800	880	Good	Fair	Medium	2. Medium	A1	9.6	3.1	Canopy pruned for power lines.
105	Camphor Laurel	*Cinnamomum camphora*	Mature	16	4	450					450	500	Good	Fair	Medium	2. Medium	A1	5.4	2.5	Canopy pruned for power lines.
106	Camphor Laurel	*Cinnamomum camphora*	Mature	16	6	600					600	680	Good	Fair	Medium	2. Medium	A1	7.2	2.8	Canopy pruned for power lines. Cavity at base with bee hive.
107	Parramatta Wattle	*Acacia parramattensis*	Mature	7	3	280					280	300	Good	Good	Medium	2. Medium	A1	3.4	2.0	Located within corridor.
108	Parramatta Wattle	*Acacia parramattensis*	Mature	8	2	200	160				256	330	Good	Good	Medium	2. Medium	A1	3.1	2.1	Located within corridor.
109	Parramatta Wattle	*Acacia parramattensis*	Mature	9	2	200					200	220	Good	Good	Medium	2. Medium	A1	2.4	1.8	Located within corridor.
110	Parramatta Wattle	*Acacia parramattensis*	Mature	8	2	180	120				216	220	Good	Good	Medium	2. Medium	A1	2.6	1.8	Located within corridor.
111	Parramatta Wattle	*Acacia parramattensis*	Mature	7	1	150	150				212	280	Fair	Fair	Low	3. Short	Z4	2.5	1.9	Located within corridor. South stem lopped.
112	Parramatta Wattle	*Acacia parramattensis*	Mature	7	1	170					170	190	Fair	Fair	Low	3. Short	Z4	2.0	1.6	Located within corridor. Low foliage density for species with apical dieback. Early stages of decline.
113	Parramatta Wattle	*Acacia parramattensis*	Semi-mature	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
115	Parramatta Wattle	*Acacia parramattensis*	Mature	9	3	180	180				255	350	Good	Fair	Medium	2. Medium	A1	3.1	2.1	Located within corridor. South stem lopped.
117	Black Tea-tree	*Melaleuca bracteata*	Semi-mature	6	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Canopy extends into corridor.
118	Black Tea-tree	*Melaleuca bracteata*	Semi-mature	6	2	180	180				255	300	Good	Good	Medium	1. Long	A1	3.1	2.0	Canopy extends into corridor.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
119	White Cedar	*Melia azedarach*	Semi-mature	5	2	190					190	210	Good	Good	Medium	1. Long	A1	2.3	1.7	Canopy extends into corridor.
120	White Cedar	*Melia azedarach*	Semi-mature	5	2	170					170	190	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy extends into corridor.
121	White Cedar	*Melia azedarach*	Semi-mature	5	2	190					190	210	Good	Good	Medium	1. Long	A1	2.3	1.7	Canopy extends into corridor.
122	Black Tea-tree	*Melaleuca bracteata*	Mature	9	3	300	260				397	440	Good	Good	Medium	1. Long	A1	4.8	2.3	Canopy extends into corridor.
123	Weeping Bottlebrush	*Callistemon viminalis*	Mature	8	2	130	160	180			274	310	Good	Good	Medium	1. Long	A1	3.3	2.0	Canopy extends into corridor.
124	Black Tea-tree	*Melaleuca bracteata*	Mature	9	3	200	230	400			503	460	Good	Good	Medium	1. Long	A1	6.0	2.4	Canopy extends into corridor.
125	Blueberry Ash	*Elaeocarpus reticulatus*	Young	3	1	60					60	80	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy within nature strip only.
126	Blueberry Ash	*Elaeocarpus reticulatus*	Semi-mature	5	1	90	110				142	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy within nature strip only.
127	Honey Myrtle	*Melaleuca bracteata 'Revolution Gold'*	Semi-mature	5	1	150					150	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
128	Common Oak	*Quercus robur*	Mature	12	5	600					600	620	Good	Good	Medium	1. Long	A1	7.2	2.7	Located within corridor.
129	Common Oak	*Quercus robur*	Mature	11	5	640					640	650	Good	Good	Medium	1. Long	A1	7.7	2.8	Located within corridor.
130	Tallowood	*Eucalyptus microcorys*	Mature	17	8	980					980	1020	Good	Good	High	1. Long	A1	11.8	3.3	Canopy extends into corridor. Pruned for power lines.
131	Olive	*Olea europaea*	Mature	9.5	4	280	280				396	450	Good	Good	Medium	1. Long	A1	4.8	2.4	Canopy extends into corridor.
132	Tree of Heaven	*Ailanthus altissima*	Mature	8	3	240					240	260	Good	Fair	Low	2. Medium	Z3	2.9	1.9	Exempt species. Canopy extends into corridor.
133	Tree of Heaven	*Ailanthus altissima*	Mature	8	3	250					250	280	Good	Fair	Low	2. Medium	Z3	3.0	1.9	Exempt species. Canopy extends into corridor.
134	Turpentine	*Syncarpia glomulifera*	Mature	5	2.5	250	250	280	300		542	1100	Good	Good	Medium	1. Long	A1	6.5	3.4	Located within corridor.
135	Turpentine	*Syncarpia glomulifera*	Mature	9	4	1100					1100	1200	Good	Good	High	1. Long	A1	13.2	3.6	Located within corridor.
136	Turpentine	*Syncarpia glomulifera*	Mature	5	1	200	160				256	400	Good	Fair	Medium	3. Short	Z9	3.1	2.3	Topped. Located within corridor.
137	Turpentine	*Syncarpia glomulifera*	Mature	9	2.5	1000					1000	1100	Good	Fair	Medium	2. Medium	A1	12.0	3.4	Located within corridor. Pruned for power lines.
138	Turpentine	*Syncarpia glomulifera*	Mature	6	2	240					240	280	Good	Fair	Medium	2. Medium	A1	2.9	1.9	Located within corridor. Pruned for power lines.
139	Turpentine	*Syncarpia glomulifera*	Mature	9	3	1400					1400	1400	Good	Good	High	1. Long	A1	15.0	3.8	Located within corridor. Multi stem tree DBH measured at base.
140	Turpentine	*Syncarpia glomulifera*	Mature	9	4	1300					1300	1300	Good	Good	High	1. Long	A1	15.0	3.7	Located within corridor. Multi stem tree DBH measured at base.
141	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	8	4	600					600	640	Good	Good	Low	1. Long	Z3	7.2	2.7	Canopy extends into corridor. Exempt species.
142	Turpentine	*Syncarpia glomulifera*	Mature	9	4	320	300	260			510	850	Good	Good	High	1. Long	A1	6.1	3.1	Located within corridor. Pruned for power lines.
143	Turpentine	*Syncarpia glomulifera*	Mature	8	3	250	300	250	250		527	1000	Good	Good	High	1. Long	A1	6.3	3.3	Located within corridor.
144	Crepe Myrtle	*Lagerstroemia indica*	Semi-mature	4	1.5	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
145	Broad Leaved Privet	*Ligustrum lucidum*	Mature	8	3	250					250	300	Good	Fair	Low	2. Medium	Z3	3.0	2.0	Canopy extends into corridor. Exempt species.
146	Silky Oak	*Grevillea robusta*	Mature	9	3	340					340	380	Good	Fair	Medium	3. Short	Z9	4.1	2.2	Located within corridor. Topped for power lines.
147	Olive	*Olea europaea*	Mature	5	2	180	100				206	220	Good	Good	Low	5. Small/Young	Z1	2.5	1.8	Located within corridor.
148	Silky Oak	*Grevillea robusta*	Mature	10	4.5	440					440	480	Fair	Fair	Medium	2. Medium	A2	5.3	2.4	Located within corridor. Low foliage density for species.
149	Olive	*Olea europaea*	Mature	5	2	230	160				280	340	Good	Fair	Low	5. Small/Young	Z1	3.4	2.1	Located within corridor.
150	Firewheel	*Stenocarpus sinuatus*	Mature	5	2	160					160	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
151	Broad Leaved Privet	*Ligustrum lucidum*	Young	4	1	100					100	110	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
152	Avacado	*Persea gratissima*	Mature	4	2	200					200	240	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	Located within corridor.
153	Loquat	*Eriobotrya japonica*	Mature	4	1.5	180					180	190	Good	Fair	Low	5. Small/Young	Z1	2.2	1.6	Located within corridor.
154	Silky Oak	*Grevillea robusta*	Semi-mature	7	1	110					110	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
155	Silky Oak	*Grevillea robusta*	Semi-mature	7	2	100	110				149	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within corridor.
156	Olive	*Olea europaea*	Mature	7	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	Canopy extends into corridor.
157	Mango	*Mangifera indica*	Mature	5	3	240					240	260	Good	Good	Medium	1. Long	A1	2.9	1.9	Canopy extends into corridor.
158	Sweet Pittosporum	*Pittosporum undulatum*	Mature	5	2	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. Growing on slope.
159	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	4	1.5	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
160	Golden Wreath Wattle	*Acacia saligna*	Mature	5	2	160		140			213	220	Good	Fair	Low	5. Small/Young	Z1	2.6	1.8	Located within corridor.
161	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	200	190				276	350	Fair	Fair	Medium	3. Short	Z9	3.3	2.1	Located within corridor. Branch failure to the north. Low foliage density for species.
162	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	1.5	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
G2	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	9	2	200					200	200	Good	Fair	Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. Group of camphor laurel. Exempt species. Approximately 4 trees.
163	Golden Wreath Wattle	*Acacia saligna*	Mature	6	2	160					160	290	Good	Fair	Medium	2. Medium	A1	2.0	2.0	Located within corridor. Cavity in trunk.
164	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	4	1.5	140					140	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
165	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	300					300	330	Good	Good	Medium	2. Medium	A1	3.6	2.1	Located within corridor.
194	Camphor Laurel	*Cinnamomum camphora*	Mature	17	4	1300					1300	1300	Good	Fair	Medium	2. Medium	A1	15.0	3.7	Located within corridor. DBH measured at base.
197	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	2	100	100	100	120	110	238	600	Good	Fair	Low	5. Small/Young	Z3	2.9	2.7	Located within corridor. Exempt species. Multi stem tree.
198	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	14	5	390	300				492	500	Good	Good	Medium	1. Long	A1	5.9	2.5	Canopy extends into corridor.
199	Queensland Brushbox	*Lophostemon confertus*	Mature	18	5	510					510	580	Good	Good	High	1. Long	A1	6.1	2.6	Upper canopy extends into corridor.
200	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	8	2	100	110	100			179	250	Good	Fair	Very Low	5. Small/Young	Z3	2.1	1.8	Located within corridor. Exempt species.
201	Robinia	*Robinia pseudoacacia*	Mature	9	3	240	310				392	490	Good	Fair	Very Low	2. Medium	Z3	4.7	2.5	Located within corridor. Exempt species.
202	Robinia	*Robinia pseudoacacia*	Semi-mature	8	2	180					180	200	Good	Fair	Very Low	2. Medium	Z3	2.2	1.7	Located within corridor. Exempt species.
203	Robinia	*Robinia pseudoacacia*	Semi-mature	8	2	180					180	200	Good	Fair	Very Low	2. Medium	Z3	2.2	1.7	Located within corridor. Exempt species.
204	Robinia	*Robinia pseudoacacia*	Mature	10	3	250					250	280	Good	Good	Very Low	2. Medium	Z3	3.0	1.9	Located within corridor. Exempt species.
205	Robinia	*Robinia pseudoacacia*	Mature	9	3	100	170	200			281	340	Good	Fair	Very Low	2. Medium	Z3	3.4	2.1	Located within corridor. Exempt species.
206	Robinia	*Robinia pseudoacacia*	Mature	13	5	480					480	500	Good	Good	Low	2. Medium	Z3	5.8	2.5	Canopy extends into corridor.
207	Robinia	*Robinia pseudoacacia*	Mature	13	4	410					410	440	Good	Fair	Low	2. Medium	Z3	4.9	2.3	Canopy extends into corridor. Large pruning wound at 1.5m.
208	Robinia	*Robinia pseudoacacia*	Mature	12	4	380					380	400	Good	Good	Low	2. Medium	Z3	4.6	2.3	Canopy extends slightly into corridor.
209	Camphor Laurel	*Cinnamomum camphora*	Mature	18	5	550					550	600	Good	Fair	Medium	2. Medium	Z3	6.6	2.7	Located within corridor. Exempt species. Pruned for power lines.
210	Camphor Laurel	*Cinnamomum camphora*	Mature	18	5	610					610	690	Good	Fair	Medium	2. Medium	Z3	7.3	2.8	Located within corridor. Exempt species. Pruned for power lines.
G5	Robinia	*Robinia pseudoacacia*	Semi-mature	8	2	150					150	180	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.6	Located within corridor. Group of trees on upper embankment. Exempt species. Approximately 30 trees.
G5a	Wattle	*Acacia spp*	Young	3	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Group of wattles. Approximately 5 individuals.
211	Camphor Laurel	*Cinnamomum camphora*	Mature	13	3	290					290	340	Good	Good	Medium	1. Long	A1	3.5	2.1	Located within corridor.
212	Hibiscus	*Hibiscus spp*	Mature	5	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Canopy extends into corridor.
213	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	20	4	500					500	520	Good	Good	High	1. Long	A1	6.0	2.5	Only upper canopy extends into corridor.
214	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	180	120				216	220	Good	Good	Medium	1. Long	A1	2.6	1.8	Canopy extends into corridor.
215	Camphor Laurel	*Cinnamomum camphora*	Mature	16	4	280	270				389	550	Good	Fair	Medium	2. Medium	A1	4.7	2.6	Located within corridor.
215b	Euodia	*Tetradium daniellii*	Mature	15	5	480					480	500	Fair	Good	Medium	2. Medium	A2	5.8	2.5	Located within adjoining property. Canopy extends slightly into corridor.
216	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	15	4	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	Canopy extends into corridor.
216a	Illawara Flame	*Brachychiton acerifolius*	Young	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located in adjoining property. Canopy extends slightly into corridor.
223	Indian Coral	*Erythrina x sykesii*	Mature	10	6	1400					1400	1400	Good	Fair	Low	2. Medium	Z3	15.0	3.8	Canopy extends into corridor. Exempt species. DBH measured at base.
224	Queensland Brushbox	*Lophostemon confertus*	Mature	14	4	360					360	430	Good	Fair	Medium	2. Medium	A1	4.3	2.3	Located within corridor. Pruned for power lines.
225	Queensland Brushbox	*Lophostemon confertus*	Mature	14	4	580					580	620	Good	Good	High	1. Long	A1	7.0	2.7	Located within corridor.
226	Queensland Brushbox	*Lophostemon confertus*	Mature	14	4	560					560	590	Good	Good	High	1. Long	A1	6.7	2.7	Located within corridor.
227	Queensland Brushbox	*Lophostemon confertus*	Mature	14	4	640					640	700	Good	Good	High	1. Long	A1	7.7	2.8	Canopy extends slightly into corridor.
228	Queensland Brushbox	*Lophostemon confertus*	Mature	13	5	790					790	820	Good	Good	High	1. Long	A1	9.5	3.0	Located within corridor.
229	Queensland Brushbox	*Lophostemon confertus*	Mature	13	5	900					900	900	Good	Good	High	1. Long	A1	10.8	3.2	Located within corridor.
229a	Black Tea-tree	*Melaleuca bracteata*	Mature	9.5	3.5	320					320	330	Good	Good	Medium	1. Long	A1	3.8	2.1	Located within nature strip.
229b	Black Tea-tree	*Melaleuca bracteata*	Mature	8	3	300					300	330	Good	Good	Medium	1. Long	A1	3.6	2.1	Located within nature strip.
230	Monterey Pine	*Pinus radiata*	Mature	10	6	750					750	780	Fair	Fair	Low	3. Short	Z3	9.0	3.0	Canopy extends into corridor. Exempt species with low foliage density for species and apical dieback.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
231	Loquat	*Eriobotrya japonica*	Mature	4	2	150					150	180	Good	Fair	Low	2. Medium	Z3	2.0	1.6	Canopy extends into corridor. Exempt species.
232	Olive	*Olea europaea*	Young	3	1	100					100	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
233	Olive	*Olea europaea*	Semi-mature	3	1	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
234	Queensland Brushbox	*Lophostemon confertus*	Mature	10	4	500					500	500	Good	Fair	High	2. Medium	A1	6.0	2.5	Canopy extends into corridor. Significant pruning to the south.
235	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	8	2	150					150	170	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy extends into corridor.
236	Dwarf Lilly Pilly	*Acmena smithii var. minor*	Semi-mature	9	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Canopy extends into corridor.
237	Coastal Banksia	*Banksia integrefolia*	Semi-mature	8	1.5	160					160	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy extends into corridor.
238	Italian Cypress	*Cupressus sempervirens*	Mature	9	2	240					240	260	Good	Good	Medium	2. Medium	A1	2.9	1.9	Canopy extends into corridor.
239	Italian Cypress	*Cupressus sempervirens*	Mature	10	3	490					490	520	Good	Good	Medium	1. Long	A1	5.9	2.5	Canopy extends into corridor.
240	Italian Cypress	*Cupressus sempervirens*	Mature	10	3	480					480	490	Good	Good	Medium	2. Medium	A1	5.8	2.5	Canopy extends into corridor.
241	Bhutan Cypress	*Cupressus torulosa*	Mature	10	3	380					380	420	Good	Good	Medium	1. Long	A1	4.6	2.3	Canopy extends into corridor.
243a	Avocado	*Persea gratissima*	Semi-mature	5	2	200					200	220	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	Canopy extends into corridor.
244	Smooth Japanese Maple	*Acer palmatum*	Semi-mature	5	2	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
245	Eucalypt	*Eucalyptus spp*	Young	7	1.5	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
246	Weeping Bottlebrush	*Callistemon viminalis*	Mature	7	2	150					150	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy extends into corridor.
249	Southern Magnolia	*Magnolia grandiflora*	Mature	10	5	900					900	950	Fair	Good	High	2. Medium	A2	10.8	3.2	Canopy extends into corridor. Minor apical dieback. Monitor tree health.
250	Camphor Laurel	*Cinnamomum camphora*	Mature	11	5	1200					1200	1200	Good	Good	Medium	1. Long	A1	14.4	3.6	Canopy extends into corridor. DBH estimated.
251	Citrus	*Citrus spp*	Semi-mature	4	1	120					120	150	Fair	Fair	Low	5. Small/Young	Z3	2.0	1.5	Canopy within neighbouring property only.
252	Small Leaved Privet	*Ligustrum sinense*	Semi-mature	3	1	50					50	50	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.5	Canopy extends into corridor. Exempt species.
253	Green Cestrum	*Cestrum parqui*	Semi-mature	3	1.5	100					100	120	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.5	Canopy extends into corridor. Weed species.
254	Unknown	*Unknown spp*	Mature	5	4	480					480	480	Fair	Fair	Medium	3. Short	Z4	5.8	2.4	Canopy extends into corridor. Low foliage density with apical dieback. Minimal leaf remaining.
255	Oleander	*Nerium oleander*	Mature	5	2	350					350	350	Good	Fair	Low	5. Small/Young	Z1	4.2	2.1	Canopy extends into corridor. DBH measured at ground.
256	Oleander	*Nerium oleander*	Semi-mature	4	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Canopy extends into corridor. DBH measured at ground.
257	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	8	4	180	200	300			403	450	Good	Fair	Medium	2. Medium	A1	4.8	2.4	Canopy extends into corridor.
258	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	330					330	330	Good	Good	Medium	1. Long	A1	4.0	2.1	Canopy within nature strip only. DBH measured below stems.
259	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	330					330	340	Good	Good	Medium	1. Long	A1	4.0	2.1	Canopy within nature strip only. DBH measured below stems.
260	Camphor Laurel	*Cinnamomum camphora*	Mature	8	4	500					500	500	Good	Fair	Low	3. Short	Z3	6.0	2.5	Located within corridor. Topped for power line clearance.
261	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2.5	350					350	350	Good	Good	Medium	1. Long	A1	4.2	2.1	Canopy within nature strip only. DBH measured below stems.
262	Camphor Laurel	*Cinnamomum camphora*	Mature	7	4	1400					1400	1400	Good	Fair	Low	3. Short	Z3	15.0	3.8	Multi stem tree located within corridor and nature strip. Topped for power line clearance.
263	Camphor Laurel	*Cinnamomum camphora*	Mature	8	4	180	190	170			312	420	Good	Fair	Low	3. Short	Z3	3.7	2.3	Located within corridor. Exempt species topped for power line clearance.
264	Camphor Laurel	*Cinnamomum camphora*	Mature	7	4	400					400	400	Good	Fair	Low	3. Short	Z3	4.8	2.3	Located within corridor. Exempt species topped for power line clearance.
265	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	110	100				149	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Canopy within nature strip only.
266	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	2	400					400	400	Good	Fair	Low	5. Small/Young	Z1	4.8	2.3	Located within corridor. Multi stem tree DBH measured at ground.
267	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1.5	100	110				149	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Canopy within nature strip only.
268	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	2	350					350	350	Good	Fair	Low	5. Small/Young	Z1	4.2	2.1	Located within corridor. Multi stem tree DBH measured at ground.
269	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	100	80	90	50		164	250	Good	Good	Low	5. Small/Young	Z1	2.0	1.8	Canopy within nature strip only.
270	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
271	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	120	100	80	80		193	240	Good	Fair	Low	5. Small/Young	Z1	2.3	1.8	Canopy within nature strip only. Mechanical damage to trunk.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
272	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
273	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
274	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	160					160	170	Good	Good	Low	5. Small/Young	Z3	2.0	1.6	Located within corridor. Exempt species.
275	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	80	90	110			163	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Canopy within nature strip only.
276	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	1	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
277	Cotoneaster	*Cotoneaster spp*	Semi-mature	4	1.5	80	80	100			151	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Canopy within nature strip only.
278	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	1	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
279	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	1	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
280	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	1	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
281	Cotoneaster	*Cotoneaster spp*	Mature	5	3	170					170	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
282	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	100	100				141	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Canopy within nature strip only. Mechanical damage to stem.
283	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	1	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
284	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	1	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
285	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	1	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
286	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	1	250					250	250	Good	Good	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
287	Wattle	*Acacia spp*	Mature	5	2	190					190	200	Good	Fair	Low	3. Short	Z9	2.3	1.7	Located within corridor. Trunk lean into boundary fence.
288	Cheese Tree	*Glochidion ferdinandi*	Mature	5	3	450					450	450	Fair	Fair	Medium	3. Short	Z9	5.4	2.4	Located within corridor. Multi stem tree DBH measured at ground. Topped for power line clearance.
289	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	110					110	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy within nature strip only.
290	Wattle	*Acacia spp*	Semi-mature	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
291	Cheese Tree	*Glochidion ferdinandi*	Young	4	1	90					90	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
292	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	120	100				156	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Canopy extends into corridor. Branch failure at 500mm to the south.
G6	Cheese Tree	*Glochidion ferdinandi*	Semi-mature	5	2	100	150				180	200	Good	Fair	Medium	3. Short	Z9	2.2	1.7	Group of trees located within corridor and on nature strip. All topped at 5m for power line clearance. Approximately 15 trees.
293	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	80	130				153	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Canopy within nature strip only.
294	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.
295	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	3	1	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within corridor. Multi stem tree DBH measured at ground.
296	Camphor Laurel	*Cinnamomum camphora*	Mature	8	3	260	250	290			463	600	Good	Fair	Low	3. Short	Z3	5.6	2.7	Located within corridor. Exempt species topped for power line clearance.
297	Swamp Oak	*Casuarina glauca*	Semi-mature	4	1	180					180	190	Good	Fair	Low	3. Short	Z9	2.2	1.6	Canopy extends into corridor. Topped for power line clearance.
298	Swamp Oak	*Casuarina glauca*	Semi-mature	4	1	80	80	190			221	300	Good	Fair	Low	3. Short	Z9	2.7	2.0	Canopy extends into corridor. Topped for power line clearance.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
299	Swamp Oak	*Casuarina glauca*	Mature	4	2	360					360	410	Good	Fair	Medium	3. Short	Z9	4.3	2.3	Canopy extends into corridor. Topped for power line clearance.
300	Swamp Oak	*Casuarina glauca*	Mature	9	3	480					480	490	Good	Fair	Medium	3. Short	Z9	5.8	2.5	Canopy extends into corridor. Majority of crown topped for power line clearance.
301	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Semi-mature	4	2	250					250	250	Good	Good	Medium	1. Long	A1	3.0	1.8	Canopy extends slightly into corridor.
302	Weeping Bottlebrush	*Callistemon viminalis*	Mature	4	2	350					350	350	Good	Fair	Low	5. Small/Young	Z1	4.2	2.1	Canopy extends into corridor. Multi stem tree DBH measured at ground.
303	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Young	3	1	160					160	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
304	Willow Pepermint	*Eucalyptus elata*	Mature	4	2	270					270	300	Good	Fair	Medium	1. Long	A1	3.2	2.0	Canopy extends into corridor. Minor trunk lean.
304a	Bhutan Cypress	*Cupressus torulosa*	Mature	10	2	530					530	530	Good	Good	Medium	1. Long	A1	6.4	2.5	Canopy extends into access way.
305	Wattle	*Acacia spp*	Mature	7	3	340					340	380	Fair	Fair	Medium	3. Short	Z4	4.1	2.2	Low foliage density for species with apical dieback. Early stages of decline.
306	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Canopy adjacent to footpath only. DBH estimated.
307	Bhutan Cypress	*Cupressus torulosa*	Mature	12	3	500					500	550	Good	Good	Medium	1. Long	A1	6.0	2.6	None.
308	Bhutan Cypress	*Cupressus torulosa*	Mature	12	3	500					500	550	Good	Good	Medium	1. Long	A1	6.0	2.6	None.
309	Japanese Camellia	*Camellia japonica*	Semi-mature	3	1	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
367	Swamp Oak	*Casuarina glauca*	Mature	10	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within aquatic centre.
368	Swamp Oak	*Casuarina glauca*	Mature	12	2	300					300	320	Good	Good	Medium	1. Long	A1	3.6	2.1	Located within aquatic centre. Pruned for power lines.
369	Swamp Oak	*Casuarina glauca*	Mature	11	2	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	Located within aquatic centre. Pruned for power lines.
370	Swamp Oak	*Casuarina glauca*	Mature	14	2	300					300	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Located within aquatic centre. Pruned for power lines.
371	Swamp Oak	*Casuarina glauca*	Mature	14	2	300					300	340	Good	Good	Medium	1. Long	A1	3.6	2.1	Located within aquatic centre. Pruned for power lines.
372	Swamp Oak	*Casuarina glauca*	Mature	15	4	490					490	540	Good	Good	High	1. Long	A1	5.9	2.6	Located within aquatic centre. Pruned for power lines.
373	Swamp Oak	*Casuarina glauca*	Mature	15	3	410					410	440	Good	Good	Medium	1. Long	A1	4.9	2.3	Located within aquatic centre. Pruned for power lines.
409	Chinese Tallo	*Triadica sebifera*	Mature	5	2.5	230	220				318	450	Good	Fair	Medium	2. Medium	A2	3.8	2.4	Located within nature strip. Pruned for power lines.
410	Chinese Tallo	*Triadica sebifera*	Mature	5	3	420					420	440	Good	Fair	Medium	2. Medium	A2	5.0	2.3	Located within nature strip. Pruned for power lines.
414	Norfolk Island Hibiscus	*Lagunaria patersonia*	Mature	5	2	340					340	400	Good	Fair	Medium	2. Medium	A2	4.1	2.3	Located within nature strip. Pruned for power lines.
415	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	5	4	800					800	840	Good	Fair	High	3. Short	Z10	9.6	3.1	Located within nature strip. Topped for power lines.
418	Black Peppermint	*Eucalyptus nicholii*	Mature	5	5	520					520	540	Fair	Fair	Medium	3. Short	Z10	6.2	2.6	Located within nature strip. Topped for power lines. Canopy extends into corridor. Exempt species.
421	Chinese Tallo	*Triadica sebifera*	Mature	5	2	300					300	330	Good	Fair	Medium	3. Short	Z10	3.6	2.1	Located within nature strip. Topped for power lines.
422	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	5	3	450					450	480	Good	Fair	Medium	3. Short	Z10	5.4	2.4	Located within nature strip. Topped for power lines.
423	Norfolk Island Hibiscus	*Lagunaria patersonia*	Mature	5	2.5	310					310	330	Good	Fair	Medium	2. Medium	A2	3.7	2.1	Located within nature strip. Pruned for power lines.
424	Sweetgum	*Liquidambar styraciflua*	Mature	8	3	330					330	350	Good	Fair	Low	2. Medium	Z3	4.0	2.1	Located within nature strip. Pruned for power line clearance. Exempt species.
425	Sweetgum	*Liquidambar styraciflua*	Mature	8	4	410					410	440	Good	Fair	Low	2. Medium	Z3	4.9	2.3	Located within nature strip. Minor pruning for power lines. Exempt species.
431	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	11	5	780					780	840	Good	Good	High	1. Long	A1	9.4	3.1	Located within nature strip.
437	Sweetgum	*Liquidambar styraciflua*	Mature	11	4	440					440	450	Good	Good	Low	1. Long	Z3	5.3	2.4	Located within nature strip. Exempt species.
445	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	11	4	750					750	800	Good	Good	High	1. Long	A1	9.0	3.0	Located within nature strip.
452	Black Peppermint	*Eucalyptus nicholii*	Mature	10	4	510					510	550	Fair	Fair	Medium	3. Short	Z9	6.1	2.6	Located within nature strip. Asymmetric crown shape due to power line clearance. Fungal bracket (Phellinus spp) on north side of trunk. Extent of decay in unknown.
455	Chinese Tallo	*Triadica sebifera*	Mature	7	2	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	Located within nature strip.
458	Norfolk Island Hibiscus	*Lagunaria patersonia*	Mature	6	1.5	240					240	280	Good	Fair	Medium	2. Medium	A2	2.9	1.9	Located within nature strip. Pruned for power lines.
459	Chinese Tallo	*Triadica sebifera*	Semi-mature	6	1.5	210					210	230	Good	Fair	Medium	2. Medium	A2	2.5	1.8	Located within nature strip. Pruned for power lines.
461	Chinese Tallo	*Triadica sebifera*	Mature	5	2	260	250				361	490	Good	Fair	Medium	2. Medium	A2	4.3	2.5	Located within nature strip. Pruned for power lines.
462	Chinese Tallo	*Triadica sebifera*	Mature	5	2	300					300	410	Good	Fair	Medium	2. Medium	A2	3.6	2.3	Located within nature strip. Pruned for power lines.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
466	Chinese Tallo	*Triadica sebifera*	Mature	5	2	240	200				312	400	Good	Fair	Medium	2. Medium	A2	3.7	2.3	Located within nature strip. Co-dominant stems with tight union. Pruned for power lines.
469	Chinese Tallo	*Triadica sebifera*	Mature	5	2	370					370	390	Good	Good	Medium	2. Medium	A1	4.4	2.2	Located within nature strip. Growing under power lines. DBH measured below stems.
472	Chinese Tallo	*Triadica sebifera*	Mature	5	2	200	290				352	440	Good	Good	Medium	2. Medium	A1	4.2	2.3	Located within nature strip. Growing under power lines.
476	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	5	2	750					750	900	Good	Fair	Medium	3. Short	Z9	9.0	3.2	Located within nature strip. Topped for power line clearance.
477	Chinese Tallo	*Triadica sebifera*	Semi-mature	4	1.5	310					310	320	Good	Fair	Medium	2. Medium	A1	3.7	2.1	Located within nature strip. Pruned for power lines.
478	Chinese Tallo	*Triadica sebifera*	Semi-mature	4	1.5	230					230	260	Good	Fair	Medium	2. Medium	A1	2.8	1.9	Located within nature strip. Pruned for power lines.
479	Chinese Tallo	*Triadica sebifera*	Semi-mature	4	1	210	170				270	280	Good	Fair	Medium	2. Medium	A1	3.2	1.9	Located within nature strip. Pruned for power lines.
481	Black Peppermint	*Eucalyptus nicholii*	Mature	5	1.5	280					280	300	Fair	Fair	Low	2. Medium	Z3	3.4	2.0	Located within nature strip. Topped for power lines. Exempt species.
483	Norfolk Island Hibiscus	*Lagunaria patersonia*	Mature	5.5	2	350					350	380	Good	Fair	Medium	2. Medium	A2	4.2	2.2	Located within nature strip. Pruned for power lines.
484	Chinese Tallo	*Triadica sebifera*	Semi-mature	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip. Pruned for power lines.
485	Camphor Laurel	*Cinnamomum camphora*	Mature	5	2.5	410					410	440	Good	Fair	Low	3. Short	Z9	4.9	2.3	Located within corridor. Topped for power line clearance.
486	Chinese Tallo	*Triadica sebifera*	Semi-mature	4	1.5	160	150				219	290	Good	Fair	Low	3. Short	Z9	2.6	2.0	Located within nature strip. Topped for power lines.
487	Chinese Tallo	*Triadica sebifera*	Semi-mature	4	1.5	270					270	350	Good	Fair	Medium	2. Medium	A2	3.2	2.1	Located within nature strip. Pruned for power lines.
488	Chinese Tallo	*Triadica sebifera*	Semi-mature	4	2	150	140				205	280	Good	Fair	Medium	2. Medium	A2	2.5	1.9	Located within nature strip. Pruned for power lines.
489	Black Peppermint	*Eucalyptus nicholii*	Mature	12	5	640					640	700	Good	Fair	Medium	2. Medium	Z3	7.7	2.8	Located within nature strip. Asymmetric crown shape due to power line clearance. Exempt species.
490	Sweetgum	*Liquidambar styraciflua*	Mature	8	3	390					390	410	Good	Fair	Low	2. Medium	Z3	4.7	2.3	Located within nature strip. Pruned for power lines. Exempt species.
491	Sweetgum	*Liquidambar styraciflua*	Mature	10	4	460					460	480	Good	Fair	Low	2. Medium	Z3	5.5	2.4	Located within nature strip. Pruned for power lines. Exempt species.
492	Black Peppermint	*Eucalyptus nicholii*	Mature	11	5	920					920	990	Good	Fair	Medium	2. Medium	Z3	11.0	3.3	Located within nature strip. Pruned for power lines. Exempt species.
493	Sweetgum	*Liquidambar styraciflua*	Mature	9.5	4	460					460	480	Good	Fair	Low	2. Medium	Z3	5.5	2.4	Located within nature strip. Pruned for power lines. Exempt species.
494	Sweetgum	*Liquidambar styraciflua*	Mature	9	4	410					410	430	Good	Fair	Low	2. Medium	Z3	4.9	2.3	Located within nature strip. Pruned for power lines. Exempt species.
495	Sweetgum	*Liquidambar styraciflua*	Mature	10	4	430					430	470	Good	Fair	Low	2. Medium	Z3	5.2	2.4	Located within nature strip. Pruned for power lines. Exempt species.
496	Sweetgum	*Liquidambar styraciflua*	Mature	9	4	400					400	440	Good	Fair	Low	5. Small/Young	Z3	4.8	2.3	Located within nature strip. Pruned for power lines. Exempt species.
497	Sweetgum	*Liquidambar styraciflua*	Mature	9	4	450					450	490	Good	Fair	Low	2. Medium	Z3	5.4	2.5	Located within nature strip. Pruned for power lines. Exempt species.
498	Sweetgum	*Liquidambar styraciflua*	Mature	9	4	500					500	540	Good	Fair	Low	2. Medium	Z3	6.0	2.6	Located within nature strip. Pruned for power lines. Exempt species.
503	She Oak	*Casuarina spp*	Mature	8	2	220					220	250	Good	Good	Medium	1. Long	A1	2.6	1.8	Located within corridor.
508	Parramatta Wattle	*Acacia parramattensis*	Young	3	1	100					100	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
510	Parramatta Wattle	*Acacia parramattensis*	Mature	7	2	180					180	200	Good	Good	Medium	2. Medium	A1	2.2	1.7	Located within corridor.
511	Bracelet Honey Myrtle	*Melaleuca armillaris*	Mature	6	3	160	120	130	110		263	450	Good	Fair	Medium	2. Medium	A1	3.2	2.4	Located within nature strip. Canopy extends into corridor.
512	Silky Oak	*Grevillea robusta*	Semi-mature	8	2	170					170	190	Good	Good	Medium	2. Medium	A1	2.0	1.6	Located within corridor.
513	Silky Oak	*Grevillea robusta*	Young	6	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
514	Chinese Hackberry	*Celtis sinensis*	Semi-mature	3	1.5	250					250	250	Good	Fair	Very Low	5. Small/Young	Z3	3.0	1.8	Located within corridor. Exempt species.
515	Cotoneaster	*Cotoneaster spp*	Semi-mature	4	1.5	80	100				128	250	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within nature strip.
526	Weeping Bottlebrush	*Callistemon viminalis*	Mature	4	2.5	450					450	450	Good	Fair	Medium	2. Medium	A2	5.4	2.4	Located within nature strip. Multi stem tree DBH measured at base. Topped for power line clearance.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
527	Weeping Bottlebrush	*Callistemon viminalis*	Mature	4	3	600					600	600	Good	Fair	Medium	2. Medium	A2	7.2	2.7	Located within nature strip. Multi stem tree DBH measured at base. Topped for power line clearance.
528	Weeping Bottlebrush	*Callistemon viminalis*	Mature	4	2	340					340	360	Good	Fair	Medium	2. Medium	A2	4.1	2.2	Located within nature strip. Pruned for power lines.
529	Weeping Bottlebrush	*Callistemon viminalis*	Mature	4	3	390					390	440	Good	Fair	Medium	2. Medium	A2	4.7	2.3	Located within nature strip. Topped for power line clearance.
530	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	3	220	170	160	160		358	450	Good	Fair	Medium	2. Medium	A2	4.3	2.4	Located within nature strip. Pruned for power lines.
531	Weeping Bottlebrush	*Callistemon viminalis*	Mature	4.5	3	460					460	460	Good	Fair	Medium	2. Medium	A2	5.5	2.4	Located within nature strip. Multi stem tree DBH measured at base. Topped for power line clearance.
532	Common or Black Mulberry	*Morus nigra*	Semi-mature	3	1.5	100	100				141	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. Exempt species.
533	Weeping Bottlebrush	*Callistemon viminalis*	Mature	4	3	440					440	440	Good	Fair	Medium	2. Medium	A2	5.3	2.3	Located within nature strip. Multi stem tree DBH measured at base. Topped for power line clearance.
534	Weeping Bottlebrush	*Callistemon viminalis*	Mature	4	3	540					540	540	Good	Fair	Medium	2. Medium	A2	6.5	2.6	Located within nature strip. Multi stem tree DBH measured at base. Topped for power line clearance.
535	Turpentine	*Syncarpia glomulifera*	Semi-mature	4	1.5	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within nature strip. Pruned for power lines.
536	Black Peppermint	*Eucalyptus nicholii*	Mature	10	4.5	790					790	840	Fair	Fair	Medium	2. Medium	Z3	9.5	3.1	Located within nature strip. Low foliage density for species. Pruned for power line clearance.
537	Turpentine	*Syncarpia glomulifera*	Semi-mature	8	1.5	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within nature strip.
538	Turpentine	*Syncarpia glomulifera*	Semi-mature	6	1.5	200					200	220	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Located within nature strip. Co-dominant stems at 1m.
539	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	1	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
540	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	1	150					150	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
541	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	1	150	110				186	180	Good	Fair	Low	5. Small/Young	Z1	2.2	1.6	Located within corridor.
542	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
543	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	1	160					160	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
544	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	14	6	730					730	750	Good	Fair	Medium	2. Medium	Z3	8.8	2.9	Located within nature strip. Exempt species. Pruned for power line clearance.
740	Tallowood	*Eucalyptus microcorys*	Mature	23	8	850					850	900	Good	Good	High	1. Long	A1	10.2	3.2	Canopy extends into corridor.
741	Tallowood	*Eucalyptus microcorys*	Mature	19	5	500					500	620	Good	Good	High	1. Long	A1	6.0	2.7	Located within corridor.
742	Loquat	*Eriobotrya japonica*	Semi-mature	6	2	160					160	190	Good	Good	Low	2. Medium	Z3	2.0	1.6	Located within corridor. Exempt species.
743	Argyle Apple	*Eucalyptus cinerea*	Mature	17	4	400					400	440	Fair	Fair	Medium	3. Short	Z10	4.8	2.3	Low foliage density for species. Located within adjoining property.
744	Tallowood	*Eucalyptus microcorys*	Mature	24	9	720					720	940	Good	Good	High	1. Long	A1	8.6	3.2	Located within corridor. Co-dominant stems at 8m with relatively good form to union.
745	Blueberry Ash	*Elaeocarpus reticulatus*	Mature	9	3	250					250	300	Good	Good	Medium	2. Medium	A1	3.0	2.0	Canopy extends into corridoor.
746	Black Tea-tree	*Melaleuca bracteata*	Mature	10	4	550					550	600	Good	Good	Medium	1. Long	A1	6.6	2.7	Located within park.
747	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	16	5	500					500	550	Good	Fair	Medium	2. Medium	A2	6.0	2.6	Located within corridor. Majority of structural roots exposed.
748	Weeping Bottlebrush	*Callistemon viminalis*	Mature	12	4	300	260				397	500	Good	Fair	Medium	2. Medium	A1	4.8	2.5	Located within corridor. Canopy interference with adjacent tree.
749	Weeping Bottlebrush	*Callistemon viminalis*	Mature	9	3	250					250	300	Fair	Fair	Medium	3. Short	Z4	3.0	2.0	Located within adjoining property. In decline.
750	Mango	*Mangifera indica*	Mature	9	5	450					450	500	Good	Good	Medium	1. Long	A1	5.4	2.5	Located within adjoining property. Canopy extends into corridor.
751	Monterey Cypress	*Cupressus macrocarpa*	Mature	10	3	400					400	450	Good	Good	Medium	1. Long	A1	4.8	2.4	Canopy extends into corridor.
752	Monterey Cypress	*Cupressus macrocarpa*	Mature	10	4	400					400	450	Good	Good	Medium	1. Long	A1	4.8	2.4	Canopy extends into corridor.
753	Monterey Cypress	*Cupressus macrocarpa*	Mature	10	3	400					400	450	Good	Good	Medium	1. Long	A1	4.8	2.4	Canopy extends into corridor.
754	Silky Oak	*Grevillea robusta*	Mature	14	6	600					600	650	Fair	Fair	Medium	2. Medium	A2	7.2	2.8	Canopy extends into corridor. Low foliage density for species. No pruning required.
755	Firewheel	*Stenocarpus sinuatus*	Semi-mature	8	2	300					300	350	Good	Fair	Medium	2. Medium	A1	3.6	2.1	Canopy extends into corridor. Multi stem tree. DBH estimated.
756	Sweet Chestnut	*Castanea sativa*	Semi-mature	4	2	200					200	220	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	Canopy extends into corridor.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
757	Common or Black Mulberry	*Morus nigra*	Mature	5	2	250					250	300	Good	Fair	Low	5. Small/Young	Z3	3.0	2.0	Canopy extends into corridor.
758	Coastal Banksia	*Banksia integrefolia*	Semi-mature	8	2	200					200	200	Good	Good	Medium	2. Medium	A1	2.4	1.7	DBH estimated.
759	Turpentine	*Syncarpia glomulifera*	Young	4	1	80					80	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located outside corridor.
760	Mango	*Mangifera indica*	Mature	6	2	200	100	120	100		273	400	Good	Good	Medium	1. Long	A1	3.3	2.3	Canopy extends into corridor.
761	Mango	*Mangifera indica*	Mature	6	2	250					250	300	Good	Good	Medium	1. Long	A1	3.0	2.0	Canopy extends into corridor.
762	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	9	4	300	280				410	500	Good	Good	Medium	1. Long	A1	4.9	2.5	Canopy extends into corridor.
763	Cook Pine	*Araucaria columnaris*	Mature	15	3	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Located in adjoining property.
764	Weeping Bottlebrush	*Callistemon viminalis*	Mature	7	4	370	300				476	490	Good	Good	Medium	1. Long	A1	5.7	2.5	Located on nature strip.
765	Red Flowering Gum	*Corymbia ficifolia*	Semi-mature	5	2	160					160	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Canopy extends into corridor.
766	Black Tea-tree	*Melaleuca bracteata*	Semi-mature	8	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Canopy extends into corridor.
767	Smooth Barked Apple	*Angophora costata*	Mature	18	5	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	Canopy extends into corridor.
768	Wattle	*Acacia spp*	Mature	10	2	250					250	300	Good	Good	Medium	2. Medium	A1	3.0	2.0	Canopy extends into corridor.
769	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	8	2	180					180	200	Good	Good	Low	5. Small/Young	Z1	2.2	1.7	Canopy extends into corridor.
770	Lemon	*Citrus x limon*	Semi-mature	5	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
771	Common Fig	*Ficus carica*	Semi-mature	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
772	Cabbage Palm	*Livistona australis*	Mature	9	2	340					340	NA	Good	Good	Medium	1. Long	A1	3.0	NA	Set back from corridor. No pruning required.
773	Camphor Laurel	*Cinnamomum camphora*	Young	4	1	50					50	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
774	Cotoneaster	*Cotoneaster spp*	Semi-mature	4	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor.
775	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	2	300					300	300	Good	Fair	Very Low	5. Small/Young	Z3	3.6	2.0	Exempt species.
776	Cheese Tree	*Glochidion ferdinandi*	Young	5	1	50	50				71	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
777	Cheese Tree	*Glochidion ferdinandi*	Semi-mature	5	2	200					200	220	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	Located within corridor.
778	Cheese Tree	*Glochidion ferdinandi*	Young	4	1	100					100	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
779	Chinese Hackberry	*Celtis sinensis*	Semi-mature	4	2	180					180	200	Good	Fair	Very Low	5. Small/Young	Z3	2.2	1.7	Exempt species.
780	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
781	Trident Maple	*Acer buergeranum*	Young	5	1	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
782	Parramatta Wattle	*Acacia parramattensis*	Young	5	2	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.
783	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Topped for power lines.
784	Chinese Tallo	*Triadica sebifera*	Mature	8	4	400					400	470	Good	Good	Medium	2. Medium	A1	4.8	2.4	Located within corridor.
785	Camphor Laurel	*Cinnamomum camphora*	Mature	9	7	700	400	300	300		911	1800	Good	Fair	Medium	3. Short	Z10	10.9	4.2	Significant canopy pruning for powerline clearance. Located outside corridor.
786	River She Oak	*Casuarina cunninghamiana*	Mature	18	5	440					440	500	Good	Fair	Medium	2. Medium	A2	5.3	2.5	Asymmetric crown shape due to power line clearance.
787	River She Oak	*Casuarina cunninghamiana*	Mature	21	7	680					680	990	Good	Fair	Medium	2. Medium	A1	8.2	3.3	Asymmetric crown shape due to power line clearance.
788	Camphor Laurel	*Cinnamomum camphora*	Mature	8	6	800	350	300	250		957	1300	Good	Fair	Medium	3. Short	Z10	11.5	3.7	Significant canopy pruning for powerline clearance. Located outside corridor.
789	Camphor Laurel	*Cinnamomum camphora*	Mature	9	7	420	380	710			908	1400	Good	Fair	Medium	3. Short	Z10	10.9	3.8	Significant canopy pruning for powerline clearance. Located outside corridor.
790	Camphor Laurel	*Cinnamomum camphora*	Mature	9	8	1050					1050	1200	Good	Fair	Medium	3. Short	Z10	12.6	3.6	Significant canopy pruning for powerline clearance. Located outside corridor.
791	Camphor Laurel	*Cinnamomum camphora*	Mature	10	7	1350					1350	1500	Good	Poor	Medium	4. Remove	Z5	15.0	3.9	Significant canopy pruning for powerline clearance. Large internal cavity in central trunk. Located outside corridor.
792	Camphor Laurel	*Cinnamomum camphora*	Mature	8	8	850					850	900	Good	Fair	Medium	3. Short	Z10	10.2	3.2	Significant canopy pruning for powerline clearance. Located outside corridor.
793	Swamp Oak	*Casuarina glauca*	Mature	16	5	460					460	520	Good	Fair	Medium	2. Medium	A1	5.5	2.5	Asymmetric crown shape due to power line clearance.
794	Swamp Oak	*Casuarina glauca*	Mature	5	1	300					300	380	Fair	Poor	Medium	4. Remove	Z10	3.6	2.2	Topped at 5m for power line clearance.
795	Swamp Oak	*Casuarina glauca*	Mature	16	4	500					500	580	Good	Fair	Medium	2. Medium	A1	6.0	2.6	Asymmetric crown shape due to power line clearance.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
796	Camphor Laurel	*Cinnamomum camphora*	Mature	9	7	800					800	850	Good	Fair	Medium	3. Short	Z10	9.6	3.1	Significant canopy pruning for powerline clearance. Located outside corridor.
797	River She Oak	*Casuarina cunninghamiana*	Mature	19	5	580					580	650	Good	Fair	Medium	2. Medium	A1	7.0	2.8	Asymmetric crown shape due to power line clearance.
798	River She Oak	*Casuarina cunninghamiana*	Mature	18	6	600					600	680	Good	Fair	Medium	2. Medium	A1	7.2	2.8	Asymmetric crown shape due to power line clearance.
799	River She Oak	*Casuarina cunninghamiana*	Mature	17	4	360					360	420	Good	Fair	Medium	2. Medium	A1	4.3	2.3	Asymmetric crown shape due to power line clearance.
800	River She Oak	*Casuarina cunninghamiana*	Mature	19	5	470					470	550	Good	Fair	Medium	2. Medium	A1	5.6	2.6	Asymmetric crown shape due to power line clearance.
801	River She Oak	*Casuarina cunninghamiana*	Mature	20	5	550					550	690	Good	Fair	Medium	2. Medium	Z10	6.6	2.8	Asymmetric crown shape due to power line clearance.
802	River She Oak	*Casuarina cunninghamiana*	Mature	20	7	650					650	740	Good	Fair	Medium	2. Medium	A1	7.8	2.9	Asymmetric crown shape due to power line clearance.
803	River She Oak	*Casuarina cunninghamiana*	Mature	20	7	690					690	800	Good	Fair	High	2. Medium	A1	8.3	3.0	Asymmetric crown shape due to power line clearance.
804	Queensland Brushbox	*Lophostemon confertus*	Mature	14	6	750					750	850	Good	Good	High	1. Long	A1	9.0	3.1	None.
805	Chinese Tallo	*Triadica sebifera*	Semi-mature	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within corridor.
806	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	100	120	200			254	360	Good	Fair	Low	5. Small/Young	Z3	3.0	2.2	Located within corridor. Exempt species.
807	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	80	100	130	190		263	450	Good	Fair	Low	5. Small/Young	Z3	3.2	2.4	Located within corridor. Exempt species.
808	Spotted Gum	*Corymbia maculata*	Semi-mature	10	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
809	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	100	120	80	80	80	209	400	Good	Fair	Low	5. Small/Young	Z1	2.5	2.3	Located within corridor.
810	Chinese Tallo	*Triadica sebifera*	Semi-mature	5	2	100	100	80	60		173	300	Good	Fair	Low	5. Small/Young	Z1	2.1	2.0	Located within corridor.
811	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	100	100	150			206	300	Good	Fair	Low	5. Small/Young	Z3	2.5	2.0	Located within corridor. Exempt species.
812	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	5	2	200					200	250	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	Located within corridor.
813	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	400					400	400	Good	Fair	Low	5. Small/Young	Z3	4.8	2.3	Located within corridor. Exempt species.
814	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	100	100	100			173	NA	Good	Fair	Low	5. Small/Young	Z3	3.0	NA	Located within corridor. Exempt species.
815	Chinese Elm	*Ulmus parviflora*	Young	5	2	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
816	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	100	100	100	100	100	224	400	Good	Fair	Low	5. Small/Young	Z3	2.7	2.3	Located within corridor. Exempt species.
817	Chinese Elm	*Ulmus parviflora*	Young	4	2	50	50	50			87	250	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within corridor.
818	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	500					500	500	Good	Fair	Low	5. Small/Young	Z3	6.0	2.5	Located within corridor. Exempt species.
819	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	4	2	300	300	300	300		600	1200	Good	Fair	Low	5. Small/Young	Z3	7.2	3.6	Located within corridor. Exempt species. Clump of trees.
820	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	400					400	400	Good	Fair	Low	5. Small/Young	Z3	4.8	2.3	Located within corridor. Exempt species.
821	Camphor Laurel	*Cinnamomum camphora*	Young	4	1	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Located within corridor. Exempt species.
822	Camphor Laurel	*Cinnamomum camphora*	Young	4	1	350					350	350	Good	Fair	Low	5. Small/Young	Z3	4.2	2.1	Located within corridor. Exempt species.
823	Broad Leaved Privet	*Ligustrum lucidum*	Young	4	1	200					200	200	Good	Fair	Very Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. Exempt species.
824	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	3	2	450					450	450	Fair	Poor	Low	5. Small/Young	Z3	5.4	2.4	Located within corridor. Exempt species. Topped for power line clearance.
825	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	4	2	500					500	500	Fair	Poor	Low	5. Small/Young	Z3	6.0	2.5	Located within corridor. Exempt species. Topped for power line clearance.
826	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	4	2	350					350	350	Fair	Poor	Low	5. Small/Young	Z3	4.2	2.1	Located within corridor. Exempt species. Topped for power line clearance.
827	Common or Black Mulberry	*Morus nigra*	Semi-mature	4	2	350					350	350	Fair	Fair	Low	5. Small/Young	Z3	4.2	2.1	Located within corridor. Exempt species. Topped for power line clearance.
828	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	190					190	240	Good	Good	Low	5. Small/Young	Z1	2.3	1.8	Located within corridor. DBH estimated.
829	Common or Black Mulberry	*Morus nigra*	Young	5	2	250					250	300	Good	Fair	Low	5. Small/Young	Z3	3.0	2.0	Located within corridor. Exempt species. Topped for power line clearance.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
830	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	220					220	270	Good	Good	Low	5. Small/Young	Z1	2.6	1.9	Located within corridor. Culvert restricting root growth patterns.
831	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	5	2	260					260	310	Fair	Good	Medium	2. Medium	A2	3.1	2.0	Low foliage density for species.
832	Canary Palm	*Phoenix canariensis*	Semi-mature	5	2	400					400	NA	Good	Good	Low	5. Small/Young	Z3	3.0	NA	Located within corridor. Exempt species.
833	Canary Palm	*Phoenix canariensis*	Semi-mature	5	2	350					350	NA	Good	Good	Low	5. Small/Young	Z3	3.0	NA	Located within corridor. Exempt species.
834	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	450					450	450	Good	Fair	Low	5. Small/Young	Z3	5.4	2.4	Located within corridor. DBH estimated.
835	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	5	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
836	African Olive	*Olea europaea subsp. cuspidata*	Young	4	1	200					200	200	Good	Fair	Very Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. DBH estimated.
837	African Olive	*Olea europaea subsp. cuspidata*	Young	4	1	200					200	200	Good	Fair	Very Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. DBH estimated.
838	Ash 'Raywood'	*Fraxinus raywood*	Young	6	2	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.
839	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	210					210	260	Good	Good	Medium	1. Long	A1	2.5	1.9	None.
840	Canary Palm	*Phoenix canariensis*	Semi-mature	5	2	350					350	NA	Good	Good	Low	5. Small/Young	Z3	3.0	NA	Located within corridor. DBH estimated.
841	Camphor Laurel	*Cinnamomum camphora*	Young	5	1	100					100	120	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. DBH estimated.
842	Canary Palm	*Phoenix canariensis*	Semi-mature	5	2	350					350	NA	Good	Good	Low	5. Small/Young	Z3	3.0	NA	Located within corridor. DBH estimated.
843	Camphor Laurel	*Cinnamomum camphora*	Young	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. DBH estimated.
844	Brown Pine	*Podocarpus elatus*	Young	4	1	90	90				127	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.
845	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	5	2	220					220	260	Good	Good	Medium	1. Long	A1	2.6	1.9	None.
846	Brown Pine	*Podocarpus elatus*	Semi-mature	7	2	450					450	450	Good	Fair	Medium	1. Long	A1	5.4	2.4	Located within corridor. DBH estimated at base.
847	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. DBH estimated. Exempt species.
848	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	240					240	300	Good	Good	Medium	1. Long	A1	2.9	2.0	None.
849	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	None.
850	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	5	2	200					200	280	Good	Good	Medium	1. Long	A1	2.4	1.9	None.
851	Ash 'Raywood'	*Fraxinus raywood*	Semi-mature	6	2	220					220	280	Good	Good	Medium	1. Long	A1	2.6	1.9	Located within corridor. DBH estimated.
852	Eucalypt	*Eucalyptus spp*	Young	6	2	160					160	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within corridor. DBH estimated.
853	Sydney Blue Gum	*Eucalyptus saligna*	Mature	20	6	400	360				538	700	Good	Good	High	1. Long	A1	6.5	2.8	Located within corridor. DBH estimated.
854	Sydney Blue Gum	*Eucalyptus saligna*	Mature	20	6	300	360	200			510	600	Good	Good	High	1. Long	A1	6.1	2.7	Located within corridor. DBH estimated.
855	Swamp Oak	*Casuarina glauca*	Semi-mature	6	2	200					200	300	Good	Fair	Medium	2. Medium	A1	2.4	2.0	Located within corridor. DBH estimated. Trunk lean towards fence.
856	Sydney Blue Gum	*Eucalyptus saligna*	Mature	11	3	300	260				397	490	Good	Good	Medium	1. Long	A1	4.8	2.5	Located within corridor. DBH estimated.
857	River Red Gum	*Eucalyptus camaldulensis*	Mature	28	11	1200					1200	1400	Good	Fair	Very High	1. Long	A4	14.4	3.8	Numerous hollows through trunk and mid crown. Possible ecological significance.
858	Chinese Tallo	*Triadica sebifera*	Semi-mature	5	2	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor. DBH estimated.
859	Ash 'Raywood'	*Fraxinus raywood*	Semi-mature	6	2	100	130	140			216	300	Good	Fair	Low	5. Small/Young	Z1	2.6	2.0	Located within corridor. DBH estimated.
860	Chinese Tallo	*Triadica sebifera*	Mature	9	2	250					250	300	Fair	Fair	Medium	3. Short	Z4	3.0	2.0	Located within corridor. DBH estimated. Low foliage density for species.
861	Chinese Tallo	*Triadica sebifera*	Semi-mature	6	2	180					180	200	Fair	Fair	Low	5. Small/Young	Z1	2.2	1.7	Located within corridor. DBH estimated. Growing through fence.
862	Chinese Tallo	*Triadica sebifera*	Mature	8	2	250					250	300	Good	Fair	Medium	2. Medium	A1	3.0	2.0	Located within corridor. DBH estimated. Branches growing through fence.
863	Sydney Blue Gum	*Eucalyptus saligna*	Mature	24	7	640					640	720	Good	Good	High	1. Long	A1	7.7	2.9	Co-dominant stems at 4m.
864	Crepe Myrtle	*Lagerstroemia indica*	Mature	6	3	400					400	400	Good	Good	Medium	2. Medium	A1	4.8	2.3	DBH measured at base.
865	Lemon Scented Tea Tree	*Leptospermum petersonii*	Semi-mature	4	2	200					200	200	Good	Good	Low	5. Small/Young	Z1	2.4	1.7	Located directly adjacent to fence.
866	Chinese Tallo	*Triadica sebifera*	Mature	9	4	400					400	450	Good	Fair	Medium	2. Medium	A1	4.8	2.4	Located within corridor. DBH estimated.
867	Canary Palm	*Phoenix canariensis*	Semi-mature	5	2	350					350	NA	Good	Good	Low	5. Small/Young	Z3	3.0	NA	Located within corridor. DBH estimated. Exempt species.
868	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	190	210				283	400	Good	Fair	Medium	2. Medium	A1	3.4	2.3	Located directly adjacent to fence.
869	Queensland Brushbox	*Lophostemon confertus*	Mature	10	8	950					950	1000	Good	Good	High	1. Long	A1	11.4	3.3	None.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
870	Lemon Scented Tea Tree	*Leptospermum petersonii*	Semi-mature	8	1	140					140	200	Good	Fair	Medium	2. Medium	A1	2.0	1.7	Located directly adjacent to fence.
871	Unknown	*Unknown spp*	Dead	6	1	150					150	180	Dead	Poor	Very Low	4. Remove	Z4	2.0	1.6	Located directly adjacent to fence. Dead tree.
872	Chinese Tallo	*Triadica sebifera*	Semi-mature	6	1	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. DBH estimated.
873	Chinese Tallo	*Triadica sebifera*	Semi-mature	6	2	200					200	220	Good	Good	Medium	2. Medium	A1	2.4	1.8	Located within corridor. DBH estimated.
874	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	1	110	90				142	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
875	Lemon Scented Tea Tree	*Leptospermum petersonii*	Semi-mature	6	1	130					130	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.
876	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	480					480	590	Good	Good	High	1. Long	A1	5.8	2.7	None.
877	Canary Palm	*Phoenix canariensis*	Semi-mature	5	2	350					350	NA	Good	Good	Low	5. Small/Young	Z3	3.0	NA	Located within corridor. DBH estimated.
878	Eucalypt	*Eucalyptus spp*	Mature	15	5	300	400	200			539	900	Good	Fair	High	1. Long	A1	6.5	3.2	Located within corridor. DBH estimated.
879	Bangalay	*Eucalyptus botryoides*	Mature	19	9	450	400				602	1200	Good	Good	Very High	1. Long	A1	7.2	3.6	Located within corridor. South stem in contact with fence.
880	Grey Ironbark	*Eucalyptus paniculata*	Semi-mature	7	3	260					260	300	Good	Good	Medium	1. Long	A1	3.1	2.0	None.
881	Lemon Scented Tea Tree	*Leptospermum petersonii*	Semi-mature	6	2	100	150				180	400	Good	Good	Low	5. Small/Young	Z1	2.2	2.3	Located directly adjacent to fence.
882	Queensland Brushbox	*Lophostemon confertus*	Mature	9	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Located within corridor. DBH estimated.
883	Black Peppermint	*Eucalyptus nicholii*	Mature	8	6	430	320				536	650	Good	Fair	Medium	2. Medium	Z3	6.4	2.8	Trunk lean and majority of crown within corridor. West stem lopped at fence height. Exempt species.
884	Eucalypt	*Eucalyptus spp*	Mature	12	4	330					330	380	Good	Good	High	1. Long	A1	4.0	2.2	None.
885	Swamp Mahogany	*Eucalyptus robusta*	Mature	24	8	820					820	960	Good	Good	Very High	1. Long	A1	9.8	3.3	Located directly adjacent to fence.
886	Grey Ironbark	*Eucalyptus paniculata*	Semi-mature	9	3	260					260	300	Good	Good	Medium	1. Long	A1	3.1	2.0	None.
887	Lemon Scented Tea Tree	*Leptospermum petersonii*	Semi-mature	5	2	100	110				149	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located directly adjacent to fence.
888	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	1	110					110	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
889	Swamp Mahogany	*Eucalyptus robusta*	Mature	16	6	300	600	600			900	1300	Fair	Good	High	2. Medium	A2	10.8	3.7	Located within corridor. DBH estimated. Low foliage density for species.
890	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	200	200				283	400	Good	Good	Medium	2. Medium	A1	3.4	2.3	Located adjacent to fence.
891	Eucalypt	*Eucalyptus spp*	Mature	11	4	410					410	470	Good	Good	High	1. Long	A1	4.9	2.4	None.
892	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	6	2	200	200	150	150		354	550	Poor	Fair	Medium	4. Remove	Z4	4.2	2.6	Located adjacent to fence. In advanced stages of decline.
893	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	5	2	200	180				269	500	Good	Fair	Medium	2. Medium	A1	3.2	2.5	Located within corridor. DBH estimated.
894	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	90	80	100			157	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located adjacent to fence.
895	Lemon Scented Tea Tree	*Leptospermum petersonii*	Dead	6	2	150	150	150			260	400	Dead	Poor	Medium	4. Remove	Z4	3.1	2.3	Located adjacent to fence. Dead tree.
896	Grey Ironbark	*Eucalyptus paniculata*	Mature	16	5	450					450	480	Good	Good	High	1. Long	A1	5.4	2.4	None.
897	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	200					200	200	Good	Good	Low	5. Small/Young	Z1	2.4	1.7	Located adjacent to fence.
898	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	7	2	180	180	150			295	430	Good	Good	Medium	1. Long	A1	3.5	2.3	Located adjacent to fence.
899	Grey Ironbark	*Eucalyptus paniculata*	Mature	10	4	410					410	440	Good	Good	High	1. Long	A1	4.9	2.3	None.
900	Canary Palm	*Phoenix canariensis*	Mature	10	2	350					350	NA	Good	Good	Medium	1. Long	A1	3.0	NA	Located adjacent to fence.
901	Lemon Scented Tea Tree	*Leptospermum petersonii*	Semi-mature	5	1	180					180	200	Good	Fair	Low	5. Small/Young	Z1	2.2	1.7	Located adjacent to fence.
902	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	6	2	200	150	150	150	150	361	450	Good	Fair	Medium	2. Medium	A1	4.3	2.4	Located adjacent to fence.
903	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	6	3	320					320	350	Good	Good	Medium	2. Medium	A1	3.8	2.1	Located adjacent to fence.
904	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located adjacent to fence. DBH measured at ground.
905	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	90	100	50			144	190	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located adjacent to fence.
906	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	6	2	210					210	270	Good	Good	Medium	2. Medium	A1	2.5	1.9	Located adjacent to fence.
907	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	200					200	200	Good	Good	Low	5. Small/Young	Z1	2.4	1.7	Located adjacent to fence. DBH measured at base.
908	Grey Ironbark	*Eucalyptus paniculata*	Semi-mature	8	3	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	None.
909	Ash 'Raywood'	*Fraxinus raywood*	Mature	9	3	280					280	330	Good	Good	Medium	2. Medium	A1	3.4	2.1	None.
910	Ash 'Raywood'	*Fraxinus raywood*	Semi-mature	6	2	210					210	250	Good	Fair	Medium	2. Medium	A1	2.5	1.8	Suppressed by adjacent trees.
911	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	3	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Canopy extends through fence into corridor.
912	Lilly Pilly	*Syzygium spp*	Semi-mature	8	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Canopy extends through fence into corridor. DBH estimated.
913	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	8	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Canopy extends through fence into corridor. DBH estimated.
914	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	11	4	360					360	440	Good	Good	Medium	1. Long	A1	4.3	2.3	No low branches extending into the corridor.
915	Wattle	*Acacia spp*	Mature	11	2	250					250	300	Good	Fair	Medium	2. Medium	A1	3.0	2.0	Canopy extends through fence into corridor. DBH estimated.

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916	Eucalypt	*Eucalyptus spp*	Mature	9	4	400					400	460	Good	Good	Medium	1. Long	A1	4.8	2.4	Canopy extends through fence into corridor. DBH estimated.
917	Coastal Banksia	*Banksia integrefolia*	Mature	7	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	No low branches extending into corridor.
918	Swamp Oak	*Casuarina glauca*	Mature	16	5	380	380				537	750	Good	Good	High	1. Long	A1	6.4	2.9	Canopy extends into corridor.
919	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	3	100	140	150			228	370	Good	Fair	Medium	2. Medium	A1	2.7	2.2	Located within nature strip. Co-dominant stems.
920	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	180	180				255	360	Good	Good	Medium	1. Long	A1	3.1	2.2	Located within nature strip.
921	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	130	130				184	300	Good	Fair	Low	5. Small/Young	Z1	2.2	2.0	Located within nature strip.
922	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	190					190	240	Good	Good	Low	5. Small/Young	Z1	2.3	1.8	Located within nature strip.
923	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	220					220	300	Good	Good	Medium	1. Long	A1	2.6	2.0	Located within nature strip.
924	Eucalypt	*Eucalyptus spp*	Mature	15	6	550					550	620	Good	Good	High	1. Long	A1	6.6	2.7	Located within nature strip. Pruned for power line clearance.
925	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	10	3	310					310	420	Good	Fair	Medium	2. Medium	Z3	3.7	2.3	Located within nature strip. Pruned for power line clearance.
926	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	9	4	410					410	440	Good	Fair	Medium	2. Medium	Z3	4.9	2.3	Located within nature strip. Pruned for power line clearance.
927	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	180	320				367	460	Good	Fair	Medium	2. Medium	A1	4.4	2.4	Located within nature strip. Pruned for power line clearance.
928	Queensland Brushbox	*Lophostemon confertus*	Mature	5	3	310					310	370	Good	Fair	Medium	2. Medium	A1	3.7	2.2	Located within nature strip. Pruned for power line clearance.
929	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	9	3	270					270	360	Good	Good	Medium	2. Medium	Z3	3.2	2.2	Located within nature strip. Pruned for power line clearance. Exempt species.
930	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	490					490	560	Good	Fair	Medium	2. Medium	A1	5.9	2.6	Located within nature strip. Pruned for power line clearance.
931	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	420					420	480	Good	Good	Medium	2. Medium	A1	5.0	2.4	Located within nature strip. Pruned for power line clearance.
932	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	3	220	220				311	460	Good	Fair	Medium	2. Medium	A1	3.7	2.4	Located within nature strip. Pruned for power line clearance.
933	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	4	200	240	340			462	600	Good	Fair	Medium	2. Medium	A1	5.5	2.7	Located within nature strip. Pruned for power line clearance.
934	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	270					270	380	Good	Fair	Medium	2. Medium	A1	3.2	2.2	Located within nature strip. Pruned for power line clearance.
935	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	280					280	340	Good	Fair	Medium	2. Medium	A1	3.4	2.1	Located within nature strip. Pruned for power line clearance. Canopy extends into corridor.
936	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	300	150				335	420	Good	Fair	Medium	2. Medium	A1	4.0	2.3	Located within nature strip. Pruned for power line clearance.
937	Queensland Brushbox	*Lophostemon confertus*	Mature	5	3	290					290	370	Good	Fair	Medium	2. Medium	A1	3.5	2.2	Located within nature strip. Pruned for power line clearance.
938	Queensland Brushbox	*Lophostemon confertus*	Mature	5	4	390					390	570	Good	Fair	Medium	2. Medium	A1	4.7	2.6	Located within nature strip. Pruned for power line clearance.
939	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	3	300	300				424	480	Good	Fair	Medium	2. Medium	A1	5.1	2.4	Located within nature strip. Pruned for power line clearance.
940	Queensland Brushbox	*Lophostemon confertus*	Mature	5	3	270					270	360	Good	Fair	Medium	2. Medium	A1	3.2	2.2	Located within nature strip. Pruned for power line clearance.
941	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	620					620	750	Good	Fair	Medium	2. Medium	A1	7.4	2.9	Located within nature strip. Pruned for power line clearance.
942	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	480					480	560	Good	Fair	Medium	2. Medium	A1	5.8	2.6	Located within nature strip. Pruned for power line clearance.
943	Queensland Brushbox	*Lophostemon confertus*	Mature	5	4	360					360	480	Good	Fair	Medium	2. Medium	A1	4.3	2.4	Located within nature strip. Pruned for power line clearance.
944	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	530					530	570	Good	Fair	Medium	2. Medium	A1	6.4	2.6	Located within nature strip. Pruned for power line clearance.
945	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	440					440	480	Good	Fair	Medium	2. Medium	A1	5.3	2.4	Located within nature strip. Pruned for power line clearance.
946	Queensland Brushbox	*Lophostemon confertus*	Mature	5	4	470					470	470	Good	Fair	Medium	2. Medium	A1	5.6	2.4	Located within nature strip. Pruned for power line clearance.
947	Queensland Brushbox	*Lophostemon confertus*	Mature	7	4	450					450	570	Good	Fair	Medium	2. Medium	A1	5.4	2.6	Located within nature strip. Pruned for power line clearance.
948	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	460					460	580	Good	Good	Medium	2. Medium	A1	5.5	2.6	Located within nature strip. Pruned for power line clearance.
949	Queensland Brushbox	*Lophostemon confertus*	Mature	7	5	320	300				439	630	Good	Good	Medium	1. Long	A1	5.3	2.7	Located within corridor.
950	Queensland Brushbox	*Lophostemon confertus*	Mature	7	4	360					360	460	Good	Fair	Medium	2. Medium	A1	4.3	2.4	Located within nature strip. Pruned for power line clearance.
951	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	400					400	440	Good	Fair	Medium	2. Medium	A1	4.8	2.3	Located within nature strip. Pruned for power line clearance.
952	Queensland Brushbox	*Lophostemon confertus*	Mature	8	6	650					650	760	Good	Fair	Medium	2. Medium	A1	7.8	2.9	Located within nature strip. Pruned for power line clearance.
953	Queensland Brushbox	*Lophostemon confertus*	Mature	11	7	740					740	890	Good	Fair	Medium	2. Medium	A1	8.9	3.2	Located within nature strip. Pruned for power line clearance.
954	Queensland Brushbox	*Lophostemon confertus*	Mature	5	4	430					430	550	Good	Fair	Medium	2. Medium	A1	5.2	2.6	Located within nature strip. Pruned for power line clearance.
955	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	520					520	600	Good	Fair	Medium	2. Medium	A1	6.2	2.7	Located within nature strip. Pruned for power line clearance.
956	Queensland Brushbox	*Lophostemon confertus*	Young	5	1	110					110	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
957	Queensland Brushbox	*Lophostemon confertus*	Young	5	1	90					90	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
958	Queensland Brushbox	*Lophostemon confertus*	Mature	10	6	610					610	690	Good	Fair	Medium	2. Medium	A1	7.3	2.8	Located within nature strip. Pruned for power line clearance.
959	Queensland Brushbox	*Lophostemon confertus*	Mature	11	6	740					740	800	Good	Fair	Medium	2. Medium	A1	8.9	3.0	Located within nature strip. Pruned for power line clearance.
960	Queensland Brushbox	*Lophostemon confertus*	Mature	7	4	470					470	520	Good	Fair	Medium	2. Medium	A1	5.6	2.5	Located within nature strip. Pruned for power line clearance.
961	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	1	100	100				141	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
962	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within corridor.
963	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	1	150					150	180	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
964	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	120	110	90			186	250	Fair	Fair	Low	5. Small/Young	Z1	2.2	1.8	Located within nature strip. Pruned for power line clearance.
965	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Located within corridor.
966	Plum Fruited Yew	*Afrocarpus falcatus*	Mature	9	6	720					720	780	Good	Good	High	1. Long	A1	8.6	3.0	Canopy extends into corridor.
967	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	4	360					360	410	Fair	Fair	Medium	3. Short	Z4	4.3	2.3	Located within corridor. Low foliage density for species.
968	Chinese Tallo	*Triadica sebifera*	Semi-mature	6	2	110	100				149	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.
969	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Located within corridor. Exempt species. DBH estimated.
970	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	150					150	170	Good	Fair	Low	5. Small/Young	Z3	2.0	1.6	Located within corridor. DBH estimated. Exempt species.
971	Unknown	*Unknown spp*	Mature	9	5	550					550	900	Good	Good	Medium	1. Long	A1	6.6	3.2	Located within corridor. DBH estimated.
972	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	15	6	600	600				849	1200	Good	Good	High	1. Long	A1	10.2	3.6	Located within corridor. DBH estimated.
973	Queensland Brushbox	*Lophostemon confertus*	Mature	15	5	600					600	620	Good	Good	High	1. Long	A1	7.2	2.7	Located within nature strip.
974	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	9	2	230	180				292	350	Good	Fair	Low	2. Medium	Z3	3.5	2.1	Located within corridor. DBH estimated. Exempt species.
975	Queensland Brushbox	*Lophostemon confertus*	Mature	14	7	630	650				905	1050	Good	Good	High	1. Long	A1	10.9	3.4	Located within nature strip. Large branch extends north over existing fence. New fence to be designed around branch.
976	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	1	120	120				170	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. DBH estimated. Exempt species.
977	Camphor Laurel	*Cinnamomum camphora*	Young	5	1	100					100	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated. Exempt species.
978	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	2	210					210	270	Good	Fair	Low	5. Small/Young	Z3	2.5	1.9	Located within corridor. DBH estimated. Exempt species.
979	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	190					190	230	Good	Fair	Low	5. Small/Young	Z3	2.3	1.8	Located within corridor. DBH estimated. Exempt species.
980	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	2	130	100				164	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor. DBH estimated.
981	Peppercorn Tree	*Schinus molle*	Mature	11	5	550					550	600	Good	Good	Medium	1. Long	A1	6.6	2.7	Located within corridor. DBH estimated.
982	Small Leaved Privet	*Ligustrum sinense*	Semi-mature	5	2	200					200	250	Good	Fair	Very Low	5. Small/Young	Z3	2.4	1.8	Located within corridor. DBH estimated. Exempt species.
983	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	200					200	280	Good	Good	Low	5. Small/Young	Z3	2.4	1.9	Located within corridor. DBH estimated. Exempt species.
984	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	3	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Located within corridor. DBH estimated. Canopy extends over fence.
985	Camphor Laurel	*Cinnamomum camphora*	Mature	9	3	350					350	400	Good	Fair	Low	2. Medium	Z3	4.2	2.3	Located within corridor. DBH estimated. Exempt species.
986	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	2	220					220	310	Good	Fair	Low	5. Small/Young	Z3	2.6	2.0	Located within corridor. DBH estimated. Exempt species.
987	Peppercorn Tree	*Schinus molle*	Mature	16	6	800					800	950	Good	Good	Medium	1. Long	A1	9.6	3.2	Located within corridor. DBH estimated.
988	Peppercorn Tree	*Schinus molle*	Mature	9	5	300	500				583	800	Good	Good	Medium	1. Long	A1	7.0	3.0	Located within corridor. DBH estimated.
989	Peppercorn Tree	*Schinus molle*	Mature	13	9	1100					1100	1200	Good	Good	High	1. Long	A1	13.2	3.6	Located within corridor. DBH estimated.
990	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	14	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Located within corridor. DBH estimated.
991	Peppercorn Tree	*Schinus molle*	Mature	7	5	460					460	580	Good	Fair	Medium	2. Medium	A1	5.5	2.6	Located within corridor. DBH estimated. Asymmetric crown shape.
992	Camphor Laurel	*Cinnamomum camphora*	Mature	11	4	260	340				428	550	Good	Fair	Medium	2. Medium	A1	5.1	2.6	Located within corridor. DBH estimated.
993	Camphor Laurel	*Cinnamomum camphora*	Mature	10	3	350					350	400	Fair	Fair	Medium	3. Short	Z4	4.2	2.3	Located within corridor. DBH estimated. Low foliage density for species. In decline.
994	Camphor Laurel	*Cinnamomum camphora*	Mature	11	4	440					440	480	Good	Good	Medium	2. Medium	A1	5.3	2.4	Located within corridor. DBH estimated.
995	Peppercorn Tree	*Schinus molle*	Mature	11	6	450	550				711	1000	Good	Fair	Medium	2. Medium	A1	8.5	3.3	Located within corridor. DBH estimated. Asymmetric crown shape.
996	Yellow Bloodwood	*Corymbia eximia*	Semi-mature	9	2	180					180	220	Good	Good	Medium	2. Medium	A1	2.2	1.8	Located within corridor. DBH estimated.
997	Peppercorn Tree	*Schinus molle*	Mature	9	6	180	600				626	750	Good	Fair	Medium	2. Medium	A1	7.5	2.9	Located within corridor. DBH estimated. Cavity at base, extent of decay is unknown.
998	Peppercorn Tree	*Schinus molle*	Mature	10	5	450	450				636	900	Good	Good	Medium	1. Long	A1	7.6	3.2	Located within corridor. DBH estimated.
999	Peppercorn Tree	*Schinus molle*	Dead	6	1	500					500	600	Dead	Poor	Low	4. Remove	Z4	6.0	2.7	Located within corridor. DBH estimated. Dead tree, vine cover up trunk.
1000	Queensland Brushbox	*Lophostemon confertus*	Mature	12	8	950					950	1000	Good	Good	High	1. Long	A1	11.4	3.3	Located within corridor. DBH estimated.
1001	Queensland Brushbox	*Lophostemon confertus*	Mature	12	5	520					520	640	Good	Good	High	1. Long	A1	6.2	2.7	Located within corridor. DBH estimated.
1002	Queensland Brushbox	*Lophostemon confertus*	Mature	12	6	700					700	780	Good	Good	High	1. Long	A1	8.4	3.0	Located within corridor. DBH estimated.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1003	Camphor Laurel	*Cinnamomum camphora*	Mature	6	2	190					190	230	Good	Fair	Low	5. Small/Young	Z3	2.3	1.8	Located within corridor. DBH estimated. Exempt species.
1004	Queensland Brushbox	*Lophostemon confertus*	Mature	12	8	830					830	1000	Good	Good	High	1. Long	A1	10.0	3.3	Located within corridor. DBH estimated.
1005	Illawara Flame	*Brachychiton acerifolius*	Semi-mature	9	2	200	110	100			249	450	Good	Fair	Medium	3. Short	Z10	3.0	2.4	Located within corridor. DBH estimated. Suppressed by adjacent tree.
1006	Queensland Brushbox	*Lophostemon confertus*	Mature	10	6	750					750	920	Good	Good	High	1. Long	A1	9.0	3.2	Located within corridor. DBH estimated.
1007	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	1	110	100				149	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. DBH estimated. Exempt species.
1008	Queensland Brushbox	*Lophostemon confertus*	Mature	13	7	1050					1050	1200	Good	Good	High	1. Long	A1	12.6	3.6	Located within corridor. DBH estimated. Directly adjacent to fence.
1009	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	170					170	190	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. DBH estimated. Directly adjacent to fence.
1010	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	10	3	700					700	750	Fair	Fair	Low	3. Short	Z3	8.4	2.9	Located within nature strip. Exempt species.
1011	Peppercorn Tree	*Schinus molle*	Mature	8	5	500					500	550	Good	Fair	Medium	2. Medium	A1	6.0	2.6	Located within corridor. DBH estimated.
1012	Camphor Laurel	*Cinnamomum camphora*	Mature	14	9	1050					1050	1200	Good	Good	Medium	1. Long	A1	12.6	3.6	Located within nature strip.
1013	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	190					190	210	Fair	Fair	Low	5. Small/Young	Z1	2.3	1.7	Located within corridor. DBH estimated.
1014	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200					200	240	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	Located within corridor. DBH estimated.
1015	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	450					450	520	Good	Good	High	1. Long	A1	5.4	2.5	Located within nature strip.
1016	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	100					100	130	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1017	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated. Trunk lean.
1018	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	110					110	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1019	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	230					230	300	Good	Good	Medium	2. Medium	A1	2.8	2.0	Located within corridor. DBH estimated.
1020	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	12	4	450					450	600	Fair	Fair	Medium	3. Short	Z3	5.4	2.7	Located within nature strip.
1021	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	4	200	500				539	600	Good	Fair	Medium	3. Short	A1	6.5	2.7	Located within corridor. DBH estimated. Co-dominant stems with tight union.
1022	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	10	3	400					400	550	Fair	Fair	Low	3. Short	Z3	4.8	2.6	Located within nature strip. Exempt species. Low foliage density for species with epicormic growth.
1023	Lombardy Poplar	*Populus nigra 'Italica'*	Semi-mature	9	2	290					290	480	Fair	Fair	Low	3. Short	Z3	3.5	2.4	Located within nature strip. Exempt species. Low foliage density for species with epicormic growth.
1024	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	12	4	510					510	600	Fair	Fair	Low	2. Medium	Z3	6.1	2.7	Located within nature strip. Exempt species. Significant epicormic growth.
1025	Queensland Brushbox	*Lophostemon confertus*	Mature	10	4	550					550	640	Good	Good	High	1. Long	A1	6.6	2.7	Located within nature strip.
1026	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	3	200	200				283	380	Good	Good	Low	1. Long	Z3	3.4	2.2	Located within nature strip. Exempt species.
1027	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	350					350	490	Good	Good	Medium	1. Long	A1	4.2	2.5	Located within nature strip.
1028	Lombardy Poplar	*Populus nigra 'Italica'*	Semi-mature	10	2	280					280	350	Fair	Fair	Low	3. Short	Z3	3.4	2.1	Located within nature strip. Exempt species. Low foliage density for species with epicormic growth.
1029	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	3	350					350	350	Good	Fair	Medium	3. Short	A1	4.2	2.1	Located within corridor. DBH estimated.
1030	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	120	120				170	250	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within corridor. DBH estimated.
1031	Queensland Brushbox	*Lophostemon confertus*	Mature	10	4	440					440	520	Good	Good	High	1. Long	A1	5.3	2.5	Located within nature strip.
1032	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	180	110				211	220	Good	Fair	Low	5. Small/Young	Z1	2.5	1.8	Located within corridor. DBH estimated.
1033	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	180	170				248	500	Good	Fair	Medium	3. Short	Z9	3.0	2.5	Located within nature strip. Cavity at base.
1034	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	100	100	200			245	350	Good	Fair	Low	5. Small/Young	Z1	2.9	2.1	Located within corridor. DBH estimated.
1035	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	140					140	160	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1036	Lombardy Poplar	*Populus nigra 'Italica'*	Semi-mature	10	1	260					260	380	Fair	Fair	Low	3. Short	Z3	3.1	2.2	Located within nature strip. Exempt species. Low foliage density for species.
1037	Queensland Brushbox	*Lophostemon confertus*	Mature	11	4	450					450	530	Good	Good	High	1. Long	A1	5.4	2.5	Located within nature strip.
1038	Lombardy Poplar	*Populus nigra 'Italica'*	Dead	9	1	200					200	250	Dead	Poor	Very Low	4. Remove	Z3	2.4	1.8	Located within nature strip. Exempt species. Dead tree.
1039	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	110					110	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1040	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	110					110	140	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.

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1041	Queensland Brushbox	*Lophostemon confertus*	Mature	10	4	400					400	460	Good	Good	High	1. Long	A1	4.8	2.4	Located within nature strip. Adjacent failed tree suspended in crown.
1042	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	10	4	400					400	480	Fair	Fair	Low	3. Short	Z3	4.8	2.4	Located within nature strip. Exempt species. Low foliage density for species with epicormic growth.
1043	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	110					110	140	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1044	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	90	120				150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. DBH estimated. Lean towards fence.
1045	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	220					220	260	Fair	Fair	Medium	3. Short	Z4	2.6	1.9	Located within corridor. DBH estimated. Low foliage density for species.
1046	Plum Fruited Yew	*Afrocarpus falcatus*	Mature	10	6	580					580	620	Good	Good	High	1. Long	A1	7.0	2.7	Located within nature strip.
1047	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	110					110	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1048	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	380					380	440	Good	Good	High	1. Long	A1	4.6	2.3	Located within nature strip.
1049	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	100	50	50	40		129	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor. DBH estimated.
1050	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	11	3	400					400	480	Fair	Fair	Low	3. Short	Z3	4.8	2.4	Located within nature strip. Exempt species. Low foliage density for species in decline.
1051	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	110					110	140	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1052	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	110					110	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1053	Queensland Brushbox	*Lophostemon confertus*	Mature	10	6	700					700	700	Fair	Good	High	2. Medium	A2	8.4	2.8	Located within nature strip. Low foliage density for species.
1054	Lombardy Poplar	*Populus nigra 'Italica'*	Semi-mature	9	2	270					270	310	Fair	Fair	Low	3. Short	Z3	3.2	2.0	Located on nature strip. Exempt species. Low foliage density for species.
1055	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	5	3	300					300	300	Fair	Fair	Low	5. Small/Young	Z1	3.6	2.0	Located within corridor. DBH estimated. Growing through fence.
1056	Swamp Oak	*Casuarina glauca*	Semi-mature	7	1	100	90				135	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor. DBH estimated.
1057	Swamp Oak	*Casuarina glauca*	Semi-mature	9	2	200	90				219	250	Good	Good	Medium	1. Long	A1	2.6	1.8	Located within corridor. DBH estimated.
1058	Swamp Oak	*Casuarina glauca*	Mature	15	4	380					380	450	Good	Fair	Medium	1. Long	A1	4.6	2.4	Located within corridor. DBH estimated. Growing through fence.
1059	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	470					470	550	Good	Good	High	1. Long	A1	5.6	2.6	Located within nature strip.
1060	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	470					470	540	Good	Good	High	1. Long	A1	5.6	2.6	Located on nature strip.
1061	Queensland Brushbox	*Lophostemon confertus*	Mature	12	8	740					740	820	Fair	Fair	High	2. Medium	A2	8.9	3.0	Located within corridor. DBH estimated. Low foliage density for species. Located directly adjacent to fence.
1062	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	9	4	440	280				522	600	Good	Good	Medium	1. Long	A1	6.3	2.7	Located within corridor. DBH estimated.
1063	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	520					520	600	Fair	Good	High	2. Medium	A2	6.2	2.7	Located within nature strip. Low foliage density for species.
1064	Diamond Leaf Pittosporum	*Auranticarpa rhombifolia*	Mature	5	2	300					300	300	Fair	Fair	Medium	2. Medium	A2	3.6	2.0	Located within nature strip. Low foliage density for species. DBH estimated.
1065	Diamond Leaf Pittosporum	*Auranticarpa rhombifolia*	Mature	5	2	250					250	250	Fair	Fair	Medium	2. Medium	A2	3.0	1.8	Located within nature strip. Low foliage density for species. DBH estimated.
1066	Diamond Leaf Pittosporum	*Auranticarpa rhombifolia*	Mature	5	2	150	170	110			252	300	Good	Good	Medium	2. Medium	A1	3.0	2.0	Located within nature strip.
1067	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	9	6	500	400	300			707	1100	Good	Good	High	1. Long	A1	8.5	3.4	Located within corridor. DBH estimated.
1068	Diamond Leaf Pittosporum	*Auranticarpa rhombifolia*	Mature	5	2	170					170	210	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located within nature strip.
1069	Diamond Leaf Pittosporum	*Auranticarpa rhombifolia*	Mature	5	2	200	160				256	330	Good	Good	Medium	2. Medium	A1	3.1	2.1	Located within nature strip.
1070	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	8	4	250					250	300	Fair	Good	Medium	2. Medium	A2	3.0	2.0	Located within nature strip. Low foliage density for species.
1071	Queensland Brushbox	*Lophostemon confertus*	Mature	10	4	660					660	750	Good	Good	High	1. Long	A1	7.9	2.9	Located within nature strip.
1072	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200					200	220	Poor	Fair	Low	4. Remove	Z4	2.4	1.8	Located within corridor. In decline.
1073	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	300					300	300	Good	Fair	Medium	2. Medium	A1	3.6	2.0	Located within corridor. Directly adjacent to toilet block.
1074	Pin Oak	*Quercus palustris*	Mature	16	7	700					700	750	Good	Good	Medium	1. Long	A1	8.4	2.9	Located within corridor. DBH estimated.
1075	Sydney Blue Gum	*Eucalyptus saligna*	Mature	17	7	660					660	750	Good	Good	High	1. Long	A1	7.9	2.9	Located within nature strip.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1076	Pin Oak	*Quercus palustris*	Mature	15	6	650					650	700	Good	Good	Medium	1. Long	A1	7.8	2.8	Located within corridor. DBH estimated.
1077	Sydney Blue Gum	*Eucalyptus saligna*	Mature	21	10	850					850	1050	Good	Good	Very High	1. Long	A1	10.2	3.4	Located within nature strip. In contact with fence.
1078	Pin Oak	*Quercus palustris*	Mature	11	5	500					500	550	Good	Good	Medium	1. Long	A1	6.0	2.6	Located within corridor. DBH estimated.
1079	Peppercorn Tree	*Schinus molle*	Mature	9	5	450					450	500	Good	Fair	Medium	2. Medium	A1	5.4	2.5	Located within corridor. DBH estimated.
1080	Sydney Blue Gum	*Eucalyptus saligna*	Mature	20	9	850					850	950	Fair	Fair	Very High	2. Medium	A2	10.2	3.2	Located within nature strip. Low foliage density for species. Co-dominant stems with tight union.
1081	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	2	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1082	Pin Oak	*Quercus palustris*	Mature	15	5	500					500	550	Good	Good	Medium	1. Long	A1	6.0	2.6	Located within corridor. DBH estimated.
1083	Peppercorn Tree	*Schinus molle*	Mature	7	3	280					280	330	Good	Good	Medium	1. Long	A1	3.4	2.1	Located within corridor. DBH estimated.
1084	Pin Oak	*Quercus palustris*	Mature	15	6	600					600	650	Good	Good	High	1. Long	A1	7.2	2.8	Located within corridor. DBH estimated.
1085	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	9	2	200					200	240	Good	Fair	Low	2. Medium	Z3	2.4	1.8	Located within corridor. DBH estimated. Exempt species.
1086	Peppercorn Tree	*Schinus molle*	Mature	12	6	600					600	750	Good	Good	Medium	1. Long	A1	7.2	2.9	Located within corridor. DBH estimated.
1087	Swamp Mahogany	*Eucalyptus robusta*	Young	5	1	200	150				250	300	Fair	Fair	Low	3. Short	Z9	3.0	2.0	Located within nature strip. Tree has been topped at 3m.
1088	Sweet Pittosporum	*Pittosporum undulatum*	Mature	9	3	300					300	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Located within corridor. DBH estimated.
1089	Pin Oak	*Quercus palustris*	Mature	16	7	440	440				622	900	Good	Good	Medium	1. Long	A1	7.5	3.2	Located within corridor. DBH estimated.
1090	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	10	2	170					170	210	Good	Good	Medium	1. Long	A1	2.0	1.7	Located within corridor. DBH estimated.
1091	Pin Oak	*Quercus palustris*	Mature	9	5	500					500	580	Fair	Fair	Medium	3. Short	Z4	6.0	2.6	Located within corridor. DBH estimated. Early stages of decline.
1092	Sydney Blue Gum	*Eucalyptus saligna*	Mature	22	9	870					870	1000	Good	Good	Very High	1. Long	A1	10.4	3.3	Located within nature strip.
1093	Pin Oak	*Quercus palustris*	Mature	5	2	300					300	380	Fair	Poor	Low	4. Remove	Z5	3.6	2.2	Located within corridor. DBH estimated. Failure of central leader.
1094	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	7	2	110	110				156	400	Good	Fair	Low	3. Short	Z9	2.0	2.3	Located within corridor. DBH estimated. Regrowth from stump.
1095	Sydney Blue Gum	*Eucalyptus saligna*	Mature	21	7	710					710	860	Good	Fair	Very High	3. Short	Z9	8.5	3.1	Located within nature strip. Large previous branch failure and significant cambium damage on North side of trunk.
1096	Smooth Barked Apple	*Angophora costata*	Semi-mature	10	3	270					270	330	Good	Good	Medium	1. Long	A1	3.2	2.1	Located within corridor. DBH estimated.
1097	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	13	3	240					240	280	Good	Good	Medium	1. Long	A1	2.9	1.9	Located within corridor. DBH estimated.
1098	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	5	2	190					190	250	Good	Good	Low	5. Small/Young	Z1	2.3	1.8	Located within nature strip. Canopy extends over fence.
1099	Smooth Barked Apple	*Angophora costata*	Semi-mature	8	1	150					150	180	Poor	Fair	Medium	4. Remove	Z4	2.0	1.6	Located within corridor. DBH estimated. Dieback of central leader.
1100	Smooth Barked Apple	*Angophora costata*	Mature	9	3	220	200	110	110		336	500	Fair	Fair	Medium	2. Medium	A2	4.0	2.5	Located within corridor. DBH estimated. Multi stem tree with dieback of South stems.
1101	Smooth Barked Apple	*Angophora costata*	Young	6	2	110					110	140	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1102	Smooth Barked Apple	*Angophora costata*	Young	5	1	100					100	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1103	Smooth Barked Apple	*Angophora costata*	Young	8	1	120					120	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor. DBH estimated.
1104	Umbrella	*Schefflera actinophylla*	Young	5	1	100	100				141	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. DBH estimated. Exempt species.
1105	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. DBH estimated. Exempt species.
1106	Eucalypt	*Eucalyptus spp*	Young	5	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
1107	Smooth Barked Apple	*Angophora costata*	Young	5	1	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1108	Smooth Barked Apple	*Angophora costata*	Semi-mature	9	2	180					180	220	Good	Fair	Medium	2. Medium	A1	2.2	1.8	Located within corridor. DBH estimated. Asymmetric crown shape.
1109	Smooth Barked Apple	*Angophora costata*	Semi-mature	12	2	220					220	240	Good	Good	Medium	2. Medium	A1	2.6	1.8	Located within corridor. DBH estimated.
1110	Smooth Barked Apple	*Angophora costata*	Young	5	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.
1111	Smooth Barked Apple	*Angophora costata*	Young	5	2	120					120	160	Good	Good	Low	1. Long	Z1	2.0	1.5	Located within corridor. DBH estimated.
1112	Sydney Blue Gum	*Eucalyptus saligna*	Mature	16	6	520					520	730	Good	Good	High	1. Long	A1	6.2	2.9	Located within nature strip.
1113	Queensland Brushbox	*Lophostemon confertus*	Mature	13	5	500	400				640	900	Good	Good	High	1. Long	A1	7.7	3.2	Located within corridor. DBH estimated.
1114	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	17	3	220					220	260	Good	Good	Medium	1. Long	A1	2.6	1.9	Located within corridor. DBH estimated.
1115	Sydney Blue Gum	*Eucalyptus saligna*	Mature	18	7	650					650	800	Good	Good	Very High	1. Long	A1	7.8	3.0	Located within nature strip.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1116	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	200	220	150	150		365	580	Good	Good	Medium	1. Long	A1	4.4	2.6	Located within corridor.
1117	Eucalypt	*Eucalyptus spp*	Young	7	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
1118	Eucalypt	*Eucalyptus spp*	Semi-mature	10	2	150					150	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within nature strip m
1119	Queensland Brushbox	*Lophostemon confertus*	Mature	9	6	550					550	650	Good	Good	High	1. Long	A1	6.6	2.8	Located within corridor.
1120	Eucalypt	*Eucalyptus spp*	Semi-mature	7	2	180					180	220	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within nature strip.
1121	Swamp Mahogany	*Eucalyptus robusta*	Mature	6	4	260	200				328	400	Good	Fair	Medium	2. Medium	A1	3.9	2.3	Located within nature strip.
1122	Kurrajong	*Brachychiton populneus*	Mature	6	2	360					360	430	Good	Good	Medium	1. Long	A1	4.3	2.3	Located within corridor.
1123	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	8	2	250					250	380	Fair	Fair	Low	3. Short	Z3	3.0	2.2	Located within nature strip. Exempt species. Low foliage density for species.
1124	Grey Gum	*Eucalyptus punctata*	Semi-mature	8	2	150					150	200	Good	Good	Medium	1. Long	A1	2.0	1.7	Located within nature strip.
1125	Eucalypt	*Eucalyptus spp*	Semi-mature	6	1	100					100	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Located within nature strip.
1126	Sydney Blue Gum	*Eucalyptus saligna*	Mature	16	6	360	340				495	750	Good	Good	High	1. Long	A1	5.9	2.9	Located within corridor.
1127	Common Oak	*Quercus robur*	Mature	6	2	370					370	440	Good	Good	Medium	2. Medium	A1	4.4	2.3	Located within nature strip.
1128	Sydney Blue Gum	*Eucalyptus saligna*	Mature	20	9	880					880	960	Good	Fair	Very High	2. Medium	A2	10.6	3.3	Located within nature strip. Previous branch failures. Large diameter deadwood. Cambium wounds.
1129	Sydney Blue Gum	*Eucalyptus saligna*	Mature	9	3	300					300	450	Poor	Fair	Medium	4. Remove	Z4	3.6	2.4	Located within nature strip. In decline.
1130	Lombardy Poplar	*Populus nigra 'Italica'*	Semi-mature	5	1	300					300	300	Fair	Fair	Low	2. Medium	Z3	3.6	2.0	Located within nature strip. Exempt species.
1131	Sydney Blue Gum	*Eucalyptus saligna*	Mature	8	4	200	200	220			358	600	Good	Fair	Medium	2. Medium	A1	4.3	2.7	Located within nature strip.
1132	Lombardy Poplar	*Populus nigra 'Italica'*	Semi-mature	10	2	290					290	320	Fair	Fair	Low	3. Short	Z3	3.5	2.1	Located within nature strip. Exempt species. Low foliage density for species.
1133	Sydney Blue Gum	*Eucalyptus saligna*	Mature	16	6	540					540	650	Good	Fair	High	2. Medium	A3	6.5	2.8	Located within nature strip. Large trunk wound with cavity, possible ecological significance.
1134	Grey Gum	*Eucalyptus punctata*	Mature	25	10	1100					1100	1300	Good	Good	Very High	1. Long	A1	13.2	3.7	Located within nature strip.
1135	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	19	2	500					500	650	Fair	Fair	Low	3. Short	Z3	6.0	2.8	Located within nature strip. Exempt species.
1136	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	9	3	300					300	350	Fair	Fair	Low	3. Short	Z3	3.6	2.1	Located within nature strip. Exempt species.
1137	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	8	2	300					300	380	Fair	Poor	Low	4. Remove	Z3	3.6	2.2	Located within nature strip. Exempt species. Failure of central leader.
1138	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	10	1	300					300	400	Fair	Fair	Low	3. Short	Z3	3.6	2.3	Located within nature strip. Exempt species.
1139	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	7	2	300					300	480	Fair	Poor	Low	4. Remove	Z3	3.6	2.4	Located within nature strip. Exempt species. Failure of central leader.
1140	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	8	2	280					280	490	Fair	Poor	Low	4. Remove	Z3	3.4	2.5	Located within nature strip. Exempt species. Failure of central leader.
1141	Grey Gum	*Eucalyptus punctata*	Semi-mature	7	2	170					170	230	Good	Good	Medium	1. Long	A1	2.0	1.8	Located within nature strip.
1142	Grey Gum	*Eucalyptus punctata*	Semi-mature	10	2	230					230	300	Good	Good	Medium	1. Long	A1	2.8	2.0	Located within nature strip.
1143	Lombardy Poplar	*Populus nigra 'Italica'*	Semi-mature	7	1	190					190	250	Poor	Fair	Low	4. Remove	Z4	2.3	1.8	Located within nature strip. Exempt species. In decline. Bee hive at base.
1144	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	9	2	210	190				283	600	Fair	Fair	Low	3. Short	Z3	3.4	2.7	Located within nature strip. Exempt species.
1145	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	5	1	200					200	200	Good	Poor	Low	4. Remove	Z5	2.4	1.7	Located within nature strip. Exempt species. Topped at 500mm.
1146	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	5	1	300					300	300	Fair	Poor	Low	4. Remove	Z5	3.6	2.0	Located within nature strip. Exempt species. Topped at 2m.
1147	Grey Gum	*Eucalyptus punctata*	Semi-mature	9	2	200					200	270	Good	Good	Medium	1. Long	A1	2.4	1.9	Located within nature strip.
1148	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	11	4	400	200	200			490	700	Fair	Fair	Low	3. Short	Z3	5.9	2.8	Located within nature strip. Exempt species. Cavity in trunk. In decline.
1149	Grey Gum	*Eucalyptus punctata*	Semi-mature	8	2	180					180	220	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within nature strip.
1150	Grey Gum	*Eucalyptus punctata*	Semi-mature	9	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within nature strip.
1151	Grey Gum	*Eucalyptus punctata*	Semi-mature	13	3	250					250	320	Good	Good	Medium	1. Long	A1	3.0	2.1	Located within nature strip.
1152	Black Peppermint	*Eucalyptus nicholii*	Mature	6	4	600					600	650	Good	Fair	Medium	2. Medium	Z3	7.2	2.8	Located within nature strip. Exempt species.
1153	Chinese Tallo	*Triadica sebifera*	Semi-mature	6	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Located within corridor.

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1154	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	6	1	400					400	400	Fair	Poor	Low	4. Remove	Z5	4.8	2.3	Located within corridor. Exempt species. Topped.
1155	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	5	1	400					400	400	Fair	Poor	Low	4. Remove	Z5	4.8	2.3	Located within corridor. Exempt species. Topped.
1156	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	5	1	400					400	400	Fair	Poor	Low	4. Remove	Z5	4.8	2.3	Located within corridor. Exempt species. Topped.
1157	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	5	1	350					350	350	Fair	Poor	Low	4. Remove	Z5	4.2	2.1	Located within corridor. Exempt species. Topped.
1158	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	6	1	450					450	600	Fair	Poor	Low	4. Remove	Z5	5.4	2.7	Located within corridor. Exempt species. Topped.
1159	Lombardy Poplar	*Populus nigra 'Italica'*	Young	6	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Exempt species.
1160	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	7	2	400	400				566	800	Fair	Poor	Low	4. Remove	Z5	6.8	3.0	Located within corridor. Exempt species. Topped.
1161	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	2	140					140	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
1162	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	6	1	400					400	400	Good	Poor	Low	4. Remove	Z5	4.8	2.3	Located within corridor. Exempt species. Topped.
1163	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	7	1	400					400	400	Good	Poor	Low	4. Remove	Z5	4.8	2.3	Located within corridor. Exempt species. Topped.
1164	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	6	1	300					300	300	Good	Poor	Low	4. Remove	Z5	3.6	2.0	Located within corridor. Exempt species. Topped.
1165	Tallowood	*Eucalyptus microcorys*	Mature	21	6	620					620	790	Good	Good	High	1. Long	A1	7.4	3.0	None.
1166	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1167	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	130					130	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1168	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	140					140	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Canopy extends into corridor.
1169	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Poorly pruned.
1170	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	110	80				136	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
1171	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1172	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	120					120	240	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Canopy extends into corridor.
1173	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	130	130				184	240	Good	Good	Low	5. Small/Young	Z1	2.2	1.8	None.
1174	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	140					140	200	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.7	Low foliage density for species.
1175	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	200					200	220	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	Canopy extends into corridor.
1176	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	140					140	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1177	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	180					180	200	Good	Fair	Low	5. Small/Young	Z1	2.2	1.7	Canopy extends into corridor.
1178	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	220					220	250	Good	Fair	Medium	3. Short	Z9	2.6	1.8	Canopy extends into corridor. Significant trunk lean.
1179	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	3	150	150	200			292	500	Fair	Fair	Low	3. Short	Z9	3.5	2.5	Multi stem tree with central cavity at base. Canopy extends into corridor.
1180	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1181	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	250	200	160			358	400	Good	Good	Medium	1. Long	A1	4.3	2.3	Canopy extends into corridor.
1182	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Canopy extends into corridor. Suppressed by adjacent tree.
1183	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	130					130	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Asymmetric crown shape.
1184	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	150					150	170	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
1185	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	140					140	170	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1186	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	150	120				192	200	Good	Fair	Low	5. Small/Young	Z1	2.3	1.7	Canopy extends into corridor.
1187	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	90	50				103	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1188	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	1	140					140	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.
1189	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	250					250	270	Good	Good	Medium	2. Medium	A1	3.0	1.9	Canopy extends into corridor.
1190	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
1191	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	150	170	170			283	300	Good	Good	Medium	1. Long	A1	3.4	2.0	Canopy extends into corridor.
1192	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	150	80	80			188	210	Good	Good	Low	5. Small/Young	Z1	2.3	1.7	Canopy extends into corridor.
1193	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
1194	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	120					120	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
1195	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Canopy extends into corridor.
1196	Weeping Bottlebrush	*Callistemon viminalis*	Mature	2	2	200	120				233	240	Good	Good	Medium	1. Long	A1	2.8	1.8	None.
1197	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	120	200				233	260	Good	Good	Medium	1. Long	A1	2.8	1.9	Canopy extends into corridor.
1198	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	160					160	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
1199	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	140					140	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1200	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	200					200	220	Good	Good	Medium	2. Medium	A1	2.4	1.8	None.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1201	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	170	100				197	220	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	None.
1202	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	300	300				424	750	Good	Good	High	1. Long	A1	5.1	2.9	Located within corridor. Co-dominant stems at base.
1203	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	170	100				197	250	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	None.
1204	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1205	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	160					160	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
1206	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Suppressed.
1207	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	120	120				170	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Dead tree suspended in crown.
1208	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	80	120				144	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1209	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	160					160	190	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1210	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	110					110	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1211	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	90					90	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1212	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Asymmetric crown shape.
1213	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Trunk lean and asymmetric crown shape.
1214	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	140					140	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Trunk lean.
1215	Camphor Laurel	*Cinnamomum camphora*	Mature	10	3	280					280	300	Good	Fair	Low	2. Medium	Z3	3.4	2.0	Located within corridor. Exempt species.
1216	Queensland Brushbox	*Lophostemon confertus*	Mature	11	6	600					600	650	Good	Good	High	1. Long	A1	7.2	2.8	Located within corridor.
1217	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	2	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1218	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	130					130	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1219	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	190					190	220	Good	Fair	Low	5. Small/Young	Z1	2.3	1.8	Trunk lean.
1220	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	1	110					110	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Trunk lean.
1221	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	110	90				142	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1222	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Trunk lean.
1223	Camphor Laurel	*Cinnamomum camphora*	Mature	9	4	300	200				361	500	Good	Fair	Low	2. Medium	Z3	4.3	2.5	Located within corridor. Exempt species.
1224	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1225	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	140					140	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1226	Camphor Laurel	*Cinnamomum camphora*	Mature	12	4	250	250	150	350		520	1200	Good	Fair	Medium	2. Medium	A1	6.2	3.6	Located within corridor. Multi stem.
1227	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	6	2	80	120				144	150	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
1228	Camphor Laurel	*Cinnamomum camphora*	Mature	12	8	800					800	900	Fair	Fair	Medium	3. Short	Z4	9.6	3.2	Located within corridor. In decline.
1229	Moreton Bay Chestnut	*Castanospermum australe*	Semi-mature	9	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
1230	Grey Ironbark	*Eucalyptus paniculata*	Mature	22	8	700	270				750	1100	Good	Good	Very High	1. Long	A1	9.0	3.4	Located within nature strip.
1231	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Located within corridor. Exempt species.
1232	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	250					250	250	Good	Fair	Low	5. Small/Young	Z3	3.0	1.8	Located within corridor. Exempt species.
1233	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	120	120				170	250	Good	Fair	Low	5. Small/Young	Z3	2.0	1.8	Located within corridor. Exempt species.
1234	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
1235	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	2	150	120				192	300	Good	Fair	Low	5. Small/Young	Z3	2.3	2.0	Located within corridor. Exempt species.
1236	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	350					350	350	Good	Fair	Low	5. Small/Young	Z3	4.2	2.1	Located within corridor. Exempt species.
1237	Tallowood	*Eucalyptus microcorys*	Mature	13	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
1238	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	550					550	600	Good	Good	High	1. Long	A1	6.6	2.7	Located within corridor.
1239	Tallowood	*Eucalyptus microcorys*	Mature	20	7	650					650	790	Good	Good	High	1. Long	A1	7.8	3.0	Located within nature strip.
1240	Queensland Brushbox	*Lophostemon confertus*	Mature	12	4	200	200				283	450	Good	Good	Medium	1. Long	A1	3.4	2.4	Located within corridor.
1241	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	400					400	450	Good	Good	Medium	1. Long	A1	4.8	2.4	Located within corridor.
1242	Tallowood	*Eucalyptus microcorys*	Mature	20	4	380					380	480	Good	Good	High	1. Long	A1	4.6	2.4	Located within nature strip.
1243	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	200					200	260	Good	Good	Medium	1. Long	A1	2.4	1.9	Located within corridor.
1244	Tallowood	*Eucalyptus microcorys*	Mature	20	8	680					680	800	Good	Good	Very High	1. Long	A1	8.2	3.0	Located within nature strip.
1245	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Located within corridor.
1246	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	150					150	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
1247	Tallowood	*Eucalyptus microcorys*	Mature	20	4	410					410	480	Good	Good	High	1. Long	A1	4.9	2.4	Located within nature strip.
1248	Tallowood	*Eucalyptus microcorys*	Mature	18	7	660					660	800	Good	Good	High	1. Long	A1	7.9	3.0	Located within nature strip. Branch growing through fence.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1249	Tallowood	*Eucalyptus microcorys*	Mature	15	4	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	Located within nature strip.
1250	Tallowood	*Eucalyptus microcorys*	Young	6	2	110					110	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
1251	Tallowood	*Eucalyptus microcorys*	Mature	20	8	400	250	180			505	900	Good	Good	High	1. Long	A1	6.1	3.2	Located within nature strip. Canopy extends into corridor.
1252	Tallowood	*Eucalyptus microcorys*	Mature	20	7	640					640	800	Good	Good	Very High	1. Long	A1	7.7	3.0	Located within nature strip. Canopy extends into corridor.
1253	Narrow Leaved Ironbark	*Eucalyptus creba*	Mature	18	5	390					390	450	Good	Good	High	1. Long	A1	4.7	2.4	Located within nature strip. Canopy extends into corridor.
1254	Tallowood	*Eucalyptus microcorys*	Mature	15	4	390					390	440	Good	Fair	Medium	3. Short	Z9	4.7	2.3	Located within nature strip. Trunk lean. Co-dominant stems with bark inclusion.
1255	Tallowood	*Eucalyptus microcorys*	Mature	18	5	300	200				361	500	Good	Good	High	1. Long	A1	4.3	2.5	Located within corridor.
1256	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	3	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	Located within corridor.
1257	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	220					220	260	Good	Good	Medium	1. Long	A1	2.6	1.9	Located within corridor.
1258	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	3	250					250	300	Fair	Fair	Medium	3. Short	Z4	3.0	2.0	Located within corridor. Apical dieback, in decline.
1259	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	3	200	150	100	100		287	450	Good	Fair	Medium	3. Short	Z9	3.4	2.4	Located within corridor. Regrowth from stump.
1260	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	370					370	440	Fair	Fair	Medium	3. Short	Z4	4.4	2.3	Located within corridor. Low foliage density for species.
1261	Swamp Mahogany	*Eucalyptus robusta*	Mature	10	5	650					650	700	Good	Fair	High	3. Short	Z9	7.8	2.8	Located within corridor. Central cavity on trunk, extent of decay is unknown.
1262	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	3	1	200					200	220	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	Located within corridor.
1263	Tallowood	*Eucalyptus microcorys*	Mature	12	5	310					310	450	Good	Good	High	1. Long	A1	3.7	2.4	Located within nature strip.
1264	Tallowood	*Eucalyptus microcorys*	Mature	14	5	500					500	600	Good	Good	High	1. Long	A1	6.0	2.7	Located within nature strip.
1265	Tallowood	*Eucalyptus microcorys*	Mature	14	5	470					470	560	Good	Good	High	1. Long	A1	5.6	2.6	Located within nature strip.
1266	Tallowood	*Eucalyptus microcorys*	Mature	17	6	560					560	660	Good	Good	High	1. Long	A1	6.7	2.8	Located within nature strip.
1267	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	8	2	230					230	300	Fair	Fair	Medium	3. Short	Z4	2.8	2.0	Located within nature strip. Low foliage density for species. In decline.
1268	Tallowood	*Eucalyptus microcorys*	Mature	12	5	450					450	510	Good	Good	High	1. Long	A1	5.4	2.5	Located within nature strip.
1269	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	4	1	150	150				212	250	Good	Fair	Low	5. Small/Young	Z1	2.5	1.8	Located within nature strip.
1270	Tallowood	*Eucalyptus microcorys*	Mature	15	4	280					280	340	Good	Good	High	1. Long	A1	3.4	2.1	Located within corridor directly adjacent to fence.
1271	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
1272	Tallowood	*Eucalyptus microcorys*	Mature	15	4	380					380	490	Good	Good	High	1. Long	A1	4.6	2.5	Located within nature strip.
1273	Tallowood	*Eucalyptus microcorys*	Mature	17	6	590					590	720	Good	Good	High	1. Long	A1	7.1	2.9	Located within nature strip.
1274	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	160	160				226	350	Good	Fair	Medium	2. Medium	A1	2.7	2.1	Located within corridor.
1275	Tallowood	*Eucalyptus microcorys*	Mature	15	5	460					460	580	Good	Good	High	1. Long	A1	5.5	2.6	Located within nature strip. Canopy extends into corridor.
1276	Tallowood	*Eucalyptus microcorys*	Mature	17	8	740					740	890	Good	Good	High	1. Long	A1	8.9	3.2	Located within nature strip. Canopy extends into corridor.
1277	Tallowood	*Eucalyptus microcorys*	Young	5	2	140					140	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. Directly adjacent to fence.
1278	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	120					120	190	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
1279	Eucalypt	*Eucalyptus spp*	Mature	19	9	600	600				849	1200	Good	Fair	Very High	1. Long	A1	10.2	3.6	Large diameter deadwood.
1280	Tallowood	*Eucalyptus microcorys*	Mature	17	6	510	250				568	650	Good	Good	High	1. Long	A1	6.8	2.8	Located within nature strip.
1281	Tallowood	*Eucalyptus microcorys*	Mature	16	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Located within corridor.
1282	Tallowood	*Eucalyptus microcorys*	Mature	18	6	590					590	650	Good	Good	High	1. Long	A1	7.1	2.8	Located within nature strip.
1283	Tallowood	*Eucalyptus microcorys*	Semi-mature	16	3	300					300	400	Good	Good	Medium	1. Long	A1	3.6	2.3	Located within corridor.
1284	Tallowood	*Eucalyptus microcorys*	Mature	19	7	440	330				550	810	Good	Good	High	1. Long	A1	6.6	3.0	Located within nature strip.
1285	Tallowood	*Eucalyptus microcorys*	Mature	18	3	340					340	430	Good	Good	High	1. Long	A1	4.1	2.3	Located within corridor.
1286	Tallowood	*Eucalyptus microcorys*	Mature	19	6	590					590	720	Good	Good	High	1. Long	A1	7.1	2.9	Located within nature strip.
1287	Tallowood	*Eucalyptus microcorys*	Mature	17	4	350					350	420	Good	Good	High	1. Long	A1	4.2	2.3	Located within corridor.
1288	Tallowood	*Eucalyptus microcorys*	Mature	21	6	540					540	690	Good	Good	High	1. Long	A1	6.5	2.8	Located within nature strip.
1289	Tallowood	*Eucalyptus microcorys*	Mature	15	3	300					300	400	Good	Good	Medium	1. Long	A1	3.6	2.3	Located within corridor.
1290	Tallowood	*Eucalyptus microcorys*	Mature	20	8	720					720	840	Good	Good	High	1. Long	A1	8.6	3.1	Large diameter deadwood.
1291	Tallowood	*Eucalyptus microcorys*	Mature	17	3	300					300	390	Good	Good	Medium	1. Long	A1	3.6	2.2	Located within corridor.
1292	Tallowood	*Eucalyptus microcorys*	Semi-mature	7	2	160					160	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within corridor.
1293	Tallowood	*Eucalyptus microcorys*	Mature	18	5	450					450	520	Good	Good	High	1. Long	A1	5.4	2.5	Located within corridor.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1294	Tallowood	*Eucalyptus microcorys*	Mature	20	5	520					520	550	Good	Good	High	1. Long	A1	6.2	2.6	Located within nature strip.
1295	Tallowood	*Eucalyptus microcorys*	Mature	19	3	280					280	360	Good	Good	Medium	1. Long	A1	3.4	2.2	Located within corridor.
1296	Tallowood	*Eucalyptus microcorys*	Semi-mature	18	2	240					240	280	Good	Fair	Medium	3. Short	Z9	2.9	1.9	Previous branch failure at 10m.
1297	Tallowood	*Eucalyptus microcorys*	Mature	19	4	390					390	450	Good	Good	High	1. Long	A1	4.7	2.4	Located within corridor.
1298	Tallowood	*Eucalyptus microcorys*	Mature	12	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
1299	Tallowood	*Eucalyptus microcorys*	Mature	19	5	480					480	560	Good	Good	High	1. Long	A1	5.8	2.6	Located within corridor.
1300	Tallowood	*Eucalyptus microcorys*	Mature	18	5	840					840	990	Good	Fair	High	2. Medium	A1	10.1	3.3	Located within nature strip. Cambium damage to south side of trunk near base of tree. Co-dominant stems with tight union.
1301	Tallowood	*Eucalyptus microcorys*	Mature	20	6	560					560	620	Good	Good	High	1. Long	A1	6.7	2.7	Located within nature strip.
1302	Tallowood	*Eucalyptus microcorys*	Mature	16	3	300					300	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Located within corridor.
1303	Umbrella	*Schefflera actinophylla*	Semi-mature	5	2	200					200	200	Fair	Poor	Low	4. Remove	Z3	2.4	1.7	Located within nature strip. Multi stem with partial failure of stems.
1304	Tallowood	*Eucalyptus microcorys*	Semi-mature	14	3	250					250	300	Good	Good	Medium	1. Long	A1	3.0	2.0	Located within corridor.
1305	Blue Jacaranda	*Jacaranda mimosifolia*	Young	5	2	130					130	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip. Low foliage density for species. Poor form.
1306	Tallowood	*Eucalyptus microcorys*	Mature	15	6	560					560	700	Good	Good	High	1. Long	A1	6.7	2.8	Located within nature strip.
1307	Tallowood	*Eucalyptus microcorys*	Mature	16	3	300					300	370	Good	Good	High	1. Long	A1	3.6	2.2	Located within corridor.
1308	Tallowood	*Eucalyptus microcorys*	Mature	18	7	720					720	840	Good	Good	High	1. Long	A1	8.6	3.1	Located within nature strip.
1309	Tallowood	*Eucalyptus microcorys*	Mature	18	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Located within corridor. DBH estimated.
1310	Unknown	*Unknown spp*	Semi-mature	7	2	160					160	200	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor. DBH estimated. Weed species.
1311	Tallowood	*Eucalyptus microcorys*	Mature	22	9	940					940	1100	Good	Good	Very High	1. Long	A1	11.3	3.4	Located within nature strip.
1312	Tallowood	*Eucalyptus microcorys*	Mature	16	4	340					340	400	Good	Good	High	1. Long	A1	4.1	2.3	Located within corridor. DBH estimated.
1313	Unknown	*Unknown spp*	Semi-mature	6	2	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. DBH estimated. Weed species.
1314	Tallowood	*Eucalyptus microcorys*	Mature	16	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Located within corridor. DBH estimated.
1315	Tallowood	*Eucalyptus microcorys*	Mature	22	6	570					570	690	Good	Good	High	1. Long	A1	6.8	2.8	Located within nature strip.
1316	Tallowood	*Eucalyptus microcorys*	Mature	20	6	560					560	650	Good	Good	High	1. Long	A1	6.7	2.8	Located within nature strip.
1317	Tallowood	*Eucalyptus microcorys*	Mature	18	5	500					500	590	Good	Good	High	1. Long	A1	6.0	2.7	Located within nature strip. Large diameter deadwood.
1318	Eucalypt	*Eucalyptus spp*	Mature	12	2	150	170				227	450	Good	Fair	Low	3. Short	Z9	2.7	2.4	Located within corridor. DBH estimated. Regrowth from stump.
1319	Tallowood	*Eucalyptus microcorys*	Mature	12	4	360					360	440	Good	Fair	High	2. Medium	A1	4.3	2.3	Located within nature strip. Mechanical damage to trunk.
1320	Tallowood	*Eucalyptus microcorys*	Mature	16	5	420					420	540	Good	Good	High	1. Long	A1	5.0	2.6	Located within nature strip.
1321	Tallowood	*Eucalyptus microcorys*	Mature	16	5	500					500	600	Good	Good	High	1. Long	A1	6.0	2.7	Minor mechanical damage to south side of trunk.
1322	Indian Coral	*Erythrina x sykesii*	Mature	9	5	600					600	600	Good	Fair	Low	2. Medium	Z3	7.2	2.7	Located directly adjacent to fence. Exempt species.
1323	Tallowood	*Eucalyptus microcorys*	Mature	18	6	570					570	680	Good	Good	High	1. Long	A1	6.8	2.8	Located within nature strip.
1324	Tallowood	*Eucalyptus microcorys*	Mature	18	8	840					840	890	Good	Good	High	1. Long	A1	10.1	3.2	Located within nature strip. Canopy extends into corridor.
1325	Tallowood	*Eucalyptus microcorys*	Mature	17	5	480					480	590	Good	Good	High	1. Long	A1	5.8	2.7	Located within nature strip. Canopy extends into corridor.
1326	Tallowood	*Eucalyptus microcorys*	Semi-mature	14	2	200					200	300	Good	Good	Medium	1. Long	A1	2.4	2.0	Located within corridor. Adjacent to fence.
1327	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	130					130	190	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. Adjacent to fence.
1328	Tallowood	*Eucalyptus microcorys*	Mature	19	6	600					600	680	Good	Good	High	1. Long	A1	7.2	2.8	Located within nature strip. Canopy extends into corridor.
1329	Tallowood	*Eucalyptus microcorys*	Young	9	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Adjacent to fence.
1330	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	200					200	220	Good	Fair	Medium	1. Long	A1	2.4	1.8	Located within corridor. Adjacent to fence.
1331	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Adjacent to fence.
1332	Tallowood	*Eucalyptus microcorys*	Young	7	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Adjacent to fence.
1333	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	180					180	200	Good	Good	Low	5. Small/Young	Z1	2.2	1.7	Located within corridor. Adjacent to fence.
1334	Tallowood	*Eucalyptus microcorys*	Mature	12	3	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	Located within corridor. Adjacent to fence.
1335	Tallowood	*Eucalyptus microcorys*	Mature	19	8	750					750	800	Good	Good	High	1. Long	A1	9.0	3.0	Located within nature strip.
1336	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	500					500	500	Good	Fair	Low	3. Short	Z3	6.0	2.5	Located within corridor. Regrowth from stump.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1337	Common Oak	*Quercus robur*	Semi-mature	8	3	450					450	450	Good	Good	Medium	2. Medium	A1	5.4	2.4	Located within corridor. Multi stem tree.
1338	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	6	2	200					200	200	Fair	Fair	Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. Adjacent to fence. Exempt species.
1339	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	200					200	200	Good	Fair	Very Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. Adjacent to fence. Exempt species.
1340	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	1	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor. Adjacent to fence.
1341	Tallowood	*Eucalyptus microcorys*	Mature	20	10	980					980	1200	Good	Good	Very High	1. Long	A1	11.8	3.6	Located within nature strip.
1342	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	110					110	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Adjacent to fence.
1343	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Semi-mature	5	2	160					160	200	Good	Good	Medium	1. Long	A1	2.0	1.7	Located within corridor. Adjacent to fence.
1344	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	8	4	440					440	500	Good	Good	High	1. Long	A1	5.3	2.5	Located within corridor. Adjacent to fence.
1345	Tallowood	*Eucalyptus microcorys*	Mature	19	6	600					600	700	Good	Good	High	1. Long	A1	7.2	2.8	Located within nature strip. Camphor laurel growing at base.
1346	Turpentine	*Syncarpia glomulifera*	Mature	10	4	450	400				602	940	Good	Fair	High	3. Short	Z9	7.2	3.2	Soil erosion at base of tree with potential to destabilize tree.
1347	Turpentine	*Syncarpia glomulifera*	Mature	9	3	310					310	440	Good	Good	High	1. Long	A1	3.7	2.3	Located within nature strip.
1348	Turpentine	*Syncarpia glomulifera*	Mature	9	4	320	360	350			595	1200	Fair	Fair	High	2. Medium	A2	7.1	3.6	Low foliage density for species.
1349	Tallowood	*Eucalyptus microcorys*	Mature	17	5	500					500	560	Good	Good	High	1. Long	A1	6.0	2.6	Located within nature strip.
1350	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	120					120	170	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. Adjacent to fence.
1351	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	160	140				213	300	Good	Fair	Medium	2. Medium	A1	2.6	2.0	Co-dominant stems.
1352	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	180					180	220	Good	Good	Medium	1. Long	A1	2.2	1.8	None.
1353	Tallowood	*Eucalyptus microcorys*	Young	8	2	110					110	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Adjacent to fence.
1354	Tallowood	*Eucalyptus microcorys*	Mature	12	3	280					280	330	Good	Good	Medium	1. Long	A1	3.4	2.1	Located within corridor. Adjacent to fence.
1355	Tallowood	*Eucalyptus microcorys*	Mature	18	6	630					630	660	Good	Good	High	1. Long	A1	7.6	2.8	None.
1356	Tallowood	*Eucalyptus microcorys*	Mature	16	6	530					530	600	Good	Good	High	1. Long	A1	6.4	2.7	None.
1357	Tallowood	*Eucalyptus microcorys*	Mature	11	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	None.
1358	Tallowood	*Eucalyptus microcorys*	Mature	18	6	550					550	640	Good	Good	High	1. Long	A1	6.6	2.7	None.
1359	Lemon Scented Gum	*Corymbia citriodora*	Semi-mature	12	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
1360	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.
1361	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	110					110	130	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
1362	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
1363	Tallowood	*Eucalyptus microcorys*	Young	7	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
1364	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	3	120	120	110			202	400	Good	Good	Medium	1. Long	A1	2.4	2.3	Located within corridor. Multi stem.
1365	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	220					220	280	Good	Good	High	1. Long	A1	2.6	1.9	Located within corridor.
1366	Tallowood	*Eucalyptus microcorys*	Mature	17	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	None.
1367	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	3	170	80	80			204	350	Good	Good	Medium	1. Long	A1	2.5	2.1	Located within corridor.
1368	Tallowood	*Eucalyptus microcorys*	Mature	18	5	550					550	600	Fair	Fair	High	2. Medium	A2	6.6	2.7	Minor apical dieback.
1369	Smooth Barked Apple	*Angophora costata*	Young	8	1	100					100	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located directly adjacent to fence.
1370	Tallowood	*Eucalyptus microcorys*	Semi-mature	7	2	170					170	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
1371	Tallowood	*Eucalyptus microcorys*	Mature	12	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	None.
1372	Tallowood	*Eucalyptus microcorys*	Mature	12	3	270					270	330	Good	Good	Medium	1. Long	A1	3.2	2.1	None.
1373	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	1	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1374	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1375	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	1	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1376	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	170					170	230	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	None.
1377	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
1378	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1379	Tallowood	*Eucalyptus microcorys*	Mature	17	5	480					480	550	Good	Good	High	1. Long	A1	5.8	2.6	Canopy extends into corridor.
1380	Tallowood	*Eucalyptus microcorys*	Young	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1381	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	1	130					130	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1382	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	190					190	230	Good	Good	Medium	1. Long	A1	2.3	1.8	None.
1383	Hard Leaved Scribbly Gum	*Eucalyptus racemosa*	Mature	11	5	630					630	800	Fair	Good	High	2. Medium	A2	7.6	3.0	Low foliage density for species.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1384	Tallowood	*Eucalyptus microcorys*	Mature	12	4	450					450	500	Good	Good	High	1. Long	A1	5.4	2.5	None.
1385	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	4	1	120	100	100	100		211	450	Good	Fair	Low	5. Small/Young	Z1	2.5	2.4	Located within nature strip directly adjacent to fence.
1386	Hard Leaved Scribbly Gum	*Eucalyptus racemosa*	Mature	13	7	550	550				778	1000	Good	Good	Very High	1. Long	A1	9.3	3.3	Located within corridor.
1387	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within nature strip.
1388	Tallowood	*Eucalyptus microcorys*	Young	7	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1389	Tallowood	*Eucalyptus microcorys*	Mature	12	4	400					400	480	Good	Good	High	1. Long	A1	4.8	2.4	None.
1390	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	3	180					180	220	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within corridor.
1391	Snow In Summer	*Melaleuca linarifolia*	Young	4	1	120					120	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1392	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	5	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located directly adjacent to fence.
1393	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	200					200	200	Good	Fair	Medium	2. Medium	A1	2.4	1.7	Suppressed by adjacent tree.
1394	Tallowood	*Eucalyptus microcorys*	Mature	15	4	380					380	450	Good	Good	High	1. Long	A1	4.6	2.4	Located directly adjacent to fence.
1395	Queensland Brushbox	*Lophostemon confertus*	Mature	7	3	280					280	350	Fair	Fair	Medium	3. Short	Z10	3.4	2.1	Suppressed by adjacent trees. Poor form with a low potential for recovery.
1396	Tallowood	*Eucalyptus microcorys*	Mature	12	4	300	280				410	550	Good	Fair	High	2. Medium	A1	4.9	2.6	Co-dominant stems with tight union.
1397	Tallowood	*Eucalyptus microcorys*	Mature	15	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	None.
1398	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	3	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	None.
1399	Tallowood	*Eucalyptus microcorys*	Semi-mature	15	2	220					220	280	Good	Good	Medium	1. Long	A1	2.6	1.9	None.
1400	Tallowood	*Eucalyptus microcorys*	Mature	12	4	260	200				328	420	Good	Good	High	1. Long	A1	3.9	2.3	None.
1401	Tallowood	*Eucalyptus microcorys*	Mature	18	7	650					650	750	Good	Good	High	1. Long	A1	7.8	2.9	None.
1402	Tallowood	*Eucalyptus microcorys*	Semi-mature	14	2	220					220	260	Good	Good	Medium	1. Long	A1	2.6	1.9	None.
1403	Tallowood	*Eucalyptus microcorys*	Semi-mature	14	2	230					230	290	Good	Good	Medium	1. Long	A1	2.8	2.0	None.
1404	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	110	110	110			191	400	Good	Fair	Medium	1. Long	A1	2.3	2.3	Multi stem tree.
1405	Tallowood	*Eucalyptus microcorys*	Mature	7	2	130					130	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1406	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	3	1	50	100				112	250	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located directly adjacent to fence.
1407	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	3	1	80	50	50	50		118	350	Good	Fair	Low	5. Small/Young	Z1	2.0	2.1	None.
1408	Tallowood	*Eucalyptus microcorys*	Mature	14	3	300					300	380	Good	Good	Medium	1. Long	A1	3.6	2.2	None.
1409	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	160					160	220	Good	Good	Low	5. Small/Young	Z1	2.0	1.8	None.
1410	Tallowood	*Eucalyptus microcorys*	Semi-mature	7	2	160					160	220	Good	Good	Low	5. Small/Young	Z1	2.0	1.8	None.
1411	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	160					160	220	Good	Good	Low	5. Small/Young	Z1	2.0	1.8	None.
1412	Tallowood	*Eucalyptus microcorys*	Young	6	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1413	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	190	110				220	400	Good	Fair	Medium	2. Medium	A1	2.6	2.3	Multi stem.
1414	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	180					180	250	Good	Good	Medium	1. Long	A1	2.2	1.8	None.
1415	Tallowood	*Eucalyptus microcorys*	Semi-mature	7	2	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1416	Tallowood	*Eucalyptus microcorys*	Mature	16	5	520					520	660	Good	Good	High	1. Long	A1	6.2	2.8	Canopy extends into corridor.
1417	Tallowood	*Eucalyptus microcorys*	Semi-mature	7	1	110					110	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1418	Tallowood	*Eucalyptus microcorys*	Mature	8	2	110	100	110			185	400	Good	Fair	Medium	2. Medium	A1	2.2	2.3	Multi stem.
1419	Tasmainian Blue Gum	*Eucalyptus globulus*	Mature	9	6	620					620	750	Good	Good	High	1. Long	A1	7.4	2.9	None.
1420	Turpentine	*Syncarpia glomulifera*	Mature	9	4	300	240				384	550	Good	Good	High	1. Long	A1	4.6	2.6	None.
1421	Tallowood	*Eucalyptus microcorys*	Mature	12	3	290					290	340	Good	Good	Medium	1. Long	A1	3.5	2.1	None.
1422	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	5	1	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Located adjacent to fence.
1423	Thin Leaved Stringy Bark	*Eucalyptus eugenoides*	Semi-mature	10	3	260					260	310	Good	Good	Medium	1. Long	A1	3.1	2.0	None.
1424	Tallowood	*Eucalyptus microcorys*	Mature	19	6	600					600	750	Good	Good	High	1. Long	A1	7.2	2.9	Canopy extends over fence.
1425	Swamp Mahogany	*Eucalyptus robusta*	Mature	17	7	380	640				744	820	Good	Good	High	1. Long	A1	8.9	3.0	None.
1426	Tallowood	*Eucalyptus microcorys*	Mature	21	6	550					550	650	Good	Good	High	1. Long	A1	6.6	2.8	Canopy extends into corridoor.
1427	Tallowood	*Eucalyptus microcorys*	Mature	22	9	800					800	1000	Good	Good	Very High	1. Long	A1	9.6	3.3	Canopy extends into corridor.
1428	Tallowood	*Eucalyptus microcorys*	Mature	20	5	480					480	550	Good	Good	High	1. Long	A1	5.8	2.6	Canopy extends into corridor
1429	Tallowood	*Eucalyptus microcorys*	Mature	20	8	390	380				545	800	Good	Good	High	1. Long	A1	6.5	3.0	Co-dominant stems. Canopy extends into corridor.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1430	Tallowood	*Eucalyptus microcorys*	Mature	18	5	450					450	560	Good	Good	High	1. Long	A1	5.4	2.6	Canopy extends into corridor.
1431	Tallowood	*Eucalyptus microcorys*	Mature	12	5	200	300				361	600	Good	Fair	High	1. Long	A1	4.3	2.7	Located adjacent to fence.
1432	Tasmainian Blue Gum	*Eucalyptus globulus*	Mature	8	6	740					740	950	Good	Poor	High	4. Remove	Z5	8.9	3.2	Multiple cavities within trunk. Low target occupancy, monitor and retain.
1433	Tallowood	*Eucalyptus microcorys*	Mature	18	4	420					420	480	Good	Good	High	1. Long	A1	5.0	2.4	Canopy extends into corridor.
1434	Tallowood	*Eucalyptus microcorys*	Mature	20	5	430					430	550	Good	Good	High	1. Long	A1	5.2	2.6	Canopy extends into corridor.
1771	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Exempt species. DBH estimated at base.
1772	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	380					380	400	Poor	Fair	Low	4. Remove	Z4	4.6	2.3	Advanced stages of decline.
1773	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	300					300	300	Fair	Fair	Low	3. Short	Z4	3.6	2.0	Early stages of decline.
1774	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	180					180	240	Fair	Fair	Low	3. Short	Z4	2.2	1.8	Early stages of decline.
1775	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	100	220				242	280	Fair	Fair	Low	3. Short	Z4	2.9	1.9	Early stages of decline.
1776	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	120					120	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Early stages of decline.
1777	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	1	180					180	220	Good	Good	Medium	2. Medium	A1	2.2	1.8	None.
1778	Sydney Golden Wattle	*Acacia longifolia*	Young	6	1	110					110	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1779	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	140					140	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1780	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	110					110	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1781	Wattle	*Acacia spp*	Semi-mature	5	1	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1782	Broad Leaved Privet	*Ligustrum lucidum*	Mature	5	2	300					300	300	Good	Fair	Very Low	5. Small/Young	Z3	3.6	2.0	Exempt species.
1783	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	None.
1784	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Exempt species.
1785	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	8	1	100	100	100	100		200	350	Good	Fair	Medium	2. Medium	A1	2.4	2.1	Multi stem.
1786	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	8	2	130	130	130			225	100	Good	Fair	Medium	2. Medium	A1	2.7	1.5	Multi stem.
1787	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	350					350	350	Good	Fair	Low	2. Medium	Z3	4.2	2.1	Exempt species. Multi stem tree, DBH estimated at base.
1788	Wattle	*Acacia spp*	Mature	5	2	300					300	350	Good	Fair	Medium	2. Medium	A1	3.6	2.1	None.
1789	Broad Leaved Privet	*Ligustrum lucidum*	Mature	6	2	250					250	250	Good	Fair	Very Low	5. Small/Young	Z3	3.0	1.8	Exempt species.
1790	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	370					370	420	Good	Good	Medium	3. Short	A1	4.4	2.3	Located adjacent to fence.
1791	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	2	170					170	210	Good	Good	Medium	2. Medium	A1	2.0	1.7	None.
1792	Wattle	*Acacia spp*	Dead	6	1	150					150	200	Dead	Poor	Low	4. Remove	Z4	2.0	1.7	Dead tree.
1793	Wattle	*Acacia spp*	Semi-mature	7	1	110					110	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1794	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	160	170				233	300	Good	Fair	Medium	2. Medium	A1	2.8	2.0	None.
1795	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	7	1	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1796	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	170	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1797	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	240					240	260	Good	Good	Medium	2. Medium	A1	2.9	1.9	None.
1798	Queensland Brushbox	*Lophostemon confertus*	Mature	6	2	450					450	450	Good	Poor	Medium	4. Remove	Z5	5.4	2.4	Multi stem tree, DBH estimated at base.
1799	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	120	150	80	70		220	240	Fair	Fair	Low	3. Short	Z4	2.6	1.8	Early stages of decline.
1800	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	6	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	None.
1801	Sydney Golden Wattle	*Acacia longifolia*	Young	6	1	110					110	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1802	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	1	200					200	200	Good	Fair	Medium	3. Short	A1	2.4	1.7	None.
1803	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	300					300	300	Poor	Fair	Low	4. Remove	Z4	3.6	2.0	In advanced stages of decline.
1804	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	1	150					150	180	Good	Fair	Medium	2. Medium	A1	2.0	1.6	None.
1805	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	300					300	300	Good	Fair	Medium	3. Short	A1	3.6	2.0	None.
1806	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1807	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	1	160					160	180	Good	Fair	Medium	2. Medium	A1	2.0	1.6	None.
1808	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	110					110	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1809	Sydney Golden Wattle	*Acacia longifolia*	Young	6	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1810	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	8	1	150					150	180	Fair	Fair	Low	3. Short	Z4	2.0	1.6	In early stages of decline.
1811	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1812	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1813	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	1	210					210	250	Fair	Fair	Medium	2. Medium	A1	2.5	1.8	In advanced stages of decline.
1814	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	7	2	180					180	210	Fair	Fair	Low	3. Short	Z4	2.2	1.7	In decline.
1815	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	80	130				153	200	Fair	Fair	Low	5. Small/Young	Z4	2.0	1.7	In decline.
1816	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	300					300	300	Good	Fair	Low	3. Short	Z3	3.6	2.0	Exempt species.
1817	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	300	Good	Fair	Low	3. Short	Z3	3.6	2.0	Exempt species.
1818	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	2	240					240	260	Fair	Fair	Medium	3. Short	Z4	2.9	1.9	In decline.
1819	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	250					250	250	Good	Fair	Low	3. Short	Z3	3.0	1.8	Exempt species.
1820	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	220	200				297	380	Good	Fair	Medium	2. Medium	A1	3.6	2.2	None.
1821	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	300					300	300	Good	Fair	Low	3. Short	Z3	3.6	2.0	Exempt species.
1822	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	160					160	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1823	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	9	2	170					170	240	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	None.
1824	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1825	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1826	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	1	100	110				149	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Exempt species.
1827	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	200					200	250	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	None.
1828	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	200					200	230	Fair	Fair	Low	3. Short	Z4	2.4	1.8	In decline.
1829	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	2	400					400	400	Good	Fair	Low	5. Small/Young	Z3	4.8	2.3	Exempt species.
1830	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	130					130	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1831	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	110					110	150	Poor	Fair	Low	4. Remove	Z4	2.0	1.5	Advanced stages of decline.
1832	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	200					200	240	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	None.
1833	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1834	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	140					140	230	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	None.
1835	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	230					230	260	Fair	Fair	Medium	3. Short	Z4	2.8	1.9	In decline.
1836	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	9	1	130					130	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1837	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	200					200	260	Good	Good	Medium	2. Medium	A1	2.4	1.9	None.
1838	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	400					400	460	Good	Good	Medium	2. Medium	A1	4.8	2.4	None.
1839	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	160					160	190	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1840	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	100	100	110			179	210	Good	Fair	Low	5. Small/Young	Z1	2.1	1.7	None.
1841	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	2	270	120				295	360	Good	Fair	Medium	2. Medium	A1	3.5	2.2	None.
1842	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	240					240	270	Good	Fair	Medium	2. Medium	A1	2.9	1.9	None.
1843	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	200					200	200	Good	Fair	Low	5. Small/Young	Z3	2.4	1.7	Exempt species.
1844	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	400					400	400	Good	Fair	Low	5. Small/Young	Z3	4.8	2.3	Exempt species. Regrowth from stump.
1845	Camphor Laurel	*Cinnamomum camphora*	Young	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z3	2.4	1.7	Exempt species.
1846	Camphor Laurel	*Cinnamomum camphora*	Young	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z3	2.4	1.7	Exempt species.
1847	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	3	330	300	180			481	500	Good	Fair	Medium	2. Medium	A1	5.8	2.5	None.
1848	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	120	120	100	100	110	247	450	Fair	Fair	Low	3. Short	Z9	3.0	2.4	Regrowth from fallen tree.
1849	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	160					160	190	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1850	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	200					200	250	Good	Fair	Medium	3. Short	A1	2.4	1.8	Asymmetric crown shape.
1851	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	9	2	220					220	260	Good	Fair	Medium	3. Short	Z9	2.6	1.9	Branch failure with hanger.
1852	Sydney Golden Wattle	*Acacia longifolia*	Mature	9	2	240					240	280	Good	Fair	Medium	2. Medium	A1	2.9	1.9	None.
1853	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	200					200	260	Fair	Poor	Medium	4. Remove	Z5	2.4	1.9	Topped.
1854	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	110	90				142	200	Fair	Fair	Low	3. Short	Z4	2.0	1.7	In decline.
1855	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	2	110	180	180			277	440	Fair	Fair	Medium	3. Short	Z4	3.3	2.3	Early stages of decline.
1856	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	140	120	60			194	350	Good	Fair	Low	5. Small/Young	Z1	2.3	2.1	Multi stem.
1857	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	160	Fair	Fair	Low	3. Short	Z4	2.0	1.5	In decline.
1858	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	150	160				219	300	Good	Fair	Medium	2. Medium	A1	2.6	2.0	None.
1859	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	150					150	180	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.6	Low foliage density for species.
1860	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	160					160	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1861	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	200					200	200	Good	Good	Medium	2. Medium	A1	2.4	1.7	None.
1862	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	350					350	400	Fair	Fair	Medium	3. Short	Z4	4.2	2.3	Low foliage density for species. In decline.
1863	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	7	2	200					200	230	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	None.
1864	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	7	2	180					180	200	Good	Fair	Low	5. Small/Young	Z1	2.2	1.7	None.
1865	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	120	120				170	250	Fair	Fair	Low	3. Short	Z4	2.0	1.8	Low foliage density for species, in decline.
1866	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	1	120	110				163	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	None.
G18	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	180					180	220	Good	Fair	Low	5. Small/Young	Z1	2.2	1.8	Group of approximately 46 trees. 100-200mm stem diameter.
1867	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	220					220	250	Good	Fair	Low	5. Small/Young	Z1	2.6	1.8	None.
1868	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	3	280					280	330	Good	Fair	Medium	2. Medium	A1	3.4	2.1	None.
1869	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	140	130	130			231	350	Good	Fair	Low	5. Small/Young	Z1	2.8	2.1	Multi stem tree.
1870	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	2	120	120	120			208	300	Good	Fair	Medium	3. Short	Z10	2.5	2.0	Lopped.
1871	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	1	140					140	170	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1872	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	1	110					110	160	Fair	Fair	Low	3. Short	Z9	2.0	1.5	Trunk lean.
1873	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	1	100	100				141	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1874	Swamp Oak	*Casuarina glauca*	Young	6	1	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1875	Swamp Oak	*Casuarina glauca*	Young	7	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1876	Swamp Oak	*Casuarina glauca*	Young	6	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1877	Swamp Oak	*Casuarina glauca*	Young	6	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1878	Swamp Oak	*Casuarina glauca*	Young	7	1	50	80	80			124	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1879	Swamp Oak	*Casuarina glauca*	Semi-mature	8	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1880	Swamp Oak	*Casuarina glauca*	Semi-mature	8	1	100	100				141	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.
1881	Swamp Oak	*Casuarina glauca*	Semi-mature	8	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1882	Swamp Oak	*Casuarina glauca*	Semi-mature	8	1	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1883	Grey Ironbark	*Eucalyptus paniculata*	Semi-mature	13	2	240					240	300	Good	Good	Medium	1. Long	A1	2.9	2.0	None.
1884	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	210					210	250	Good	Good	Medium	2. Medium	A1	2.5	1.8	None.
1885	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	9	2	140	140				198	300	Good	Fair	Medium	1. Long	A1	2.4	2.0	None.
1886	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	8	2	120	120				170	280	Good	Fair	Medium	2. Medium	A1	2.0	1.9	None.
1887	Eucalypt	*Eucalyptus spp*	Semi-mature	14	2	260					260	310	Good	Good	Medium	1. Long	A1	3.1	2.0	None.
1888	Black She Oak	*Allocasuarina littoralis*	Mature	11	3	290					290	400	Good	Good	Medium	1. Long	A1	3.5	2.3	None.
1889	Grey Gum	*Eucalyptus punctata*	Mature	14	4	370					370	440	Fair	Good	High	2. Medium	A2	4.4	2.3	Low foliage density for species.
1890	Grey Ironbark	*Eucalyptus paniculata*	Semi-mature	10	2	200	200				283	400	Good	Fair	Medium	2. Medium	A1	3.4	2.3	Co-dominant stems.
1891	Snow In Summer	*Melaleuca linarifolia*	Mature	8	2	120	120	200			262	400	Good	Fair	Medium	2. Medium	A1	3.1	2.3	Co-dominant stems.
1892	Grey Ironbark	*Eucalyptus paniculata*	Mature	15	3	320					320	450	Good	Good	High	1. Long	A1	3.8	2.4	None.
1893	Yellow Bloodwood	*Corymbia eximia*	Semi-mature	8	2	210					210	280	Good	Good	Medium	1. Long	A1	2.5	1.9	None.
1894	Forest Red Gum	*Eucalyptus tereticornis*	Mature	20	9	1200					1200	1200	Good	Good	Very High	1. Long	A1	14.4	3.6	Co-dominant stems with relatively good form to unions.
1895	Forest Red Gum	*Eucalyptus tereticornis*	Mature	21	8	250	600				650	800	Good	Good	High	1. Long	A1	7.8	3.0	Co-dominant stems with relatively good form to unions.
1896	Forest Red Gum	*Eucalyptus tereticornis*	Mature	20	6	400	300	200			539	750	Good	Good	High	1. Long	A1	6.5	2.9	Co-dominant stems with relatively good form to unions. DBH estimated.
1897	Bracelet Honey Myrtle	*Melaleuca armillaris*	Mature	8	2	200					200	340	Good	Fair	Medium	2. Medium	A1	2.4	2.1	Branch lopped near fence. DBH estimated.
1898	Spotted Gum	*Corymbia maculata*	Mature	20	5	450					450	600	Good	Good	High	1. Long	A1	5.4	2.7	DBH estimated.
1899	Forest Red Gum	*Eucalyptus tereticornis*	Mature	12	4	450					450	500	Good	Fair	High	2. Medium	A1	5.4	2.5	DBH estimated. Trunk lean. Suppressed.
1900	River She Oak	*Casuarina cunninghamiana*	Mature	18	3	320					320	450	Good	Fair	Medium	2. Medium	A1	3.8	2.4	Lopped for power line clearance.
1901	Spotted Gum	*Corymbia maculata*	Mature	22	3	280					280	350	Good	Good	Medium	1. Long	A1	3.4	2.1	DBH estimated.
1902	Forest Red Gum	*Eucalyptus tereticornis*	Semi-mature	9	2	210					210	290	Good	Fair	Medium	2. Medium	A1	2.5	2.0	DBH estimated. Trunk lean.
1903	Tallowood	*Eucalyptus microcorys*	Mature	16	4	400					400	480	Good	Good	High	1. Long	A1	4.8	2.4	DBH estimated.
1904	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	110					110	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1905	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	120	160				200	230	Fair	Fair	Low	3. Short	Z4	2.4	1.8	In decline.
1906	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	340					340	370	Good	Fair	Medium	3. Short	A1	4.1	2.2	None.
1907	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200	120	110			258	300	Fair	Fair	Medium	3. Short	Z4	3.1	2.0	In decline.
1908	Yellow Bloodwood	*Corymbia eximia*	Mature	7	2	170	170				240	320	Good	Good	Medium	1. Long	A1	2.9	2.1	DBH estimated.
1909	Eucalypt	*Eucalyptus spp*	Mature	12	3	340	210	100	100		424	550	Good	Fair	High	2. Medium	A1	5.1	2.6	DBH estimated.
1910	Spotted Gum	*Corymbia maculata*	Young	5	1	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1911	Sydney Blue Gum	*Eucalyptus saligna*	Young	5	2	150	100	100	50	50	218	300	Good	Fair	Low	5. Small/Young	Z1	2.6	2.0	None.
1912	Sydney Blue Gum	*Eucalyptus saligna*	Mature	11	5	400					400	450	Good	Fair	High	3. Short	Z10	4.8	2.4	Topped for power line clearance. DBH estimated.
1913	Sydney Blue Gum	*Eucalyptus saligna*	Young	3	1	150					150	180	Fair	Poor	Low	4. Remove	Z5	2.0	1.6	Topped for power line clearance. DBH estimated.
1914	Sydney Blue Gum	*Eucalyptus saligna*	Mature	25	6	550					550	650	Good	Fair	High	2. Medium	A1	6.6	2.8	Asymmetric crown shape due to power line clearance.
1915	Sydney Blue Gum	*Eucalyptus saligna*	Young	4	1	120					120	140	Fair	Poor	Low	4. Remove	Z5	2.0	1.5	Topped for power line clearance. DBH estimated.
1916	Sydney Blue Gum	*Eucalyptus saligna*	Mature	26	6	600					600	700	Good	Fair	High	2. Medium	A1	7.2	2.8	Asymmetric crown shape due to power line clearance. DBH estimated.
1917	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	5	2	200					200	300	Fair	Poor	Low	4. Remove	Z5	2.4	2.0	Topped for power line clearance. DBH estimated.
1918	Chinese Tallo	*Triadica sebifera*	Mature	9	3	220	110				246	320	Good	Fair	Medium	2. Medium	A1	3.0	2.1	Branches on fence. DBH estimated.
1919	Chinese Tallo	*Triadica sebifera*	Mature	10	2	210	150				258	400	Good	Fair	Medium	2. Medium	A1	3.1	2.3	Branches on fence. DBH estimated.
1920	Camphor Laurel	*Cinnamomum camphora*	Mature	8	3	350	350				495	700	Good	Fair	Low	2. Medium	Z3	5.9	2.8	Exempt species. DBH estimated.
1921	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	19	5	470					470	550	Good	Good	Medium	2. Medium	Z3	5.6	2.6	Exempt species.
1922	Eucalypt	*Eucalyptus spp*	Semi-mature	9	2	150					150	220	Good	Good	Medium	1. Long	A1	2.0	1.8	None.
1923	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	1000					1000	1000	Fair	Fair	Low	2. Medium	Z3	12.0	3.3	Exempt species. DBH estimated.
1924	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	400					400	400	Good	Fair	Low	2. Medium	Z3	4.8	2.3	Exempt species. DBH estimated. Growing through fence.
1925	Camphor Laurel	*Cinnamomum camphora*	Mature	9	4	400					400	480	Good	Fair	Low	2. Medium	Z3	4.8	2.4	Exempt species. DBH estimated.
1926	Wallangarra White Gum	*Eucalyptus scoparia*	Semi-mature	7	2	180					180	240	Fair	Fair	Low	2. Medium	Z3	2.2	1.8	Exempt species.
1927	Bangalay	*Eucalyptus botryoides*	Mature	17	6	550					550	680	Good	Good	High	1. Long	A1	6.6	2.8	Growing adjacent to fence.
1928	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	9	4	340					340	400	Good	Good	Medium	2. Medium	Z3	4.1	2.3	Exempt species.
1929	Camphor Laurel	*Cinnamomum camphora*	Young	4	1	100	100	80			162	200	Fair	Fair	Low	5. Small/Young	Z3	2.0	1.7	Exempt species growing through fence.
1930	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	8	3	300					300	380	Good	Good	Low	2. Medium	Z3	3.6	2.2	Exempt species.
1931	Blackbutt	*Eucalyptus pilularis*	Mature	18	5	470					470	540	Good	Good	High	1. Long	A1	5.6	2.6	Growing adjacent to fence.
1932	Camphor Laurel	*Cinnamomum camphora*	Young	4	1	80	50	50	50	50	128	350	Fair	Fair	Low	5. Small/Young	Z3	2.0	2.1	Exempt species.
1933	Sydney Blue Gum	*Eucalyptus saligna*	Mature	14	9	850					850	950	Good	Good	Very High	1. Long	A1	10.2	3.2	Growing directly adjacent to fence with branches in contact with fence.
1934	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	13	6	530					530	640	Good	Fair	Medium	2. Medium	Z3	6.4	2.7	Exempt species. Lopped for power line clearance.
1935	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	200					200	200	Good	Good	Low	5. Small/Young	Z1	2.4	1.7	None.
1936	Grey Box	*Eucalyptus moluccana*	Mature	6	3	400					400	450	Fair	Fair	High	3. Short	Z10	4.8	2.4	Lopped for power line clearance.
1937	Bangalay	*Eucalyptus botryoides*	Mature	18	10	500	500	300	300		825	1100	Good	Fair	High	2. Medium	A2	9.9	3.4	Asymmetric crown shape due to power line clearance.
1938	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	12	8	750	250				791	900	Good	Fair	Medium	2. Medium	Z3	9.5	3.2	Asymmetric crown shape due to power line clearance. Exempt species.
1939	Bangalay	*Eucalyptus botryoides*	Mature	10	5	440					440	510	Good	Fair	High	2. Medium	A2	5.3	2.5	Asymmetric crown shape due to power line clearance.
1940	Queensland Brushbox	*Lophostemon confertus*	Mature	5	4	500					500	580	Good	Fair	Medium	3. Short	Z10	6.0	2.6	Topped for power line clearance. DBH estimated.
1941	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	12	6	560					560	650	Good	Fair	Medium	3. Short	Z3	6.7	2.8	Asymmetric crown shape due to power line clearance. Fungal bracket (Phellinus spp) identified in east side of trunk.
1942	Queensland Brushbox	*Lophostemon confertus*	Mature	5	4	400					400	450	Good	Fair	Medium	3. Short	Z10	4.8	2.4	Topped for power line clearance. DBH estimated.
1943	Bangalay	*Eucalyptus botryoides*	Mature	10	5	310	200				369	500	Good	Fair	High	2. Medium	A2	4.4	2.5	Asymmetric crown shape due to power line clearance.
1944	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	14	6	640					640	660	Good	Fair	Medium	2. Medium	Z3	7.7	2.8	Asymmetric crown shape due to power line clearance. Exempt species.
1945	Blackbutt	*Eucalyptus pilularis*	Mature	15	6	500					500	630	Good	Fair	High	2. Medium	A2	6.0	2.7	Asymmetric crown shape due to power line clearance.
1946	Blackbutt	*Eucalyptus pilularis*	Mature	14	4	400	280				488	460	Good	Fair	High	3. Short	Z10	5.9	2.4	Lopped for power line clearance.
1947	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	480					480	550	Good	Fair	Medium	3. Short	Z10	5.8	2.6	Topped for power line clearance. DBH estimated.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1948	Wallangarra White Gum	*Eucalyptus scoparia*	Semi-mature	8	2	230					230	290	Good	Good	Low	2. Medium	Z3	2.8	2.0	Exempt species.
1949	Blackbutt	*Eucalyptus pilularis*	Mature	14	6	560					560	650	Good	Fair	High	2. Medium	A2	6.7	2.8	Lopped for power line clearance.
1950	Robinia	*Robinia pseudoacacia*	Semi-mature	5	2	200					200	230	Fair	Fair	Low	3. Short	Z3	2.4	1.8	Exempt species. Apical dieback.
1951	Turpentine	*Syncarpia glomulifera*	Mature	8	6	1400					1400	1400	Good	Fair	High	2. Medium	A2	15.0	3.8	Lopped for power line clearance. DBH estimated.
1952	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	11	6	550					550	690	Good	Fair	Medium	2. Medium	Z3	6.6	2.8	Exempt species. Asymmetric crown shape due to power line clearance.
1953	Wallangarra White Gum	*Eucalyptus scoparia*	Semi-mature	5	2	230					230	320	Fair	Fair	Low	3. Short	Z3	2.8	2.1	Exempt species. Decay at base. Growing on fence.
1954	Bangalay	*Eucalyptus botryoides*	Mature	10	5	440					440	470	Good	Fair	High	2. Medium	A2	5.3	2.4	Pruned for power line clearance.
1955	Lombardy Poplar	*Populus nigra 'Italica'*	Mature	8	2	400					400	480	Good	Fair	Low	2. Medium	Z3	4.8	2.4	Exempt species. Topped for power line clearance.
1956	Bangalay	*Eucalyptus botryoides*	Mature	10	4	420					420	480	Good	Fair	High	2. Medium	A2	5.0	2.4	Asymmetric crown shape due to power line clearance.
1957	Black Peppermint	*Eucalyptus nicholii*	Mature	11	6	550					550	650	Good	Fair	Medium	2. Medium	Z3	6.6	2.8	Exempt species. Asymmetric crown shape due to power line clearance.
1958	Bangalay	*Eucalyptus botryoides*	Mature	8	4	350					350	450	Good	Fair	High	3. Short	Z10	4.2	2.4	Topped for power line clearance.
1959	Queensland Brushbox	*Lophostemon confertus*	Mature	5	3	300	240				384	500	Fair	Fair	Medium	2. Medium	A2	4.6	2.5	Lie foliage density for species. Cavity on south side of trunk near base.
1960	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	8	6	540					540	600	Good	Fair	Medium	2. Medium	Z3	6.5	2.7	Heavily pruned for power line clearance.
G19	Parramatta Wattle	*Acacia parramattensis*	Semi-mature	5	1	100					100	120	Fair	Fair	Low	3. Short	Z1	2.0	1.5	Group of approximately 80 trees. Majority if trees are in decline or dead.
1961	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	8	2	160					160	220	Good	Good	Medium	1. Long	A1	2.0	1.8	None.
1962	Bangalay	*Eucalyptus botryoides*	Mature	6	3	300					300	360	Good	Fair	Medium	3. Short	Z10	3.6	2.2	Lopped for power line clearance.
1963	Queensland Brushbox	*Lophostemon confertus*	Mature	6	3	400					400	490	Good	Fair	Medium	2. Medium	A2	4.8	2.5	Asymmetric crown shape due to power line clearance.
1964	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	8	5	500					500	600	Good	Fair	Medium	2. Medium	Z3	6.0	2.7	Exempt species. Lopped for power line clearance.
1965	Queensland Brushbox	*Lophostemon confertus*	Mature	5	3	300					300	360	Good	Good	Medium	2. Medium	A1	3.6	2.2	None.
G20	Wattle	*Acacia spp*	Semi-mature	6	1	150					150	200	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.7	Group of approximately 25 trees.
1966	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	6	4	500					500	550	Fair	Fair	Medium	3. Short	Z3	6.0	2.6	Exempt species. In decline
1967	Queensland Brushbox	*Lophostemon confertus*	Mature	7	4	350	370				509	600	Good	Good	Medium	2. Medium	A2	6.1	2.7	Lopped for power line clearance.
1968	Wattle	*Acacia spp*	Semi-mature	4	1	80	80				113	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1969	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	500					500	600	Good	Fair	Medium	3. Short	Z10	6.0	2.7	Topped for power line clearance.
1970	Wattle	*Acacia spp*	Semi-mature	4	1	100	80	50			137	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1971	Queensland Brushbox	*Lophostemon confertus*	Mature	6	3	370	300				476	550	Fair	Fair	Medium	3. Short	Z10	5.7	2.6	Large pruning wounds and poor overall form.
1972	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	11	6	540					540	650	Good	Fair	Medium	2. Medium	Z3	6.5	2.8	Exempt species. Asymmetric crown shape due to power line clearance.
1973	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	120	120	120			208	340	Good	Fair	Low	5. Small/Young	Z1	2.5	2.1	None.
1974	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	400					400	500	Good	Fair	Medium	3. Short	Z10	4.8	2.5	Topped for power line clearance.
1975	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	9	5	440					440	510	Good	Fair	Medium	2. Medium	Z3	5.3	2.5	Exempt species. Asymmetric crown shape due to power line clearance.
1976	Bangalay	*Eucalyptus botryoides*	Mature	10	4	390					390	450	Fair	Fair	Medium	3. Short	Z10	4.7	2.4	Poor overall form. Asymmetric crown shape due to power line clearance.
1977	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	6	2	170					170	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.
1978	Queensland Brushbox	*Lophostemon confertus*	Mature	5	6	620					620	750	Good	Fair	High	3. Short	Z10	7.4	2.9	Topped for power line clearance.
1979	Sydney Blue Gum	*Eucalyptus saligna*	Mature	9	4	430					430	490	Fair	Fair	High	2. Medium	A2	5.2	2.5	Asymmetric crown shape due to power line clearance. Fungal bracket (Phellinus spp) on east side of trunk.
1980	Bangalay	*Eucalyptus botryoides*	Mature	8	5	450					450	520	Fair	Fair	High	3. Short	Z10	5.4	2.5	Asymmetric crown shape due to power line clearance.
1981	Eucalypt	*Eucalyptus spp*	Semi-mature	6	2	180	110				211	250	Good	Fair	Low	5. Small/Young	Z1	2.5	1.8	None.
1982	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	10	7	650					650	690	Good	Fair	Medium	2. Medium	Z3	7.8	2.8	Asymmetric crown shape due to power line clearance. Exempt species.
1983	Hickory Wattle	*Acacia implexa*	Mature	9	3	340					340	450	Good	Good	Medium	2. Medium	A1	4.1	2.4	None.
1984	Eucalypt	*Eucalyptus spp*	Mature	10	4	400					400	460	Good	Fair	Medium	2. Medium	A2	4.8	2.4	Asymmetric crown shape due to power line clearance.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1985	Chinese Tallo	*Triadica sebifera*	Semi-mature	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Adjacent to fence.
1986	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	8	4	320					320	380	Good	Fair	Medium	2. Medium	Z3	3.8	2.2	Asymmetric crown shape due to power line clearance. Exempt species.
1987	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	10	4	360					360	440	Good	Fair	Medium	2. Medium	Z3	4.3	2.3	Asymmetric crown shape due to power line clearance. Exempt species.
1988	Bangalay	*Eucalyptus botryoides*	Mature	12	4	370					370	440	Good	Fair	High	3. Short	Z10	4.4	2.3	Asymmetric crown shape due to power line clearance. Poor overall form.
1989	Bangalay	*Eucalyptus botryoides*	Mature	11	4	360					360	440	Good	Fair	High	2. Medium	A2	4.3	2.3	Asymmetric crown shape due to power line clearance.
1990	Peppercorn Tree	*Schinus molle*	Mature	10	8	700	500	500			995	1500	Good	Fair	High	2. Medium	A1	11.9	3.9	DBH estimated. Could not view South side of tree.
1991	Peppercorn Tree	*Schinus molle*	Mature	10	9	680	500	500			981	1200	Good	Fair	High	2. Medium	A1	11.8	3.6	DBH estimated. Could not view South side of tree.
1992	Turpentine	*Syncarpia glomulifera*	Mature	9	4	500	300	300	200		686	1000	Fair	Fair	High	2. Medium	A2	8.2	3.3	Growing directly adjacent to fence. Multiple stems.
1993	Sweet Pittosporum	*Pittosporum undulatum*	Mature	7	3	300					300	300	Good	Fair	Medium	2. Medium	A1	3.6	2.0	DBH estimated. Could not view South side of tree.
1994	Peppercorn Tree	*Schinus molle*	Mature	10	8	500	500				707	1100	Good	Fair	High	2. Medium	A1	8.5	3.4	DBH estimated. Could not view South side of tree.
1995	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	250	320				406	450	Poor	Fair	Medium	4. Remove	Z4	4.9	2.4	In advanced stages of decline.
1996	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	1	210					210	250	Fair	Poor	Low	4. Remove	Z5	2.5	1.8	Partial failure at base, leaning on fence.
1997	Wattle	*Acacia spp*	Semi-mature	6	2	160	110	110			223	250	Good	Fair	Medium	2. Medium	A1	2.7	1.8	Located in adjoining property. DBH estimated.
1998	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Trunk lean.
1999	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	190					190	220	Fair	Fair	Low	3. Short	Z4	2.3	1.8	Early stages of decline.
G21	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	100					100	120	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Group of approximately 13 trees.
2000	Italian Cypress	*Cupressus sempervirens*	Mature	6	1	150					150	200	Good	Fair	Medium	2. Medium	A1	2.0	1.7	Located in adjoining property. DBH estimated.
2001	Common Oak	*Quercus robur*	Mature	8	4	450					450	450	Good	Fair	Medium	2. Medium	A1	5.4	2.4	DBH measured at base.
2002	Italian Cypress	*Cupressus sempervirens*	Mature	6	1	230					230	250	Good	Fair	Medium	2. Medium	A1	2.8	1.8	Located in adjoining property. DBH estimated.
2003	Blue Lilly Pilly	*Syzygium oleosum*	Mature	9	5	390	290				486	520	Good	Good	High	1. Long	A1	5.8	2.5	Located in adjoining property. DBH estimated.
2004	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	9	6	550	200				585	650	Good	Fair	Medium	2. Medium	A1	7.0	2.8	Located in adjoining property. DBH estimated.
2005	Chinese Tallo	*Triadica sebifera*	Mature	6	4	190	240				306	650	Good	Fair	Medium	2. Medium	A1	3.7	2.8	Located directly adjacent to fence.
2006	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	210					210	250	Good	Fair	Medium	2. Medium	A1	2.5	1.8	None.
2007	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	10	5	1200					1200	1200	Good	Fair	High	1. Long	A1	14.4	3.6	Multi stem tree.
G22	Wattle	*Acacia spp*	Semi-mature	5	1	100					100	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Group of approximately 80 trees. Overall condition of group is fair-poor.
2008	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	4	440					440	480	Fair	Fair	Medium	3. Short	Z4	5.3	2.4	Early stages of decline.
2009	Robinia	*Robinia pseudoacacia*	Mature	9	5	460	300				549	790	Good	Fair	Medium	2. Medium	Z3	6.6	3.0	Exempt species. Co-dominant stems with tight union.
2010	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	1	100	120	130			203	250	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	None.
2011	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	120					120	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2012	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	140	100	80			190	230	Good	Fair	Low	5. Small/Young	Z1	2.3	1.8	None.
2013	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	200	130				239	280	Good	Good	Medium	2. Medium	A1	2.9	1.9	None.
2014	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	3	1	150					150	230	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	None.
2015	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	100	90				135	210	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.
2016	Swamp Mahogany	*Eucalyptus robusta*	Mature	8	5	530					530	620	Good	Good	High	1. Long	A1	6.4	2.7	None.
2017	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	100	100				141	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Co-dominant stems with tight union.
2018	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	70	70	50			111	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Co-dominant stems with tight union.
2019	Bangalay	*Eucalyptus botryoides*	Mature	11	5	460					460	510	Good	Good	High	1. Long	A1	5.5	2.5	None.
2020	Queensland Brushbox	*Lophostemon confertus*	Mature	12	4	350					350	440	Good	Fair	High	2. Medium	A1	4.2	2.3	Asymmetric crown shape due to power line clearance.
2021	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	12	4	400					400	500	Good	Fair	Medium	2. Medium	Z3	4.8	2.5	Exempt species. Asymmetric crown shape due to power line clearance.
2022	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Semi-mature	4	2	100	150	150	200		308	600	Good	Fair	Low	5. Small/Young	Z1	3.7	2.7	Located directly adjacent to fence.
2023	Moreton Bay Fig	*Ficus macrophylla*	Young	5	2	190					190	230	Good	Good	Low	5. Small/Young	Z1	2.3	1.8	None.
2024	Queensland Brushbox	*Lophostemon confertus*	Mature	11	5	530					530	650	Good	Fair	High	2. Medium	A1	6.4	2.8	Asymmetric crown shape due to power line clearance.
2025	Queensland Brushbox	*Lophostemon confertus*	Mature	12	5	460					460	550	Good	Fair	High	2. Medium	A1	5.5	2.6	Asymmetric crown shape due to power line clearance.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2026	Moreton Bay Fig	*Ficus macrophylla*	Semi-mature	7	2	200					200	260	Good	Good	Medium	1. Long	A1	2.4	1.9	None.
2027	Queensland Brushbox	*Lophostemon confertus*	Mature	12	5	470					470	560	Good	Fair	High	2. Medium	A1	5.6	2.6	Asymmetric crown shape due to power line clearance.
2028	Wattle	*Acacia spp*	Semi-mature	4	1	120					120	160	Good	Poor	Low	5. Small/Young	Z5	2.0	1.5	Topped.
2029	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	12	7	790					790	930	Good	Fair	Medium	2. Medium	Z3	9.5	3.2	Exempt species. Asymmetric crown shape due to power line clearance.
2030	Wattle	*Acacia spp*	Semi-mature	4	1	170					170	220	Good	Poor	Low	5. Small/Young	Z5	2.0	1.8	Topped.
2031	Water Gum	*Tristaniopsis laurina*	Semi-mature	4	2	110	120				163	250	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Co-dominant stems with tight union.
2032	Sydney Blue Gum	*Eucalyptus saligna*	Mature	10	4	400					400	440	Fair	Fair	Medium	3. Short	Z9	4.8	2.3	Low foliage density for species. Fungal bracket (Phellinus spp) on east side of trunk.
2033	Moreton Bay Fig	*Ficus macrophylla*	Mature	10	4	300					300	330	Good	Good	Medium	1. Long	A1	3.6	2.1	None.
2034	Port Jackson Fig	*Ficus rubiginosa*	Semi-mature	4	1	200					200	240	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	None.
2035	Queensland Brushbox	*Lophostemon confertus*	Mature	12	5	430					430	490	Good	Fair	High	2. Medium	A1	5.2	2.5	Asymmetric crown shape due to power line clearance.
2036	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	14	4	380					380	460	Good	Fair	Medium	2. Medium	Z3	4.6	2.4	Exempt species. Asymmetric crown shape due to power line clearance.
2037	Fig	*Ficus spp*	Semi-mature	4	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	None.
2038	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	450					450	450	Good	Fair	Medium	3. Short	Z9	5.4	2.4	Topped for power line clearance.
2039	Queensland Brushbox	*Lophostemon confertus*	Mature	10	3	290					290	350	Good	Fair	Medium	2. Medium	A1	3.5	2.1	Asymmetric crown shape due to power line clearance.
2040	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	230					230	280	Good	Fair	Medium	2. Medium	A1	2.8	1.9	None.
2041	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	2	210					210	230	Fair	Fair	Medium	3. Short	Z9	2.5	1.8	Significantly pruned.
2042	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	240					240	280	Good	Fair	Medium	2. Medium	A1	2.9	1.9	None.
2043	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	110					110	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2044	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2045	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	140	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Trunk lean.
2046	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	150	150				212	300	Good	Fair	Medium	2. Medium	A1	2.5	2.0	Co-dominant stems at base.
2047	Wattle	*Acacia spp*	Semi-mature	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2048	Sydney Golden Wattle	*Acacia longifolia*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None
2049	Wattle	*Acacia spp*	Semi-mature	5	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
2050	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2051	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	8	3	270					270	310	Good	Good	Medium	1. Long	A1	3.2	2.0	None.
2052	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	150					150	180	Good	Fair	Low	5. Small/Young	Z3	2.0	1.6	Exempt species.
2053	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
2054	Queensland Brushbox	*Lophostemon confertus*	Mature	12	6	600					600	650	Good	Good	High	1. Long	A1	7.2	2.8	None.
2055	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2056	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2057	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
2058	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
2059	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2060	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	9	3	260					260	350	Poor	Fair	Medium	4. Remove	Z4	3.1	2.1	In advanced stages of decline. Fungal bracket (Phellinus spp) on north side of trunk at 2m.
2061	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	110					110	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2062	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	90					90	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2063	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	9	3	270					270	330	Good	Fair	Medium	2. Medium	A1	3.2	2.1	Asymmetric crown shape due to power line clearance.
2064	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	130	130				184	300	Fair	Fair	Medium	3. Short	Z10	2.2	2.0	Low foliage density for species. Poor overall form.
2065	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	2	210					210	250	Good	Fair	Medium	3. Short	A1	2.5	1.8	Area inaccessible. DBH estimated.
2066	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200					200	220	Fair	Fair	Medium	3. Short	Z10	2.4	1.8	Area inaccessible. DBH estimated. Poor overall form.
2067	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	450					450	450	Fair	Fair	Medium	3. Short	Z9	5.4	2.4	Area inaccessible. DBH estimated. Topped.
2068	Wallangarra White Gum	*Eucalyptus scoparia*	Semi-mature	9	3	270					270	330	Good	Fair	Low	2. Medium	Z3	3.2	2.1	Exempt species.
2069	Wallangarra White Gum	*Eucalyptus scoparia*	Semi-mature	9	3	230					230	280	Good	Fair	Low	2. Medium	Z3	2.8	1.9	Exempt species.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2070	Unknown	*Unknown spp*	Semi-mature	5	2	350					350	350	Good	Fair	Low	5. Small/Young	Z1	4.2	2.1	Area inaccessible. DBH estimated.
2071	Water Gum	*Tristaniopsis laurina*	Mature	6	2	140	140	150			248	290	Good	Good	Medium	2. Medium	A1	3.0	2.0	None.
2072	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	100	100				141	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2073	Wallangarra White Gum	*Eucalyptus scoparia*	Semi-mature	8	3	260					260	350	Good	Fair	Low	2. Medium	Z3	3.1	2.1	Exempt species.
2074	Peppercorn Tree	*Schinus molle*	Semi-mature	7	3	180	150				234	300	Good	Fair	Medium	2. Medium	A1	2.8	2.0	Area inaccessible. DBH estimated.
2075	Camphor Laurel	*Cinnamomum camphora*	Mature	9	3	500					500	500	Good	Fair	Medium	2. Medium	Z3	6.0	2.5	Area inaccessible. DBH estimated. Exempt species. Multi stem.
2076	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	110	100				149	300	Good	Fair	Low	5. Small/Young	Z1	2.0	2.0	None.
2077	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	200	110	100			249	350	Fair	Poor	Low	4. Remove	Z5	3.0	2.1	Topped for power line clearance.
2078	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	1	160					160	200	Good	Fair	Medium	2. Medium	A1	2.0	1.7	None.
2079	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	1	140					140	190	Fair	Fair	Medium	3. Short	Z10	2.0	1.6	Poor overall form.
2080	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	160					160	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located on steep embankment.
2081	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	300					300	300	Fair	Fair	Medium	3. Short	Z10	3.6	2.0	Poor overall form.
2082	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	200					200	250	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	Located on steep embankment.
2083	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	120	120				170	230	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located on steep embankment.
2084	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	100	100	120			185	300	Fair	Fair	Low	3. Short	Z10	2.2	2.0	Poor overall form.
2085	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	250					250	250	Good	Fair	Medium	2. Medium	A1	3.0	1.8	Area inaccessible. DBH estimated.
2086	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	240					240	310	Good	Fair	Medium	3. Short	Z9	2.9	2.0	Topped for power line clearance.
2087	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	180					180	200	Good	Fair	Medium	3. Short	Z9	2.2	1.7	Topped for power line clearance.
2088	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	120	150				192	250	Poor	Fair	Medium	4. Remove	Z4	2.3	1.8	Majority of crown is dead. Advanced stages of decline.
2089	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	200					200	220	Fair	Poor	Medium	3. Short	Z9	2.4	1.8	Topped for power line clearance.
2090	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	7	2	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2091	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	10	3	310					310	350	Good	Good	Medium	1. Long	A1	3.7	2.1	None.
2092	Swamp Mahogany	*Eucalyptus robusta*	Mature	9	3	330					330	360	Good	Good	Medium	1. Long	A1	4.0	2.2	None.
2093	Queensland Brushbox	*Lophostemon confertus*	Mature	11	5	450					450	520	Good	Fair	High	2. Medium	A1	5.4	2.5	Asymmetric crown shape due to power line clearance.
2094	Water Gum	*Tristaniopsis laurina*	Mature	8	2	250	190				314	350	Good	Good	Medium	1. Long	A1	3.8	2.1	None.
2095	Bangalay	*Eucalyptus botryoides*	Mature	18	6	560					560	640	Good	Fair	High	2. Medium	A1	6.7	2.7	Asymmetric crown shape due to power line clearance.
2096	Peppercorn Tree	*Schinus molle*	Mature	6	3	400					400	400	Fair	Fair	Medium	3. Short	Z10	4.8	2.3	Area inaccessible. DBH estimated.
2097	Peppercorn Tree	*Schinus molle*	Mature	9	5	500					500	500	Good	Fair	Medium	2. Medium	A1	6.0	2.5	Area inaccessible. DBH estimated.
2098	Chinese Tallo	*Triadica sebifera*	Mature	7	2	240					240	320	Good	Good	Medium	2. Medium	A1	2.9	2.1	None.
G23	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Group of approximately 20 trees within corridor.
2099	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	5	2	200					200	230	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	None.
2100	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	5	2	170					170	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
2101	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
2102	Queensland Brushbox	*Lophostemon confertus*	Young	3	1	140					140	170	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Topped at 2m.
2103	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Co-dominant stems.
2104	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	300					300	360	Good	Good	Medium	1. Long	A1	3.6	2.2	None.
2105	Queensland Brushbox	*Lophostemon confertus*	Mature	7	3	310					310	330	Good	Good	Medium	1. Long	A1	3.7	2.1	None.
2106	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	380					380	440	Good	Good	Medium	1. Long	A1	4.6	2.3	None.
2107	Queensland Brushbox	*Lophostemon confertus*	Mature	9	3	310					310	360	Fair	Good	Medium	2. Medium	A2	3.7	2.2	Low foliage density for species.
2108	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	330					330	370	Fair	Good	Medium	2. Medium	A2	4.0	2.2	Low foliage density for species.
2109	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	350					350	390	Good	Good	Medium	1. Long	A1	4.2	2.2	None.
2110	Queensland Brushbox	*Lophostemon confertus*	Mature	8	2	210	200				290	320	Good	Good	Medium	1. Long	A1	3.5	2.1	None.
2111	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	300					300	330	Fair	Good	Medium	2. Medium	A2	3.6	2.1	Low foliage density for species.
2112	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	None.
2113	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	7	2	140					140	190	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
2114	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	1	100	100				141	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
2115	Willow Bottlebrush	*Callistemon salignus*	Semi-mature	5	1	130					130	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2116	Willow Bottlebrush	*Callistemon salignus*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2117	Willow Bottlebrush	*Callistemon salignus*	Young	5	1	110					110	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2118	Lemon Scented Gum	*Corymbia citriodora*	Mature	23	9	610					610	670	Good	Good	High	1. Long	A1	7.3	2.8	None.
2119	Willow Bottlebrush	*Callistemon salignus*	Semi-mature	5	1	100	100				141	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2120	Willow Bottlebrush	*Callistemon salignus*	Semi-mature	9	2	170	150				227	320	Good	Good	Medium	2. Medium	A1	2.7	2.1	None.
2121	Photinia Robusta	*Photinia robusta*	Semi-mature	4	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Growing through fence.
2122	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	19	5	480					480	520	Good	Good	Medium	2. Medium	Z3	5.8	2.5	Exempt species.
2123	Lemon Scented Gum	*Corymbia citriodora*	Mature	20	8	560					560	640	Good	Good	High	1. Long	A1	6.7	2.7	None.
2124	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	15	4	360					360	440	Good	Good	Medium	2. Medium	Z3	4.3	2.3	Exempt species.
2125	Lemon Scented Gum	*Corymbia citriodora*	Mature	21	8	500					500	600	Good	Good	High	1. Long	A1	6.0	2.7	None.
2126	Lemon Scented Gum	*Corymbia citriodora*	Mature	18	4	380					380	490	Good	Good	High	1. Long	A1	4.6	2.5	None.
2127	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	18	7	630					630	750	Good	Fair	Medium	1. Long	Z3	7.6	2.9	Exempt species.
2128	River She Oak	*Casuarina cunninghamiana*	Mature	19	5	480					480	520	Good	Good	High	1. Long	A1	5.8	2.5	Canopy interference from adjacent tree.
2129	Queensland Brushbox	*Lophostemon confertus*	Mature	12	5	450					450	480	Good	Good	High	1. Long	A1	5.4	2.4	None.
2130	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	470					470	510	Good	Good	High	1. Long	A1	5.6	2.5	None.
2131	Queensland Brushbox	*Lophostemon confertus*	Mature	12	6	590					590	650	Good	Good	High	1. Long	A1	7.1	2.8	None.
2132	Queensland Brushbox	*Lophostemon confertus*	Mature	10	6	580					580	640	Good	Good	High	1. Long	A1	7.0	2.7	None.
2133	Queensland Brushbox	*Lophostemon confertus*	Mature	10	6	630					630	750	Good	Good	High	1. Long	A1	7.6	2.9	None.
2134	Queensland Brushbox	*Lophostemon confertus*	Mature	9	3	320					320	400	Good	Good	Medium	1. Long	A1	3.8	2.3	None.
2135	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	450					450	520	Good	Good	High	1. Long	A1	5.4	2.5	None.
2136	Queensland Brushbox	*Lophostemon confertus*	Mature	12	4	440					440	480	Good	Good	High	1. Long	A1	5.3	2.4	None.
2137	Queensland Brushbox	*Lophostemon confertus*	Mature	10	4	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	None.
2138	Queensland Brushbox	*Lophostemon confertus*	Mature	13	6	550					550	620	Good	Good	High	1. Long	A1	6.6	2.7	None.
2139	Queensland Brushbox	*Lophostemon confertus*	Mature	12	5	450					450	520	Good	Good	High	1. Long	A1	5.4	2.5	None.
2140	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
2141	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	200					200	260	Good	Good	Medium	1. Long	A1	2.4	1.9	None.
2142	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	170	110				202	220	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
2143	Queensland Brushbox	*Lophostemon confertus*	Mature	9	3	310					310	420	Good	Good	High	1. Long	A1	3.7	2.3	None.
2144	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	140	120	120			220	360	Good	Good	Medium	1. Long	A1	2.6	2.2	None.
2145	Spotted Gum	*Corymbia maculata*	Mature	12	4	400					400	480	Good	Good	High	1. Long	A1	4.8	2.4	Pruned for power line clearance.
2146	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	8	3	310					310	360	Good	Good	Medium	1. Long	A1	3.7	2.2	Pruned for power line clearance.
2147	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	9	3	310					310	360	Good	Good	Medium	1. Long	A1	3.7	2.2	None.
2148	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	370					370	440	Good	Good	High	1. Long	A1	4.4	2.3	Pruned for power line clearance.
2149	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	240	90				256	270	Good	Good	Low	5. Small/Young	Z1	3.1	1.9	None.
2150	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	340					340	380	Good	Good	High	1. Long	A1	4.1	2.2	Pruned for power line clearance.
2151	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	340					340	380	Good	Good	High	1. Long	A1	4.1	2.2	None.
2152	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	190					190	240	Good	Good	Medium	1. Long	A1	2.3	1.8	None.
2153	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	310					310	360	Good	Good	Medium	1. Long	A1	3.7	2.2	None.
2154	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	300					300	350	Good	Good	Medium	1. Long	A1	3.6	2.1	None.
2155	Queensland Brushbox	*Lophostemon confertus*	Mature	10	6	630					630	750	Good	Fair	High	2. Medium	A1	7.6	2.9	Asymmetric crown shape due to power line clearance.
2156	Eucalypt	*Eucalyptus spp*	Mature	13	4	400					400	450	Good	Fair	High	3. Short	Z10	4.8	2.4	Poor overall form.
2157	Turpentine	*Syncarpia glomulifera*	Mature	8	4	500					500	500	Good	Good	Medium	1. Long	A1	6.0	2.5	DBH estimated.
2158	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	4	1	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
2159	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	8	2	250					250	290	Good	Good	Low	5. Small/Young	Z1	3.0	2.0	None.
2160	Queensland Brushbox	*Lophostemon confertus*	Mature	12	5	490					490	550	Good	Good	High	1. Long	A1	5.9	2.6	None.
2161	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	180					180	220	Good	Good	Low	5. Small/Young	Z1	2.2	1.8	None.
2162	Queensland Brushbox	*Lophostemon confertus*	Mature	5	3	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	None.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2163	Queensland Brushbox	*Lophostemon confertus*	Mature	15	6	800					800	890	Good	Good	Very High	1. Long	A1	9.6	3.2	None.
2164	Swamp Oak	*Casuarina glauca*	Mature	10	4	430					430	520	Good	Good	High	1. Long	A1	5.2	2.5	None.
2165	Eucalypt	*Eucalyptus spp*	Mature	5	3	300					300	350	Fair	Fair	Medium	3. Short	Z4	3.6	2.1	Low foliage density for species. Early stages of decline.
2166	Swamp Oak	*Casuarina glauca*	Mature	17	4	390					390	450	Good	Fair	High	2. Medium	A1	4.7	2.4	Asymmetric crown shape due to power line clearance.
2167	Swamp Oak	*Casuarina glauca*	Mature	16	4	390					390	450	Good	Fair	High	2. Medium	A1	4.7	2.4	Co-dominant stems with bark inclusion.
2168	Swamp Oak	*Casuarina glauca*	Semi-mature	11	2	200					200	260	Good	Fair	Medium	2. Medium	A1	2.4	1.9	Asymmetric crown shape due to power line clearance.
2169	Swamp Oak	*Casuarina glauca*	Mature	15	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	None.
2170	Swamp Oak	*Casuarina glauca*	Mature	14	3	320					320	370	Good	Fair	High	2. Medium	A1	3.8	2.2	Asymmetric crown shape due to power line clearance.
2171	Swamp Oak	*Casuarina glauca*	Mature	14	3	350					350	420	Good	Fair	High	2. Medium	A1	4.2	2.3	Asymmetric crown shape due to power line clearance.
2172	Swamp Oak	*Casuarina glauca*	Mature	15	5	500					500	640	Good	Fair	High	2. Medium	A1	6.0	2.7	Significant root buttressing with girdled roots at base.
2173	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	100	110	130	170		261	400	Good	Good	Medium	1. Long	A1	3.1	2.3	None.
2174	Swamp Oak	*Casuarina glauca*	Mature	17	4	430					430	510	Good	Fair	High	2. Medium	A1	5.2	2.5	Asymmetric crown shape due to power line clearance.
2175	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	100	110	170			226	300	Good	Fair	Medium	2. Medium	A1	2.7	2.0	Co-dominant stems at base.
2176	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	150	150	120			244	400	Good	Fair	Medium	2. Medium	A1	2.9	2.3	Co-dominant stems at base.
2177	Spotted Gum	*Corymbia maculata*	Mature	18	4	380					380	460	Good	Fair	High	2. Medium	A1	4.6	2.4	Asymmetric crown shape due to power line clearance.
2178	Swamp Oak	*Casuarina glauca*	Mature	17	5	560					560	620	Good	Good	High	1. Long	A1	6.7	2.7	Co-dominant stems.
2179	Swamp Oak	*Casuarina glauca*	Mature	16	4	380					380	450	Good	Good	High	1. Long	A1	4.6	2.4	None.
2180	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2181	Spotted Gum	*Corymbia maculata*	Mature	11	3	300					300	360	Good	Fair	Medium	2. Medium	A2	3.6	2.2	Asymmetric crown shape due to power line clearance. Pruning wounds with excess kino.
2182	Spotted Gum	*Corymbia maculata*	Mature	20	5	470					470	560	Good	Good	High	1. Long	A1	5.6	2.6	Asymmetric crown shape due to power line clearance.
2183	River She Oak	*Casuarina cunninghamiana*	Semi-mature	4	2	180					180	220	Fair	Fair	Low	3. Short	Z4	2.2	1.8	In decline.
2184	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	110	120	120	150		252	400	Good	Good	Medium	1. Long	A1	3.0	2.3	Co-dominant stems at base.
2185	Black Peppermint	*Eucalyptus nicholii*	Mature	11	6	520					520	600	Fair	Fair	Medium	3. Short	Z9	6.2	2.7	Exempt species. Significant trunk lean with soil heave opposite to lean. Monitor stability.
2186	Black Peppermint	*Eucalyptus nicholii*	Mature	10	5	480					480	520	Fair	Fair	Medium	3. Short	Z4	5.8	2.5	Exempt species. Early stages of decline.
2187	Spotted Gum	*Corymbia maculata*	Mature	20	5	400					400	480	Good	Fair	High	2. Medium	A1	4.8	2.4	Asymmetric crown shape due to power line clearance. Co-dominant stems with bark inclusion at 7m.
2188	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	100	100	90	110		200	220	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	None.
2189	Swamp Oak	*Casuarina glauca*	Mature	7	4	400					400	450	Good	Fair	Medium	3. Short	Z9	4.8	2.4	Topped for power line clearance.
2190	Swamp Oak	*Casuarina glauca*	Mature	9	2	400					400	450	Fair	Fair	Medium	3. Short	Z9	4.8	2.4	Topped for power line clearance.
2191	Black Peppermint	*Eucalyptus nicholii*	Mature	5	5	440					440	500	Good	Poor	Medium	4. Remove	Z5	5.3	2.5	Exempt species. Topped for power line clearance.
2192	Swamp Oak	*Casuarina glauca*	Mature	11	4	380					380	440	Good	Fair	High	2. Medium	A1	4.6	2.3	Asymmetric crown shape due to power line clearance.
2193	Black Peppermint	*Eucalyptus nicholii*	Dead	5	5	450					450	500	Dead	Poor	Medium	4. Remove	Z4	5.4	2.5	Dead tree.
2194	Forest Red Gum	*Eucalyptus tereticornis*	Mature	17	5	400					400	480	Good	Fair	High	2. Medium	A1	4.8	2.4	Asymmetric crown shape due to power line clearance. Crossing/rubbing branches.
2195	Swamp Oak	*Casuarina glauca*	Mature	10	3	300					300	370	Good	Good	High	1. Long	A1	3.6	2.2	None.
2196	Swamp Oak	*Casuarina glauca*	Mature	16	5	450					450	550	Good	Fair	High	2. Medium	A1	5.4	2.6	Asymmetric crown shape due to power line clearance.
2197	Swamp Oak	*Casuarina glauca*	Mature	15	8	730					730	850	Good	Good	High	1. Long	A1	8.8	3.1	None.
2198	Queensland Brushbox	*Lophostemon confertus*	Mature	13	5	630					630	650	Good	Fair	High	2. Medium	A1	7.6	2.8	Asymmetric crown shape due to power line clearance.
2199	Spotted Gum	*Corymbia maculata*	Mature	20	5	430					430	480	Good	Fair	High	2. Medium	A1	5.2	2.4	Asymmetric crown shape due to power line clearance.
2200	Spotted Gum	*Corymbia maculata*	Mature	20	5	500					500	600	Good	Fair	High	2. Medium	A1	6.0	2.7	Asymmetric crown shape due to power line clearance.
2201	Spotted Gum	*Corymbia maculata*	Mature	15	4	350					350	440	Good	Good	High	1. Long	A1	4.2	2.3	None.
2202	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	160	120				200	250	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	None.
2203	Spotted Gum	*Corymbia maculata*	Semi-mature	15	3	250					250	320	Good	Fair	Medium	2. Medium	A1	3.0	2.1	Asymmetric crown shape.
2204	Swamp Oak	*Casuarina glauca*	Mature	15	4	430					430	490	Good	Fair	High	2. Medium	A1	5.2	2.5	Asymmetric crown shape due to power line clearance.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2205	Swamp Oak	*Casuarina glauca*	Mature	19	5	440					440	550	Fair	Fair	High	3. Short	Z4	5.3	2.6	Asymmetric crown shape due to power line clearance. Low foliage density for species with apical dieback. Early stages of decline.
2206	Swamp Oak	*Casuarina glauca*	Mature	16	4	460					460	530	Good	Fair	High	2. Medium	A1	5.5	2.5	Asymmetric crown shape due to power line clearance.
2207	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	18	6	600					600	850	Good	Good	High	1. Long	Z3	7.2	3.1	Asymmetric crown shape. Exempt species.
2208	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	9	4	400					400	500	Fair	Fair	Medium	3. Short	Z3	4.8	2.5	Exempt species. Early stages of decline.
2209	Broad Leaved Privet	*Ligustrum lucidum*	Mature	5	2	300					300	300	Fair	Fair	Low	5. Small/Young	Z3	3.6	2.0	DBH estimated.
2210	Cotoneaster	*Cotoneaster spp*	Semi-mature	5	2	250					250	250	Good	Fair	Low	5. Small/Young	Z3	3.0	1.8	Exempt species. DBH estimated at base.
2211	Swamp Oak	*Casuarina glauca*	Mature	20	4	430					430	500	Good	Fair	High	2. Medium	A1	5.2	2.5	Asymmetric crown shape due to power line clearance.
2212	Spotted Gum	*Corymbia maculata*	Mature	23	5	510					510	580	Good	Good	High	1. Long	A1	6.1	2.6	None.
2213	Camphor Laurel	*Cinnamomum camphora*	Mature	9	4	400	360				538	510	Fair	Fair	Medium	3. Short	Z3	6.5	2.5	Exempt species directly adjacent to fence. Topped for power line clearance.
2214	Camphor Laurel	*Cinnamomum camphora*	Mature	9	9	600	600				849	1200	Good	Fair	Medium	2. Medium	Z3	10.2	3.6	Exempt species directly adjacent to fence. Topped for power line clearance.
2215	Spotted Gum	*Corymbia maculata*	Mature	23	5	440					440	500	Good	Good	High	1. Long	A1	5.3	2.5	None.
2216	Swamp Oak	*Casuarina glauca*	Mature	17	5	430					430	500	Good	Fair	High	2. Medium	A1	5.2	2.5	Asymmetric crown shape due to power line clearance.
2217	Macadamia	*Macadamia spp*	Semi-mature	4	1	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	DBH measured at base.
2218	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	230					230	270	Good	Good	Low	5. Small/Young	Z1	2.8	1.9	Branch failure in crown.
2219	Lemon Scented Gum	*Corymbia citriodora*	Mature	21	5	440					440	520	Good	Fair	High	2. Medium	A1	5.3	2.5	Asymmetric crown shape due to power line clearance.
2220	Swamp Oak	*Casuarina glauca*	Semi-mature	7	2	240					240	280	Good	Fair	Medium	2. Medium	A1	2.9	1.9	Co-dominant stems with tight union.
2221	Swamp Oak	*Casuarina glauca*	Mature	20	5	500					500	550	Good	Fair	High	2. Medium	A1	6.0	2.6	Asymmetric crown shape due to power line clearance.
2222	Swamp Oak	*Casuarina glauca*	Mature	20	6	630					630	700	Good	Fair	High	2. Medium	A1	7.6	2.8	Asymmetric crown shape due to power line clearance.
2223	Swamp Oak	*Casuarina glauca*	Mature	17	4	250	200				320	450	Good	Fair	High	2. Medium	A1	3.8	2.4	Co-dominant stems at base. Asymmetric crown shape due to power line clearance.
2224	Swamp Oak	*Casuarina glauca*	Semi-mature	15	3	200					200	260	Good	Fair	Medium	2. Medium	A1	2.4	1.9	Asymmetric crown shape due to power line clearance.
2225	Swamp Oak	*Casuarina glauca*	Mature	17	4	320					320	400	Good	Fair	High	2. Medium	A1	3.8	2.3	Growing directly adjacent to fence. Asymmetric crown shape due to power line clearance.
2226	Swamp Oak	*Casuarina glauca*	Mature	18	5	280	300				410	550	Good	Fair	High	2. Medium	A1	4.9	2.6	Co-dominant stems. Asymmetric crown shape due to power line clearance.
2227	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	8	3	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	None.
2228	Swamp Oak	*Casuarina glauca*	Mature	19	5	450	250				515	700	Good	Fair	High	2. Medium	A1	6.2	2.8	Asymmetric crown shape due to power line clearance.
2229	White Cedar	*Melia azedarach*	Mature	9	5	560					560	650	Good	Good	Medium	1. Long	A1	6.7	2.8	None.
2230	Swamp Oak	*Casuarina glauca*	Mature	20	6	580					580	650	Good	Fair	High	3. Short	Z9	7.0	2.8	Significantly pruned for power line clearance.
2231	Swamp Oak	*Casuarina glauca*	Mature	20	8	800					800	950	Good	Fair	Very High	1. Long	A1	9.6	3.2	Co-dominant stems with bark inclusions.
2232	Swamp Oak	*Casuarina glauca*	Mature	19	5	480					480	550	Good	Good	High	1. Long	A1	5.8	2.6	Asymmetric crown shape.
2233	Swamp Oak	*Casuarina glauca*	Semi-mature	6	1	260					260	330	Fair	Poor	Low	4. Remove	Z5	3.1	2.1	Topped for power line clearance.
2234	White Cedar	*Melia azedarach*	Young	5	1	100					100	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2235	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	2	300					300	300	Good	Fair	Very Low	5. Small/Young	Z3	3.6	2.0	Exempt species. DBH estimated at base.
2236	White Cedar	*Melia azedarach*	Semi-mature	5	1	120	100				156	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Growing directly adjacent to fence.
2237	Loquat	*Eriobotrya japonica*	Semi-mature	5	2	250					250	250	Good	Fair	Low	5. Small/Young	Z3	3.0	1.8	Exempt species.
2238	Maple	*Acer spp*	Mature	8	3	250					250	300	Fair	Good	Medium	3. Short	Z4	3.0	2.0	Low foliage density for species. Early stages of decline.
2239	Swamp Oak	*Casuarina glauca*	Mature	9	2	300					300	330	Good	Good	Medium	1. Long	A1	3.6	2.1	None.
2240	Swamp Oak	*Casuarina glauca*	Semi-mature	9	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	None.
2241	Swamp Oak	*Casuarina glauca*	Mature	18	3	310					310	350	Good	Fair	Medium	2. Medium	A1	3.7	2.1	Asymmetric crown shape due to power line clearance.
2242	Swamp Oak	*Casuarina glauca*	Mature	19	7	650					650	800	Good	Good	High	1. Long	A1	7.8	3.0	None.
2243	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	250					250	300	Good	Good	Medium	2. Medium	A1	3.0	2.0	None.
2244	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	210					210	240	Good	Fair	Medium	3. Short	Z10	2.5	1.8	Suppressed by adjacent trees.
2245	Camphor Laurel	*Cinnamomum camphora*	Mature	12	5	500	350				610	900	Good	Fair	Medium	3. Short	A1	7.3	3.2	Asymmetric crown shape due to power line clearance.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2246	Swamp Oak	*Casuarina glauca*	Semi-mature	9	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Growing through fence.
2247	Swamp Oak	*Casuarina glauca*	Mature	17	3	320					320	350	Good	Fair	High	2. Medium	A1	3.8	2.1	Asymmetric crown shape due to power line clearance. DBH estimated.
2248	Swamp Oak	*Casuarina glauca*	Mature	16	3	300					300	330	Good	Good	Medium	2. Medium	A1	3.6	2.1	Asymmetric crown shape due to power line clearance. DBH estimated.
2249	Swamp Oak	*Casuarina glauca*	Mature	17	3	330					330	360	Good	Fair	High	2. Medium	A1	4.0	2.2	Asymmetric crown shape due to power line clearance. DBH estimated.
2250	Swamp Oak	*Casuarina glauca*	Mature	17	3	450					450	500	Good	Fair	High	3. Short	Z9	5.4	2.5	Damage to base of tree. DBH estimated.
2251	Swamp Oak	*Casuarina glauca*	Mature	18	4	400					400	460	Good	Good	High	1. Long	A1	4.8	2.4	DBH estimated.
2252	Monterey Pine	*Pinus radiata*	Mature	19	5	450					450	500	Good	Good	Medium	2. Medium	Z3	5.4	2.5	Exempt species.
2253	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	17	5	550					550	600	Good	Good	High	1. Long	A1	6.6	2.7	DBH estimated.
2254	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	9	3	260					260	300	Good	Fair	Medium	2. Medium	A1	3.1	2.0	DBH estimated.
2255	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	15	4	450					450	500	Good	Fair	High	2. Medium	A1	5.4	2.5	Notch cut in trunk for fence clearance. DBH estimated.
2256	Mango	*Mangifera indica*	Mature	6	2	250					250	300	Good	Good	Medium	1. Long	Z3	3.0	2.0	Exempt species. DBH estimated.
2257	Canary Palm	*Phoenix canariensis*	Semi-mature	6	2	450					450	NA	Good	Fair	Low	5. Small/Young	Z3	3.0	NA	Exempt species.
2258	Unknown	*Unknown spp*	Mature	8	5	500					500	550	Good	Fair	Medium	2. Medium	A1	6.0	2.6	Multi stem tree. Growing through fence. DBH estimated.
2259	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	2	300					300	300	Good	Fair	Very Low	5. Small/Young	Z3	3.6	2.0	Exempt species. DBH estimated at base.
2260	Unknown	*Unknown spp*	Semi-mature	9	3	250	200				320	400	Good	Fair	Medium	3. Short	Z9	3.8	2.3	Loss of cambium and evidence of decay on stems.
2261	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	None.
2262	Unknown	*Unknown spp*	Young	5	1	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
2263	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	11	5	470					470	500	Good	Good	High	1. Long	A1	5.6	2.5	Canopy extends into corridor.
2264	Weeping Bottlebrush	*Callistemon viminalis*	Mature	7	2	220	140				261	310	Good	Fair	Medium	2. Medium	A1	3.1	2.0	Asymmetric crown shape. Suppressed by adjacent tree.
2265	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	15	7	770					770	850	Good	Good	High	1. Long	A1	9.2	3.1	None.
2266	Bangalay	*Eucalyptus botryoides*	Mature	14	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	None.
2267	Plum Fruited Yew	*Afrocarpus falcatus*	Mature	8	4	500					500	500	Good	Good	Medium	1. Long	A1	6.0	2.5	None.
2268	Common or Black Mulberry	*Morus nigra*	Young	5	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2269	Swamp Mahogany	*Eucalyptus robusta*	Mature	12	6	600					600	660	Good	Fair	High	2. Medium	A1	7.2	2.8	Asymmetric crown shape.
2270	Eucalypt	*Eucalyptus spp*	Semi-mature	6	2	110	110				156	300	Good	Fair	Low	5. Small/Young	Z1	2.0	2.0	Regrowth from stump.
2271	Swamp Mahogany	*Eucalyptus robusta*	Mature	16	8	760					760	890	Good	Good	High	1. Long	A1	9.1	3.2	Asymmetric crown shape.
2272	Swamp Mahogany	*Eucalyptus robusta*	Mature	14	5	480					480	550	Good	Good	High	1. Long	A1	5.8	2.6	Asymmetric crown shape.
2273	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	9	2	500					500	500	Good	Poor	Medium	4. Remove	Z5	6.0	2.5	Regrowth from stump.
2274	Swamp Mahogany	*Eucalyptus robusta*	Mature	14	6	560					560	600	Good	Good	High	1. Long	A1	6.7	2.7	None.
2275	Camphor Laurel	*Cinnamomum camphora*	Mature	12	8	750					750	800	Good	Fair	Medium	2. Medium	A1	9.0	3.0	Pruned away from corridor.
2276	African Olive	*Olea europaea subsp. cuspidata*	Mature	8	2	300					300	300	Good	Fair	Very Low	2. Medium	Z3	3.6	2.0	Exempt species. DBH estimated at base.
2277	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	220	200				297	450	Good	Fair	Medium	2. Medium	A1	3.6	2.4	None.
2278	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200					200	250	Fair	Fair	Low	5. Small/Young	Z1	2.4	1.8	Canopy extends over fence.
2279	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	1	200					200	200	Fair	Poor	Low	4. Remove	Z5	2.4	1.7	Topped.
2280	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	200					200	200	Fair	Fair	Low	5. Small/Young	Z1	2.4	1.7	Significant trunk lean.
2281	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	110					110	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	DBH estimated.
2282	Camphor Laurel	*Cinnamomum camphora*	Mature	10	7	650					650	700	Good	Fair	Medium	2. Medium	A1	7.8	2.8	Pruned away from corridor.
2283	Camphor Laurel	*Cinnamomum camphora*	Mature	10	7	750					750	800	Good	Fair	Medium	1. Long	A1	9.0	3.0	Pruned away from corridor.
2284	African Olive	*Olea europaea subsp. cuspidata*	Semi-mature	5	2	250					250	250	Good	Fair	Very Low	5. Small/Young	Z3	3.0	1.8	Exempt species. DBH estimated at base.
2285	Sweet Pittosporum	*Pittosporum undulatum*	Mature	8	2	200	140				244	320	Good	Fair	Medium	2. Medium	A1	2.9	2.1	None.
2286	African Olive	*Olea europaea subsp. cuspidata*	Mature	8	4	440					440	520	Good	Good	Low	2. Medium	Z3	5.3	2.5	Exempt species.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2287	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	2	200	120				233	350	Good	Fair	Medium	2. Medium	A1	2.8	2.1	DBH estimated.
2288	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	150	150				212	300	Poor	Poor	Low	4. Remove	Z4	2.5	2.0	In advanced stages of decline.
2289	Kurrajong	*Brachychiton populneus*	Mature	6	3	310					310	380	Good	Good	Medium	1. Long	A1	3.7	2.2	None.
2290	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	2	250					250	250	Good	Fair	Very Low	5. Small/Young	Z3	3.0	1.8	Exempt species.
2291	Kurrajong	*Brachychiton populneus*	Semi-mature	5	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
2292	Kurrajong	*Brachychiton populneus*	Mature	6	2	270					270	350	Good	Good	Medium	1. Long	A1	3.2	2.1	None.
2293	Parramatta Wattle	*Acacia parramattensis*	Mature	7	3	300					300	300	Good	Good	Medium	2. Medium	A1	3.6	2.0	DBH estimated.
2294	Parramatta Wattle	*Acacia parramattensis*	Semi-mature	6	3	250					250	250	Good	Fair	Medium	2. Medium	A1	3.0	1.8	Asymmetric crown shape due to adjacent tree. DBH estimated.
2295	Kurrajong	*Brachychiton populneus*	Mature	5	2	400					400	450	Good	Good	Medium	1. Long	A1	4.8	2.4	None.
2296	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	250					250	300	Good	Good	Medium	2. Medium	A1	3.0	2.0	DBH estimated.
2297	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	2	2	300					300	300	Good	Fair	Very Low	5. Small/Young	Z3	3.6	2.0	Exempt species.
2298	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	350					350	350	Fair	Poor	Medium	4. Remove	Z5	4.2	2.1	Failure at base. DBH estimated.
2299	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	300	240				384	420	Good	Good	Medium	1. Long	A1	4.6	2.3	None.
2300	Kurrajong	*Brachychiton populneus*	Mature	6	3	340					340	440	Good	Good	High	1. Long	A1	4.1	2.3	None.
2301	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	220					220	250	Good	Fair	Medium	2. Medium	A1	2.6	1.8	Asymmetric crown shape due to adjacent trees.
2302	Weeping Bottlebrush	*Callistemon viminalis*	Mature	7	3	350	260				436	500	Good	Good	Medium	1. Long	A1	5.2	2.5	None.
2303	Weeping Bottlebrush	*Callistemon viminalis*	Mature	8	4	300	370				476	640	Good	Good	Medium	1. Long	A1	5.7	2.7	None.
2304	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Located behind concrete wall. DBH estimated.
2305	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	400					400	400	Good	Fair	Low	2. Medium	Z3	4.8	2.3	Exempt species.
2306	Weeping Bottlebrush	*Callistemon viminalis*	Mature	9	3	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	None.
2307	Weeping Bottlebrush	*Callistemon viminalis*	Mature	8	2	300					300	350	Good	Fair	Medium	2. Medium	A1	3.6	2.1	Branch failure in crown.
2308	Weeping Bottlebrush	*Callistemon viminalis*	Mature	8	3	430					430	480	Good	Good	High	1. Long	A1	5.2	2.4	None.
G24	Mixed Species	*Mixed spp*	Mature	6	2	200					200	250	Good	Fair	Low	2. Medium	Z3	2.4	1.8	Group of approximately 20 trees. Weed species exempt from protection including African Olive, Camphor Laurel, Privet, Lantana.
2309	African Olive	*Olea europaea subsp. cuspidata*	Mature	4	2	250					250	350	Good	Fair	Very Low	5. Small/Young	Z3	3.0	2.1	Exempt species.
2310	Kurrajong	*Brachychiton populneus*	Mature	6	4	470					470	560	Good	Good	High	1. Long	A1	5.6	2.6	None.
2311	Kurrajong	*Brachychiton populneus*	Mature	6	4	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	None.
2312	African Olive	*Olea europaea subsp. cuspidata*	Mature	5	3	350					350	450	Good	Fair	Low	2. Medium	Z3	4.2	2.4	Exempt species.
2313	Sweet Pittosporum	*Pittosporum undulatum*	Mature	6	2	200	150				250	400	Good	Fair	Medium	3. Short	Z10	3.0	2.3	Suppressed by adjacent trees.
2314	London Plane	*Platanus x hispanica*	Semi-mature	8	2	200					200	200	Good	Fair	Medium	2. Medium	A1	2.4	1.7	DBH estimated.
2315	London Plane	*Platanus x hispanica*	Semi-mature	9	2	220					220	250	Good	Fair	Medium	2. Medium	A1	2.6	1.8	DBH estimated.
2316	London Plane	*Platanus x hispanica*	Semi-mature	8	2	120	100				156	300	Good	Fair	Medium	3. Short	Z10	2.0	2.0	Suppressed by adjacent trees. DBH estimated.
2317	London Plane	*Platanus x hispanica*	Mature	10	6	550					550	600	Good	Good	Medium	1. Long	A1	6.6	2.7	DBH estimated.
2318	London Plane	*Platanus x hispanica*	Semi-mature	7	3	300	200				361	500	Good	Fair	Medium	2. Medium	A1	4.3	2.5	DBH estimated.
2319	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	120	100				156	200	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.7	Exempt species.
2320	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	200					200	200	Good	Fair	Very Low	5. Small/Young	Z3	2.4	1.7	Exempt species.
2321	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	6	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Multi stem.
2322	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	1200					1200	1200	Good	Fair	Low	2. Medium	Z3	14.4	3.6	Exempt species. Multi stem, DBH estimated at base.
2323	Bamboo	*Bambusa spp*	Mature	5	2	450					450	NA	Good	Fair	Very Low	5. Small/Young	Z3	3.0	NA	Exempt species. Bamboo
2324	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	200					200	220	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	DBH estimated.
2325	Sydney Golden Wattle	*Acacia longifolia*	Mature	9	3	300					300	350	Good	Good	Medium	2. Medium	A1	3.6	2.1	DBH estimated.
2326	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	DBH estimated.
2327	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	3	260					260	300	Good	Fair	Medium	2. Medium	A1	3.1	2.0	None.
2328	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	2	1	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2329	Water Gum	*Tristaniopsis laurina*	Mature	7	2	300					300	350	Good	Good	Medium	2. Medium	A1	3.6	2.1	None.
2330	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	1	150					150	180	Good	Fair	Low	5. Small/Young	Z3	2.0	1.6	Exempt species.
2331	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	8	2	120	100				156	250	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	None.
2332	Swamp Oak	*Casuarina glauca*	Semi-mature	5	1	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Suppressed by adjacent trees.
2333	Swamp Oak	*Casuarina glauca*	Mature	14	2	260					260	330	Good	Good	Medium	1. Long	A1	3.1	2.1	None.
2334	Swamp Oak	*Casuarina glauca*	Mature	16	4	390					390	650	Good	Good	High	1. Long	A1	4.7	2.8	None.
2335	Swamp Oak	*Casuarina glauca*	Mature	12	4	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	None.
2336	Coastal Tea Tree	*Leptospermum laevigatum*	Semi-mature	4	2	200	100				224	300	Good	Fair	Low	5. Small/Young	Z1	2.7	2.0	None.
2337	Swamp Oak	*Casuarina glauca*	Semi-mature	6	2	140					140	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2338	Coastal Tea Tree	*Leptospermum laevigatum*	Semi-mature	3	1	40	50	80			102	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2339	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	200					200	280	Good	Good	Medium	1. Long	A1	2.4	1.9	None.
2340	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	120					120	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2341	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	120					120	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
2342	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	120					120	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2343	Tallowood	*Eucalyptus microcorys*	Mature	18	5	490					490	550	Good	Good	High	1. Long	A1	5.9	2.6	Co-dominant stems at 5m.
2344	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	150	170				227	300	Good	Good	Medium	2. Medium	A1	2.7	2.0	None.
2345	Weeping Bottlebrush	*Callistemon viminalis*	Mature	7	2	240					240	280	Good	Good	Medium	2. Medium	A1	2.9	1.9	None.
2346	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2347	Weeping Bottlebrush	*Callistemon viminalis*	Young	2	1	100					100	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2348	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	150	170				227	320	Good	Fair	Medium	2. Medium	A1	2.7	2.1	Asymmetric crown shape.
2349	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2350	Tallowood	*Eucalyptus microcorys*	Mature	18	5	460					460	550	Good	Good	High	1. Long	A1	5.5	2.6	None.
2351	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
2352	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2353	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	50	100				112	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2354	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	100	80				128	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2355	Tallowood	*Eucalyptus microcorys*	Mature	17	4	370					370	450	Good	Good	High	1. Long	A1	4.4	2.4	None.
2356	Silky Oak	*Grevillea robusta*	Mature	9	3	250					250	300	Good	Fair	Medium	3. Short	Z10	3.0	2.0	Poor overall form.
2357	Weeping Bottlebrush	*Callistemon viminalis*	Young	2	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2358	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2359	Tallowood	*Eucalyptus microcorys*	Mature	20	5	440					440	550	Good	Good	High	1. Long	A1	5.3	2.6	None.
2360	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	160	140	140			255	350	Good	Fair	Medium	2. Medium	A1	3.1	2.1	None.
2361	Tallowood	*Eucalyptus microcorys*	Mature	22	6	650					650	800	Good	Good	High	1. Long	A1	7.8	3.0	None.
2362	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	2	150					150	180	Good	Fair	Medium	2. Medium	A1	2.0	1.6	None.
2363	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	2	200					200	220	Good	Fair	Medium	2. Medium	A1	2.4	1.8	None.
2364	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	7	2	160					160	200	Good	Fair	Medium	2. Medium	A1	2.0	1.7	Asymmetric crown shape.
2365	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	1	140					140	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Asymmetric crown shape.
2366	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	2	120	160				200	280	Good	Fair	Medium	2. Medium	A1	2.4	1.9	Asymmetric crown shape.
2367	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	110					110	130	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
2368	Tallowood	*Eucalyptus microcorys*	Mature	18	6	630					630	780	Good	Good	High	1. Long	A1	7.6	3.0	None.
2369	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	160					160	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Canopy extends into corridor.
2370	Spotted Gum	*Corymbia maculata*	Semi-mature	16	3	290					290	350	Good	Good	Medium	1. Long	A1	3.5	2.1	None.
2371	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	2	160					160	200	Good	Good	Medium	1. Long	A1	2.0	1.7	Located within corridor.
2372	Sweet Pittosporum	*Pittosporum undulatum*	Young	4	1	100	100				141	300	Good	Fair	Low	5. Small/Young	Z1	2.0	2.0	Located within corridor.
2373	Parramatta Wattle	*Acacia parramattensis*	Semi-mature	5	2	80	100				128	220	Fair	Fair	Low	3. Short	Z4	2.0	1.8	Located within corridor. Low foliage density for species. In decline.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2374	Parramatta Wattle	*Acacia parramattensis*	Young	5	1	100					100	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2375	Parramatta Wattle	*Acacia parramattensis*	Young	5	1	110					110	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2376	Parramatta Wattle	*Acacia parramattensis*	Young	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2377	Weeping Bottlebrush	*Callistemon viminalis*	Mature	9	3	180	180	180	150	160	381	750	Good	Good	High	1. Long	A1	4.6	2.9	Visually prominent.
2378	Tallowood	*Eucalyptus microcorys*	Mature	13	3	330					330	500	Good	Good	High	1. Long	A1	4.0	2.5	Canopy extends into corridor.
2379	Lemon Scented Gum	*Corymbia citriodora*	Mature	18	5	250	220				333	420	Good	Good	High	1. Long	A1	4.0	2.3	Co-dominant stems.
2380	Tallowood	*Eucalyptus microcorys*	Mature	9	4	220	240				326	380	Good	Good	Medium	1. Long	A1	3.9	2.2	None.
2381	Lemon Scented Gum	*Corymbia citriodora*	Mature	19	4	360					360	430	Good	Good	High	1. Long	A1	4.3	2.3	None.
2382	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	220					220	250	Good	Good	Medium	1. Long	A1	2.6	1.8	None.
2383	Lemon Scented Gum	*Corymbia citriodora*	Mature	18	4	380					380	430	Good	Good	High	1. Long	A1	4.6	2.3	Heaving of surface roots at base. Appears stable.
2384	Tallowood	*Eucalyptus microcorys*	Semi-mature	5	3	220	160				272	300	Good	Good	Medium	1. Long	A1	3.3	2.0	Canopy extends into corridor.
2385	Robinia	*Robinia pseudoacacia*	Mature	8	2	180					180	220	Good	Fair	Low	2. Medium	Z3	2.2	1.8	Exempt species. Located within corridor.
2386	Robinia	*Robinia pseudoacacia*	Mature	8	2	200	160				256	350	Fair	Fair	Low	3. Short	Z3	3.1	2.1	Exempt species. Located within corridor.
2387	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	2	400					400	400	Good	Fair	Very Low	2. Medium	Z3	4.8	2.3	Exempt species. Located within corridor. DBH estimated at base.
2388	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	2	150	150				212	300	Good	Fair	Low	5. Small/Young	Z1	2.5	2.0	Located within corridor. DBH estimated.
2389	Tallowood	*Eucalyptus microcorys*	Mature	12	5	480					480	600	Good	Good	High	1. Long	A1	5.8	2.7	None.
2390	Tallowood	*Eucalyptus microcorys*	Mature	9	3	360	180				402	440	Good	Good	High	1. Long	A1	4.8	2.3	None.
2391	Sydney Blue Gum	*Eucalyptus saligna*	Mature	18	7	450	180	300			570	700	Good	Good	High	1. Long	A1	6.8	2.8	Co-dominant stems with tight union.
2392	Sydney Blue Gum	*Eucalyptus saligna*	Mature	22	9	850					850	990	Good	Good	High	1. Long	A1	10.2	3.3	Trunk wound to North with good response growth.
2393	Sydney Blue Gum	*Eucalyptus saligna*	Mature	18	9	500	780				926	1200	Good	Good	Very High	1. Long	A1	11.1	3.6	Co-dominant stems.
2394	Silky Oak	*Grevillea robusta*	Mature	14	3	350					350	400	Poor	Poor	Medium	4. Remove	Z4	4.2	2.3	In advanced stages of decline.
2395	Sydney Blue Gum	*Eucalyptus saligna*	Mature	20	9	1100					1100	1200	Fair	Fair	Very High	3. Short	Z9	13.2	3.6	Epicormic growth through crown. Large cambium wounds on primary branches to North. Tree could potentially be retained through reduction pruning.
2396	Camphor Laurel	*Cinnamomum camphora*	Mature	9	5	150	300	400			522	800	Good	Fair	Medium	2. Medium	Z3	6.3	3.0	Exempt species. Located within corridor.
2397	Snow In Summer	*Melaleuca linarifolia*	Mature	6	2	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	None.
2398	Forest Red Gum	*Eucalyptus tereticornis*	Mature	20	6	640	320				716	1020	Good	Good	Very High	1. Long	A1	8.6	3.3	None.
2399	Rhus	*Toxicodendron succedaneum*	Mature	7	2	200					200	250	Good	Fair	Very Low	2. Medium	Z3	2.4	1.8	Exempt species. Located within corridor.
2400	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	250					250	300	Good	Fair	Very Low	2. Medium	Z3	3.0	2.0	Exempt species. Located within corridor.
2401	Forest Red Gum	*Eucalyptus tereticornis*	Mature	22	9	560	600				821	1180	Good	Good	Very High	1. Long	A1	9.8	3.5	Co-dominant stems with good form to union.
2402	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	6	2	260					260	300	Good	Fair	Medium	2. Medium	A1	3.1	2.0	Located within corridor.
2403	Snow In Summer	*Melaleuca linarifolia*	Mature	11	4	650					650	700	Good	Fair	High	2. Medium	A1	7.8	2.8	Located directly adjacent to fence.
2404	Callitris	*Callitris spp*	Mature	5	3	300					300	300	Good	Fair	Low	3. Short	Z10	3.6	2.0	Located within corridor. Poor overall form.
2405	Camphor Laurel	*Cinnamomum camphora*	Young	5	1	100	100				141	200	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. Exempt species.
2406	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	7	2	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	Located within corridor.
2407	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	6	2	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	Located within corridor.
2408	Snow In Summer	*Melaleuca linarifolia*	Mature	10	4	400					400	400	Good	Good	High	1. Long	A1	4.8	2.3	Located within corridor.
2409	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	6	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Located within corridor. Asymmetric crown shape.
2410	Silky Oak	*Grevillea robusta*	Semi-mature	12	2	160					160	180	Good	Good	Medium	2. Medium	A1	2.0	1.6	Located within corridor.
2411	Tallowood	*Eucalyptus microcorys*	Mature	16	4	400					400	450	Good	Fair	High	2. Medium	A1	4.8	2.4	Asymmetric crown shape.
2412	Tallowood	*Eucalyptus microcorys*	Mature	18	4	400					400	480	Good	Good	High	1. Long	A1	4.8	2.4	None.
2413	Tallowood	*Eucalyptus microcorys*	Mature	18	4	380					380	420	Good	Good	High	1. Long	A1	4.6	2.3	None.
2414	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	8	2	280					280	300	Good	Good	Medium	1. Long	A1	3.4	2.0	Located within corridor.
2415	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	7	2	150	150				212	300	Good	Fair	Medium	2. Medium	A1	2.5	2.0	Located within corridor. Co-dominant stems.
2416	Tallowood	*Eucalyptus microcorys*	Mature	15	4	350					350	400	Good	Fair	High	2. Medium	A1	4.2	2.3	Asymmetric crown shape. Co-dominant stems at 6m.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2417	Tallowood	*Eucalyptus microcorys*	Mature	16	4	350					350	390	Good	Fair	High	3. Short	Z9	4.2	2.2	Co-dominant stems with tight union, rubbing branches and bark inclusion.
2418	Snow In Summer	*Melaleuca linarifolia*	Mature	7	2	300					300	380	Good	Good	Medium	1. Long	A1	3.6	2.2	Located within corridor.
2419	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	5	2	140					140	180	Good	Fair	Medium	5. Small/Young	Z1	2.0	1.6	Located within corridor.
2420	Snow In Summer	*Melaleuca linarifolia*	Mature	8	3	300					300	380	Good	Good	Medium	1. Long	A1	3.6	2.2	Located within corridor.
2421	Snow In Summer	*Melaleuca linarifolia*	Young	5	2	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2422	Tallowood	*Eucalyptus microcorys*	Mature	13	4	420					420	450	Good	Fair	High	3. Short	Z9	5.0	2.4	Girdling roots. Co-dominant stems with included bark. Topped upper crown.
2423	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	6	1	150					150	160	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2424	Parramatta Wattle	*Acacia parramattensis*	Mature	6	2	180					180	200	Good	Fair	Low	3. Short	Z10	2.2	1.7	Located within corridor. Trunk lean.
2425	Wattle	*Acacia spp*	Semi-mature	5	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Multi stem tree. DBH measured at base.
2426	Tallowood	*Eucalyptus microcorys*	Mature	16	6	480					480	520	Good	Good	High	1. Long	A1	5.8	2.5	None.
2427	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	6	2	240					240	290	Good	Good	Medium	1. Long	A1	2.9	2.0	Located within corridor.
2428	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	3	270					270	300	Good	Good	Medium	1. Long	A1	3.2	2.0	None.
2429	Tallowood	*Eucalyptus microcorys*	Mature	12	3	330					330	360	Good	Good	High	1. Long	A1	4.0	2.2	None.
2430	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	160					160	210	Poor	Fair	Medium	4. Remove	Z4	2.0	1.7	Significant apical dieback. Tree in advanced stages of decline.
2431	Tallowood	*Eucalyptus microcorys*	Mature	15	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	None.
2432	Swamp Oak	*Casuarina glauca*	Semi-mature	9	2	180					180	220	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within corridor.
2433	Tallowood	*Eucalyptus microcorys*	Semi-mature	12	3	240					240	280	Good	Good	Medium	1. Long	A1	2.9	1.9	None.
2434	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2435	Swamp Oak	*Casuarina glauca*	Dead	10	1	200					200	220	Dead	Poor	Medium	4. Remove	Z4	2.4	1.8	Dead tree.
2436	Swamp Oak	*Casuarina glauca*	Dead	10	1	220					220	250	Dead	Poor	Medium	4. Remove	Z4	2.6	1.8	Dead tree.
2437	Swamp Oak	*Casuarina glauca*	Dead	11	1	150					150	200	Dead	Poor	Low	4. Remove	Z4	2.0	1.7	Dead tree.
2438	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	120					120	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2439	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	230					230	250	Good	Fair	Medium	2. Medium	A1	2.8	1.8	Asymmetric crown shape.
2440	Swamp Oak	*Casuarina glauca*	Dead	13	3	300					300	380	Dead	Poor	Medium	4. Remove	Z4	3.6	2.2	Dead tree.
2441	Swamp Oak	*Casuarina glauca*	Dead	9	1	110					110	130	Dead	Poor	Low	4. Remove	Z4	2.0	1.5	Dead tree.
2442	River She Oak	*Casuarina cunninghamiana*	Mature	10	2	220					220	280	Good	Fair	Medium	2. Medium	A1	2.6	1.9	Located within corridor. Tight unions.
2443	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	1	120					120	150	Good	Fair	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2444	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	1	160					160	180	Good	Fair	Medium	2. Medium	A1	2.0	1.6	Located within corridor.
2445	River She Oak	*Casuarina cunninghamiana*	Semi-mature	8	1	120					120	150	Good	Fair	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2446	River She Oak	*Casuarina cunninghamiana*	Mature	10	2	240					240	260	Good	Fair	Medium	2. Medium	A1	2.9	1.9	Located within corridor.
2447	River She Oak	*Casuarina cunninghamiana*	Semi-mature	8	1	110					110	120	Good	Fair	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2448	River She Oak	*Casuarina cunninghamiana*	Mature	15	5	570					570	650	Good	Fair	High	2. Medium	A2	6.8	2.8	Significant cambium damage to South side of trunk to 9m. Relatively good response growth adjacent to wound.
2449	Swamp Oak	*Casuarina glauca*	Semi-mature	10	1	160					160	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2450	Swamp Oak	*Casuarina glauca*	Mature	10	2	240					240	280	Good	Good	Medium	1. Long	A1	2.9	1.9	Located within corridor.
2451	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	140					140	160	Good	Good	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2452	Swamp Oak	*Casuarina glauca*	Semi-mature	7	1	110					110	120	Good	Fair	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2453	Swamp Oak	*Casuarina glauca*	Dead	7	1	130					130	140	Dead	Poor	Low	4. Remove	Z4	2.0	1.5	Dead tree.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2454	River She Oak	*Casuarina cunninghamiana*	Mature	2	2	300					300	370	Good	Fair	Medium	2. Medium	A1	3.6	2.2	Located within corridor.
2455	River She Oak	*Casuarina cunninghamiana*	Young	6	1	100					100	120	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2456	Swamp Oak	*Casuarina glauca*	Mature	14	2	240					240	310	Good	Good	Medium	1. Long	A1	2.9	2.0	None.
2457	Swamp Oak	*Casuarina glauca*	Dead	10	1	180					180	200	Dead	Poor	Low	4. Remove	Z4	2.2	1.7	Dead tree.
2458	River She Oak	*Casuarina cunninghamiana*	Young	6	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2459	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	220					220	280	Good	Good	Medium	1. Long	A1	2.6	1.9	None.
2460	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2461	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	2	250					250	320	Good	Good	Medium	1. Long	A1	3.0	2.1	Located within corridor.
2462	Swamp Oak	*Casuarina glauca*	Dead	10	1	250					250	280	Dead	Poor	Medium	4. Remove	Z4	3.0	1.9	Dead tree.
2463	River She Oak	*Casuarina cunninghamiana*	Semi-mature	11	2	220					220	320	Good	Fair	Medium	3. Short	Z10	2.6	2.1	Asymmetric crown shape. Located within corridor.
2464	Swamp Oak	*Casuarina glauca*	Mature	15	3	360					360	480	Good	Good	High	1. Long	A1	4.3	2.4	None.
2465	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	2	220					220	260	Good	Good	Medium	1. Long	A1	2.6	1.9	Located within corridor.
2466	Swamp Oak	*Casuarina glauca*	Mature	14	3	290					290	330	Good	Good	Medium	1. Long	A1	3.5	2.1	None.
2467	Swamp Oak	*Casuarina glauca*	Semi-mature	12	1	170					170	250	Good	Fair	Medium	2. Medium	A1	2.0	1.8	Low LCR.
2468	Swamp Oak	*Casuarina glauca*	Mature	14	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	None.
2469	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	200					200	250	Good	Good	Medium	2. Medium	A1	2.4	1.8	Located within corridor.
2470	Parramatta Wattle	*Acacia parramattensis*	Mature	11	2	220					220	250	Good	Good	Medium	2. Medium	A1	2.6	1.8	Located within corridor.
2471	Chinese Hackberry	*Celtis sinensis*	Semi-mature	5	1	100					100	180	Good	Fair	Low	5. Small/Young	Z3	2.0	1.6	Located within corridor. Exempt species.
2472	Swamp Oak	*Casuarina glauca*	Mature	12	3	320					320	380	Good	Good	High	1. Long	A1	3.8	2.2	None.
2473	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	250					250	340	Good	Fair	Medium	3. Short	Z9	3.0	2.1	Cambium damage to south side of trunk.
2474	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	160					160	210	Good	Fair	Medium	2. Medium	A1	2.0	1.7	Asymmetric crown shape.
2475	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	250					250	320	Good	Good	Medium	1. Long	A1	3.0	2.1	None.
2476	Swamp Oak	*Casuarina glauca*	Mature	14	2	340					340	420	Good	Fair	High	2. Medium	A1	4.1	2.3	Co-dominant stems with tight union.
2477	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	2	260					260	330	Good	Good	Medium	1. Long	A1	3.1	2.1	Located within corridor.
2478	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	150					150	190	Good	Fair	Medium	2. Medium	A1	2.0	1.6	Asymmetric crown shape.
2479	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	240					240	320	Good	Good	Medium	1. Long	A1	2.9	2.1	None.
2480	River She Oak	*Casuarina cunninghamiana*	Semi-mature	8	2	160					160	210	Good	Fair	Medium	2. Medium	A1	2.0	1.7	Located within corridor. Co-dominant stems.
2481	Swamp Oak	*Casuarina glauca*	Mature	14	3	310					310	380	Good	Good	High	1. Long	A1	3.7	2.2	None.
2482	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	260					260	350	Good	Good	Medium	1. Long	A1	3.1	2.1	None.
2483	Swamp Oak	*Casuarina glauca*	Mature	14	3	330					330	480	Good	Good	High	1. Long	A1	4.0	2.4	None.
2484	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	10	2	200					200	260	Good	Good	Medium	1. Long	A1	2.4	1.9	None.
2485	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	13	3	270					270	330	Good	Good	Medium	1. Long	A1	3.2	2.1	None.
2486	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	1	200					200	200	Good	Fair	Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. Exempt species. DBH estimated at base.
2487	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	11	3	280					280	340	Good	Good	Medium	1. Long	A1	3.4	2.1	None.
2488	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	10	3	270					270	310	Good	Good	Medium	1. Long	A1	3.2	2.0	None.
2489	Swamp Oak	*Casuarina glauca*	Mature	14	3	320					320	410	Good	Good	High	1. Long	A1	3.8	2.3	None.
2490	Swamp Oak	*Casuarina glauca*	Mature	14	3	310					310	380	Good	Good	High	1. Long	A1	3.7	2.2	None.
2491	Swamp Oak	*Casuarina glauca*	Semi-mature	14	1	180					180	210	Good	Good	Medium	1. Long	A1	2.2	1.7	None.
2492	Swamp Oak	*Casuarina glauca*	Mature	14	3	290					290	350	Good	Good	Medium	1. Long	A1	3.5	2.1	None.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2493	Swamp Oak	*Casuarina glauca*	Young	7	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2494	River She Oak	*Casuarina cunninghamiana*	Semi-mature	8	1	180					180	210	Good	Good	Medium	1. Long	A1	2.2	1.7	None.
2495	Swamp Oak	*Casuarina glauca*	Mature	16	2	300					300	450	Good	Good	High	1. Long	A1	3.6	2.4	None.
2496	Swamp Oak	*Casuarina glauca*	Semi-mature	12	1	160					160	280	Good	Fair	Medium	2. Medium	A1	2.0	1.9	Asymmetric crown shape.
2497	Swamp Oak	*Casuarina glauca*	Semi-mature	12	2	280					280	340	Good	Good	Medium	2. Medium	A1	3.4	2.1	Asymmetric crown shape.
2498	Swamp Oak	*Casuarina glauca*	Semi-mature	15	1	210					210	260	Good	Good	Medium	1. Long	A1	2.5	1.9	None.
2499	Swamp Mahogany	*Eucalyptus robusta*	Dead	10	1	200					200	250	Dead	Poor	Low	4. Remove	Z4	2.4	1.8	Dead tree leaning on fence.
2500	Swamp Oak	*Casuarina glauca*	Young	5	1	110					110	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2501	Swamp Oak	*Casuarina glauca*	Semi-mature	16	2	220					220	280	Good	Good	Medium	1. Long	A1	2.6	1.9	None.
2502	Swamp Oak	*Casuarina glauca*	Mature	14	3	320					320	460	Good	Good	High	1. Long	A1	3.8	2.4	None.
2503	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	250					250	320	Good	Good	Medium	1. Long	A1	3.0	2.1	None.
2504	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	190					190	230	Good	Fair	Medium	3. Short	Z9	2.3	1.8	Co-dominant stems with included bark.
2505	Swamp Oak	*Casuarina glauca*	Semi-mature	16	2	230					230	290	Good	Good	Medium	1. Long	A1	2.8	2.0	None.
2506	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2507	River She Oak	*Casuarina cunninghamiana*	Young	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2508	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	240					240	310	Good	Good	Medium	1. Long	A1	2.9	2.0	None.
2509	Swamp Oak	*Casuarina glauca*	Mature	14	3	300					300	360	Good	Fair	Medium	2. Medium	A1	3.6	2.2	Irregular branch structure.
2510	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	1	150					150	200	Good	Good	Medium	1. Long	A1	2.0	1.7	Located within corridor.
2511	Swamp Oak	*Casuarina glauca*	Semi-mature	14	2	200					200	280	Good	Good	Medium	1. Long	A1	2.4	1.9	None.
2512	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	280					280	350	Good	Good	Medium	1. Long	A1	3.4	2.1	Asymmetric crown shape.
2513	Turpentine	*Syncarpia glomulifera*	Young	6	1	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2514	Swamp Oak	*Casuarina glauca*	Semi-mature	14	2	230					230	350	Good	Good	Medium	1. Long	A1	2.8	2.1	None.
2515	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	6	1	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
2516	Swamp Oak	*Casuarina glauca*	Mature	14	3	260					260	360	Good	Good	Medium	1. Long	A1	3.1	2.2	None.
2517	Turpentine	*Syncarpia glomulifera*	Semi-mature	9	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2518	Swamp Oak	*Casuarina glauca*	Semi-mature	15	3	280					280	320	Good	Fair	Medium	3. Short	Z9	3.4	2.1	Co-dominant stems with included bark.
2519	Swamp Oak	*Casuarina glauca*	Semi-mature	12	2	200					200	260	Good	Fair	Medium	1. Long	A1	2.4	1.9	Located within corridor.
2520	Swamp Oak	*Casuarina glauca*	Mature	16	2	320					320	390	Good	Good	High	1. Long	A1	3.8	2.2	None.
2521	Turpentine	*Syncarpia glomulifera*	Semi-mature	7	1	120					120	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2522	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	1	100	100				141	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. Exempt species.
2523	Swamp Oak	*Casuarina glauca*	Dead	10	2	150	150				212	210	Dead	Poor	Medium	4. Remove	Z4	2.5	1.7	Dead tree.
2524	Swamp Oak	*Casuarina glauca*	Dead	10	2	200					200	240	Dead	Poor	Medium	4. Remove	Z4	2.4	1.8	Dead tree.
2525	Turpentine	*Syncarpia glomulifera*	Young	5	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2526	Swamp Oak	*Casuarina glauca*	Semi-mature	9	2	200					200	250	Fair	Fair	Medium	3. Short	Z4	2.4	1.8	Low foliage density for species with apical dieback. Early stages of decline.
2527	River She Oak	*Casuarina cunninghamiana*	Semi-mature	7	1	110					110	140	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2528	Swamp Oak	*Casuarina glauca*	Mature	18	6	580					580	680	Good	Good	High	1. Long	A1	7.0	2.8	None.
2529	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	200					200	240	Fair	Fair	Medium	3. Short	Z4	2.4	1.8	Apical dieback. Early stages of decline.
2530	Swamp Oak	*Casuarina glauca*	Semi-mature	14	2	230					230	300	Good	Good	Medium	1. Long	A1	2.8	2.0	None.
2531	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	9	2	180					180	220	Good	Fair	Medium	3. Short	Z10	2.2	1.8	Asymmetric crown shape with poor form.
2532	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	14	2	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	None.
2533	Swamp Oak	*Casuarina glauca*	Mature	15	4	350					350	450	Good	Good	High	1. Long	A1	4.2	2.4	None.
2534	Swamp Oak	*Casuarina glauca*	Semi-mature	12	2	270					270	350	Good	Good	Medium	1. Long	A1	3.2	2.1	None.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2535	Swamp Oak	*Casuarina glauca*	Semi-mature	12	2	150					150	180	Good	Fair	Medium	1. Long	A1	2.0	1.6	None.
2536	Swamp Oak	*Casuarina glauca*	Mature	16	3	310					310	350	Good	Good	High	1. Long	A1	3.7	2.1	None.
2537	Swamp Oak	*Casuarina glauca*	Mature	17	3	310					310	380	Good	Good	High	1. Long	A1	3.7	2.2	None.
2538	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	250					250	250	Good	Fair	Very Low	5. Small/Young	Z3	3.0	1.8	Located within corridor. Exempt species.
2539	Swamp Oak	*Casuarina glauca*	Semi-mature	16	3	250					250	300	Good	Good	Medium	1. Long	A1	3.0	2.0	None.
2540	Swamp Oak	*Casuarina glauca*	Mature	14	3	330					330	390	Good	Good	High	1. Long	A1	4.0	2.2	None.
2541	Swamp Oak	*Casuarina glauca*	Semi-mature	16	2	260					260	290	Good	Good	Medium	1. Long	A1	3.1	2.0	None.
2542	Swamp Oak	*Casuarina glauca*	Semi-mature	14	2	210					210	350	Good	Good	Medium	2. Medium	A1	2.5	2.1	Located within corridor.
2543	Silky Oak	*Grevillea robusta*	Semi-mature	9	2	120					120	210	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor. Adjacent to fence.
2544	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	100					100	130	Good	Good	Medium	1. Long	A1	2.0	1.5	None.
2545	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	120					120	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2546	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	200					200	260	Good	Fair	Medium	2. Medium	A1	2.4	1.9	Located within corridor. Trunk lean over fence.
2547	Swamp Oak	*Casuarina glauca*	Mature	15	2	250					250	400	Good	Good	Medium	1. Long	A1	3.0	2.3	Located within corridor.
2548	Swamp Oak	*Casuarina glauca*	Semi-mature	13	2	200					200	280	Good	Good	Medium	1. Long	A1	2.4	1.9	Located within corridor.
2549	Swamp Oak	*Casuarina glauca*	Semi-mature	12	2	180					180	250	Good	Good	Medium	1. Long	A1	2.2	1.8	None.
2550	Swamp Oak	*Casuarina glauca*	Young	5	2	100					100	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2551	Swamp Oak	*Casuarina glauca*	Mature	16	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Located within corridor.
2552	Swamp Oak	*Casuarina glauca*	Semi-mature	14	2	220					220	280	Good	Good	Medium	1. Long	A1	2.6	1.9	Located within corridor.
2553	Swamp Oak	*Casuarina glauca*	Young	6	1	80					80	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Directly adjacent to fence.
2554	Swamp Oak	*Casuarina glauca*	Semi-mature	14	2	270					270	310	Good	Fair	Medium	2. Medium	A1	3.2	2.0	Large vertical seam running from base to 3m. Relatively good response growth adjacent to wound.
2555	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	200					200	300	Good	Good	Medium	1. Long	A1	2.4	2.0	Located within corridor.
2556	Swamp Oak	*Casuarina glauca*	Mature	17	4	360					360	420	Good	Good	High	1. Long	A1	4.3	2.3	None.
2557	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	150					150	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2558	Swamp Oak	*Casuarina glauca*	Semi-mature	6	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2559	Swamp Mahogany	*Eucalyptus robusta*	Mature	12	4	370					370	440	Good	Good	High	1. Long	A1	4.4	2.3	None.
2560	Swamp Oak	*Casuarina glauca*	Semi-mature	8	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2561	Swamp Mahogany	*Eucalyptus robusta*	Semi-mature	12	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
2562	Swamp Oak	*Casuarina glauca*	Mature	17	3	320					320	410	Good	Good	High	1. Long	A1	3.8	2.3	None.
2563	Swamp Oak	*Casuarina glauca*	Mature	16	3	300					300	380	Good	Good	High	1. Long	A1	3.6	2.2	None.
2564	Swamp Oak	*Casuarina glauca*	Mature	18	3	300					300	400	Good	Good	High	1. Long	A1	3.6	2.3	None.
2565	Swamp Oak	*Casuarina glauca*	Semi-mature	8	1	160					160	210	Good	Good	Medium	1. Long	A1	2.0	1.7	None.
2566	Swamp Oak	*Casuarina glauca*	Mature	16	3	320					320	380	Good	Fair	Medium	2. Medium	A1	3.8	2.2	Wound on south side of trunk with relatively good response growth.
2567	Swamp Oak	*Casuarina glauca*	Semi-mature	14	2	270					270	390	Good	Good	Medium	1. Long	A1	3.2	2.2	None.
2568	Common or Black Mulberry	*Morus nigra*	Semi-mature	6	1	150					150	180	Good	Fair	Low	5. Small/Young	Z3	2.0	1.6	Located within corridor. Exempt species.
2569	Swamp Oak	*Casuarina glauca*	Mature	17	3	330					330	400	Good	Good	High	1. Long	A1	4.0	2.3	None.
2570	Parramatta Wattle	*Acacia parramattensis*	Mature	9	2	200					200	240	Fair	Fair	Medium	3. Short	Z4	2.4	1.8	Apical dieback. Early stages of decline.
2571	Swamp Oak	*Casuarina glauca*	Semi-mature	9	2	110	110				156	250	Good	Good	Medium	2. Medium	A1	2.0	1.8	Located within corridor. Co-dominant stems.
2572	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	210					210	260	Good	Good	Medium	1. Long	A1	2.5	1.9	Located within corridor.
2573	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	160					160	210	Good	Fair	Medium	2. Medium	A2	2.0	1.7	Previous failure in crown with epicormic growth and irregular branch structure.
2574	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	120					120	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2575	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	120					120	160	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2576	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	120					120	160	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2577	Swamp Oak	*Casuarina glauca*	Mature	15	5	550					550	700	Good	Poor	High	4. Remove	Z5	6.6	2.8	Significant decay column on South side of trunk from base to 6m. Multiple previous failures. Tree appears structurally compromised.
2578	Swamp Oak	*Casuarina glauca*	Semi-mature	12	2	120	110				163	280	Good	Fair	Medium	2. Medium	A1	2.0	1.9	Co-dominant stems.
2579	Swamp Oak	*Casuarina glauca*	Mature	17	4	310	300				431	580	Good	Fair	High	2. Medium	A1	5.2	2.6	Co-dominant stems at 1m with bark inclusion.
2580	Swamp Oak	*Casuarina glauca*	Semi-mature	15	3	280					280	380	Good	Good	Medium	1. Long	A1	3.4	2.2	None.
2581	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	280					280	340	Good	Good	Medium	1. Long	A1	3.4	2.1	None.
2582	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	290					290	320	Good	Good	Medium	1. Long	A1	3.5	2.1	None.
2583	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	150					150	220	Good	Fair	Medium	1. Long	A1	2.0	1.8	Located within corridor.
2584	Swamp Oak	*Casuarina glauca*	Semi-mature	16	3	280					280	350	Good	Good	Medium	1. Long	A1	3.4	2.1	None.
2585	Swamp Oak	*Casuarina glauca*	Mature	18	4	440					440	520	Good	Good	High	1. Long	A1	5.3	2.5	Trunk wound to north at 2m with relatively good response growth.
2586	Swamp Oak	*Casuarina glauca*	Mature	17	2	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	None.
2587	Swamp Oak	*Casuarina glauca*	Mature	18	4	400					400	510	Good	Good	High	1. Long	A1	4.8	2.5	Located within corridor.
2588	Swamp Oak	*Casuarina glauca*	Semi-mature	15	1	180					180	240	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within corridor.
2589	Swamp Oak	*Casuarina glauca*	Semi-mature	15	1	180					180	230	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within corridor.
2590	Swamp Mahogany	*Eucalyptus robusta*	Mature	12	4	370					370	420	Fair	Good	High	2. Medium	A2	4.4	2.3	Low foliage density for species. Monitor health.
2591	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	130	65				145	200	Good	Fair	Medium	2. Medium	A1	2.0	1.7	Multi stem.
2592	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	120	130	100			203	240	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Multi stem.
2593	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	2	150					150	180	Good	Fair	Medium	2. Medium	A1	2.0	1.6	None.
2594	Swamp Oak	*Casuarina glauca*	Semi-mature	5	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Vine cover through crown.
2595	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	1	120					120	160	Good	Fair	Medium	2. Medium	A1	2.0	1.5	None.
2596	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	1	140					140	180	Good	Fair	Medium	2. Medium	A1	2.0	1.6	None.
2597	Swamp Oak	*Casuarina glauca*	Semi-mature	5	1	100					100	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2598	Tallowood	*Eucalyptus microcorys*	Mature	19	6	510					510	680	Good	Good	High	1. Long	A1	6.1	2.8	None.
2599	Swamp Oak	*Casuarina glauca*	Semi-mature	5	1	100					100	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2600	Wattle	*Acacia spp*	Dead	10	2	200					200	250	Dead	Poor	Low	4. Remove	Z4	2.4	1.8	Located within corridor. Dead tree.
2601	Tallowood	*Eucalyptus microcorys*	Mature	20	4	410					410	550	Good	Good	High	1. Long	A1	4.9	2.6	None.
2602	Swamp Oak	*Casuarina glauca*	Semi-mature	7	1	100					100	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
2603	Tallowood	*Eucalyptus microcorys*	Young	6	2	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2604	River She Oak	*Casuarina cunninghamiana*	Young	6	1	100					100	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2605	Swamp Mahogany	*Eucalyptus robusta*	Mature	15	6	590					590	690	Fair	Good	High	2. Medium	A2	7.1	2.8	Low foliage density for species. Monitor health.
2606	Swamp Oak	*Casuarina glauca*	Mature	18	5	470					470	600	Good	Good	High	1. Long	A1	5.6	2.7	None.
2607	Swamp Oak	*Casuarina glauca*	Mature	18	5	450					450	550	Good	Good	High	1. Long	A1	5.4	2.6	None.
2608	Swamp Oak	*Casuarina glauca*	Mature	23	5	510					510	650	Good	Good	High	1. Long	A1	6.1	2.8	None.
2609	Swamp Oak	*Casuarina glauca*	Mature	18	5	500					500	590	Good	Good	High	1. Long	A1	6.0	2.7	None.
2610	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2611	River She Oak	*Casuarina cunninghamiana*	Young	8	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2612	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	160					160	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.
2613	Swamp Oak	*Casuarina glauca*	Semi-mature	10	1	140					140	180	Good	Fair	Medium	1. Long	A1	2.0	1.6	Located within corridor. Asymmetric crown shape.
2614	Swamp Oak	*Casuarina glauca*	Young	9	1	110					110	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2615	Swamp Oak	*Casuarina glauca*	Mature	12	3	310					310	350	Good	Fair	High	1. Long	A1	3.7	2.1	Co-dominant stems at 2m with relatively good form to union.
2616	Swamp Oak	*Casuarina glauca*	Mature	14	3	340					340	410	Good	Good	High	1. Long	A1	4.1	2.3	Located within corridor.
2617	Weeping Bottlebrush	*Callistemon viminalis*	Mature	8	3	130	220	200			324	350	Fair	Fair	Medium	3. Short	Z10	3.9	2.1	Located within corridor. Vine cover through crown and trunk.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2618	Sweet Pittosporum	*Pittosporum undulatum*	Young	6	1	100					100	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. Directly adjacent to fence.
2619	Parramatta Wattle	*Acacia parramattensis*	Mature	12	2	170					170	200	Fair	Fair	Medium	3. Short	Z4	2.0	1.7	Located within corridor. Early stages of decline.
2620	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Located within corridor. Exempt species. DBH measured at base.
2621	Camphor Laurel	*Cinnamomum camphora*	Young	6	1	100					100	120	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2622	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	3	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Located within corridor. Exempt species. Regrowth from stump.
2623	Parramatta Wattle	*Acacia parramattensis*	Mature	14	3	260					260	300	Good	Fair	Medium	3. Short	Z4	3.1	2.0	Located within corridor. Short lived species, early stages of decline.
2624	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	100	120				156	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. Exempt species.
2625	Camphor Laurel	*Cinnamomum camphora*	Young	5	2	120					120	150	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2626	Camphor Laurel	*Cinnamomum camphora*	Young	5	2	50	100				112	120	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2627	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	100	60				117	150	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2628	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	300					300	300	Good	Fair	Low	2. Medium	Z3	3.6	2.0	Located within corridor. Exempt species. DBH measured at base.
2629	Camphor Laurel	*Cinnamomum camphora*	Young	6	1	90					90	100	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2630	Camphor Laurel	*Cinnamomum camphora*	Young	5	1	80					80	90	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2631	Parramatta Wattle	*Acacia parramattensis*	Mature	9	3	230					230	320	Fair	Fair	Medium	3. Short	Z10	2.8	2.1	Located within corridor. Poor form. Health in decline.
2632	Monterey Pine	*Pinus radiata*	Mature	12	6	640					640	800	Good	Good	Low	2. Medium	Z3	7.7	3.0	Exempt species.
2633	Turpentine	*Syncarpia glomulifera*	Semi-mature	7	2	110					110	160	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2634	River She Oak	*Casuarina cunninghamiana*	Semi-mature	14	1	110					110	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2635	River She Oak	*Casuarina cunninghamiana*	Semi-mature	14	1	140					140	220	Good	Good	Medium	1. Long	A1	2.0	1.8	None.
2636	Turpentine	*Syncarpia glomulifera*	Mature	15	3	300					300	380	Good	Good	High	1. Long	A1	3.6	2.2	None.
2637	Swamp Mahogany	*Eucalyptus robusta*	Mature	16	8	750					750	800	Good	Good	High	1. Long	A1	9.0	3.0	None.
2638	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	2	160					160	210	Good	Good	Medium	1. Long	A1	2.0	1.7	None.
2639	River She Oak	*Casuarina cunninghamiana*	Mature	16	4	300					300	450	Fair	Good	High	2. Medium	A2	3.6	2.4	Low foliage density for species. Monitor health.
2640	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	3	200	180	160			313	450	Fair	Fair	Medium	2. Medium	A2	3.8	2.4	Low foliage density for species. Monitor health.
2641	River She Oak	*Casuarina cunninghamiana*	Young	5	1	90					90	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Adjacent to fence.
2642	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	11	2	140	150	160			260	400	Good	Good	Medium	1. Long	A1	3.1	2.3	None.
2643	Sweet Pittosporum	*Pittosporum undulatum*	Mature	9	3	220					220	280	Good	Good	Medium	1. Long	A1	2.6	1.9	Located within corridor.
2644	River She Oak	*Casuarina cunninghamiana*	Semi-mature	16	2	240					240	300	Good	Good	Medium	1. Long	A1	2.9	2.0	None.
2645	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	2	110					110	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2646	Swamp Oak	*Casuarina glauca*	Mature	18	4	340					340	400	Good	Good	High	1. Long	A1	4.1	2.3	None.
2647	Swamp Oak	*Casuarina glauca*	Mature	17	3	160	260				305	330	Good	Good	High	1. Long	A1	3.7	2.1	None.
2648	Turpentine	*Syncarpia glomulifera*	Young	5	1	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2649	River She Oak	*Casuarina cunninghamiana*	Young	6	2	90					90	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2650	River She Oak	*Casuarina cunninghamiana*	Semi-mature	16	2	180					180	250	Good	Good	Medium	1. Long	A1	2.2	1.8	None.
2651	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	9	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2652	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	8	2	120					120	160	Good	Good	Medium	2. Medium	A1	2.0	1.5	Located within corridor.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2653	Sweet Pittosporum	*Pittosporum undulatum*	Young	5	2	80	45				92	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2654	Swamp Oak	*Casuarina glauca*	Mature	18	4	340					340	410	Good	Good	Medium	1. Long	A1	4.1	2.3	None.
2655	Turpentine	*Syncarpia glomulifera*	Young	7	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2656	Turpentine	*Syncarpia glomulifera*	Semi-mature	8	1	120					120	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2657	River She Oak	*Casuarina cunninghamiana*	Mature	20	4	360					360	450	Good	Good	High	1. Long	A1	4.3	2.4	None.
2658	Sweet Pittosporum	*Pittosporum undulatum*	Young	6	2	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2659	Turpentine	*Syncarpia glomulifera*	Semi-mature	10	2	150					150	170	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2660	Sweet Pittosporum	*Pittosporum undulatum*	Young	6	2	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2661	River She Oak	*Casuarina cunninghamiana*	Mature	21	5	400					400	500	Good	Fair	High	2. Medium	A1	4.8	2.5	Co-dominant stems with tight union.
2662	Turpentine	*Syncarpia glomulifera*	Semi-mature	9	1	110					110	130	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2663	Sweet Pittosporum	*Pittosporum undulatum*	Young	6	2	100					100	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2664	Sweet Pittosporum	*Pittosporum undulatum*	Young	6	2	80	50				94	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2665	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	9	2	120					120	160	Good	Good	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2666	River She Oak	*Casuarina cunninghamiana*	Mature	21	5	380					380	500	Good	Good	High	1. Long	A1	4.6	2.5	Co-dominant stems with tight union.
2667	Turpentine	*Syncarpia glomulifera*	Semi-mature	10	1	120					120	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2668	Turpentine	*Syncarpia glomulifera*	Young	7	1	90					90	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2669	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	6	1	110					110	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2670	Turpentine	*Syncarpia glomulifera*	Semi-mature	9	1	120					120	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2671	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	2	110					110	200	Good	Good	Medium	1. Long	A1	2.0	1.7	None.
2672	Turpentine	*Syncarpia glomulifera*	Semi-mature	11	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2673	Turpentine	*Syncarpia glomulifera*	Semi-mature	9	1	110					110	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2674	River She Oak	*Casuarina cunninghamiana*	Mature	18	3	380					380	450	Good	Good	High	1. Long	A1	4.6	2.4	None.
2675	Turpentine	*Syncarpia glomulifera*	Young	8	1	90					90	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2676	Turpentine	*Syncarpia glomulifera*	Young	5	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2677	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	8	2	120					120	200	Good	Fair	Medium	1. Long	A1	2.0	1.7	Located within corridor.
2678	Red Ironbark	*Eucalyptus sideroxylon*	Semi-mature	9	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2679	Turpentine	*Syncarpia glomulifera*	Semi-mature	8	1	100					100	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2680	River She Oak	*Casuarina cunninghamiana*	Mature	18	3	310					310	400	Good	Good	High	1. Long	A1	3.7	2.3	None.
2681	River She Oak	*Casuarina cunninghamiana*	Mature	18	3	300					300	380	Good	Fair	High	2. Medium	A1	3.6	2.2	Co-dominant stems at mid crown.
2682	Turpentine	*Syncarpia glomulifera*	Young	8	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2683	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	6	2	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2684	River She Oak	*Casuarina cunninghamiana*	Mature	22	5	550					550	600	Good	Fair	High	2. Medium	A1	6.6	2.7	Co-dominant stems with multiple bark inclusions.
2685	Turpentine	*Syncarpia glomulifera*	Young	6	1	90					90	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2686	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	2	80					80	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2687	Swamp Oak	*Casuarina glauca*	Semi-mature	18	2	250					250	350	Good	Good	Medium	1. Long	A1	3.0	2.1	Co-dominant stems.
2688	Swamp Oak	*Casuarina glauca*	Mature	18	5	250	300				391	600	Good	Good	High	1. Long	A1	4.7	2.7	Located within corridor. Co-dominant stems at base.
2689	River She Oak	*Casuarina cunninghamiana*	Mature	23	4	410					410	550	Good	Good	High	1. Long	A1	4.9	2.6	None.
2690	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	8	2	160					160	190	Good	Good	Medium	1. Long	A1	2.0	1.6	None.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2691	River She Oak	*Casuarina cunninghamiana*	Mature	22	3	290					290	340	Good	Good	High	1. Long	A1	3.5	2.1	None.
2692	Turpentine	*Syncarpia glomulifera*	Semi-mature	8	1	130					130	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2693	River She Oak	*Casuarina cunninghamiana*	Mature	22	5	420					420	540	Good	Good	High	1. Long	A1	5.0	2.6	None.
2694	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	1	100					100	120	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2695	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	15	3	350	160				385	450	Good	Good	High	1. Long	A1	4.6	2.4	None.
2696	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	80					80	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2697	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	1	110					110	130	Good	Fair	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2698	Water Gum	*Tristaniopsis laurina*	Mature	9	3	210	200				290	400	Good	Good	Medium	1. Long	A1	3.5	2.3	Canopy extends into corridor.
2699	Sweet Pittosporum	*Pittosporum undulatum*	Mature	10	4	280	220				356	480	Good	Good	Medium	1. Long	A1	4.3	2.4	Located within corridor.
2700	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	9	3	390					390	450	Good	Fair	High	3. Short	Z10	4.7	2.4	Pruned for power line clearance. Large pruning wound on North side of trunk.
2701	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	1	80					80	90	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Surrounded by lantana.
2702	Swamp Oak	*Casuarina glauca*	Young	8	1	90					90	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2703	River She Oak	*Casuarina cunninghamiana*	Semi-mature	7	1	100					100	120	Fair	Fair	Low	3. Short	Z9	2.0	1.5	Located within corridor. Topped at 2m with epicormic growth.
2704	River She Oak	*Casuarina cunninghamiana*	Young	8	1	80					80	90	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2705	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	230					230	280	Good	Fair	Medium	3. Short	Z9	2.8	1.9	Topped for power line clearance at 6m.
2706	River She Oak	*Casuarina cunninghamiana*	Young	8	1	90					90	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2707	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	1	120					120	160	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2708	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	6	2	110					110	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2709	River She Oak	*Casuarina cunninghamiana*	Young	8	1	100					100	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2710	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	3	350	280	220			499	550	Good	Good	High	1. Long	A1	6.0	2.6	Pruned for power lines.
2711	River She Oak	*Casuarina cunninghamiana*	Young	9	1	80					80	90	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2712	River She Oak	*Casuarina cunninghamiana*	Young	8	1	90					90	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2713	River She Oak	*Casuarina cunninghamiana*	Semi-mature	12	1	200					200	220	Good	Fair	Medium	3. Short	Z10	2.4	1.8	Abrupt curve in trunk at 8m.
2714	River She Oak	*Casuarina cunninghamiana*	Semi-mature	8	1	120					120	140	Fair	Poor	Medium	4. Remove	Z5	2.0	1.5	Topped at 8m.
2715	River She Oak	*Casuarina cunninghamiana*	Semi-mature	12	1	180					180	200	Good	Fair	Medium	3. Short	Z9	2.2	1.7	Located within corridor. Topped at 10m.
2716	River She Oak	*Casuarina cunninghamiana*	Semi-mature	12	1	140					140	160	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2717	Swamp Oak	*Casuarina glauca*	Young	6	1	50					50	60	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2718	River She Oak	*Casuarina cunninghamiana*	Semi-mature	18	3	270					270	340	Good	Fair	Medium	2. Medium	A1	3.2	2.1	Trunk lean to west. Phototropism.
2719	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	17	5	340	360	400	460		785	1050	Good	Good	High	1. Long	A1	9.4	3.4	Co-dominant stems.
2720	Sweet Pittosporum	*Pittosporum undulatum*	Mature	10	3	450					450	450	Good	Fair	Medium	2. Medium	A1	5.4	2.4	Located within corridor. DBH estimated at base.
2721	Forest Oak	*Allocasuarina torulosa*	Mature	12	2	100	110	120			191	360	Good	Fair	Medium	2. Medium	A2	2.3	2.2	Evidence of decay on trunk. Extent of decay is unknown.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2722	River She Oak	*Casuarina cunninghamiana*	Mature	21	4	400					400	580	Good	Good	High	1. Long	A1	4.8	2.6	None.
2723	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	2	190					190	220	Good	Good	Medium	1. Long	A1	2.3	1.8	Vine cover in upper crown.
2724	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	180					180	200	Good	Good	Medium	1. Long	A1	2.2	1.7	Located within corridor. Vine cover in upper crown.
2725	Swamp Oak	*Casuarina glauca*	Mature	16	6	630					630	800	Good	Good	High	1. Long	A1	7.6	3.0	Located in adjoining property.
2726	Blueberry Ash	*Elaeocarpus reticulatus*	Semi-mature	6	1	100					100	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located in adjoining property.
2727	Swamp Oak	*Casuarina glauca*	Mature	16	5	520					520	610	Good	Good	High	1. Long	A1	6.2	2.7	Located in adjoining property.
2728	Swamp Oak	*Casuarina glauca*	Young	7	1	90					90	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2729	Swamp Oak	*Casuarina glauca*	Young	8	1	60					60	90	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2730	Swamp Oak	*Casuarina glauca*	Mature	12	3	300					300	380	Good	Good	High	1. Long	A1	3.6	2.2	Located within corridor.
2731	Swamp Oak	*Casuarina glauca*	Semi-mature	8	1	110					110	140	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2732	Swamp Oak	*Casuarina glauca*	Semi-mature	10	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2733	Swamp Oak	*Casuarina glauca*	Mature	15	2	280					280	400	Good	Good	High	1. Long	A1	3.4	2.3	Located within corridor.
2734	Turpentine	*Syncarpia glomulifera*	Semi-mature	10	2	230					230	270	Good	Good	Medium	1. Long	A1	2.8	1.9	Located within corridor.
2735	Swamp Oak	*Casuarina glauca*	Mature	15	6	200	350	400			568	650	Good	Good	High	1. Long	A1	6.8	2.8	Located in adjoining property.
2736	Swamp Oak	*Casuarina glauca*	Mature	18	2	250					250	420	Good	Good	Medium	1. Long	A1	3.0	2.3	Located within corridor.
2737	Chinese Hackberry	*Celtis sinensis*	Semi-mature	7	2	120					120	150	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2738	Swamp Oak	*Casuarina glauca*	Semi-mature	18	2	290					290	350	Good	Good	Medium	1. Long	A1	3.5	2.1	Located within adjoining property.
2739	Swamp Oak	*Casuarina glauca*	Semi-mature	14	1	110					110	200	Good	Good	Medium	2. Medium	A1	2.0	1.7	Located within corridor.
2740	Swamp Oak	*Casuarina glauca*	Semi-mature	17	2	210					210	350	Good	Good	Medium	1. Long	A1	2.5	2.1	Located within corridor.
2741	Swamp Oak	*Casuarina glauca*	Semi-mature	18	2	250					250	310	Good	Good	Medium	1. Long	A1	3.0	2.0	Located in adjoining property.
2742	Swamp Oak	*Casuarina glauca*	Mature	21	4	420					420	580	Good	Good	High	1. Long	A1	5.0	2.6	Located in adjoining property.
2743	Swamp Oak	*Casuarina glauca*	Mature	17	4	340					340	400	Fair	Good	High	2. Medium	A2	4.1	2.3	Located in adjoining property. Low foliage density for species.
2744	Swamp Oak	*Casuarina glauca*	Semi-mature	14	2	180					180	240	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within corridor.
2745	Swamp Oak	*Casuarina glauca*	Semi-mature	18	2	180					180	240	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within corridor.
2746	Swamp Oak	*Casuarina glauca*	Semi-mature	17	2	200					200	210	Good	Good	Medium	1. Long	A1	2.4	1.7	Located within corridor.
2747	Swamp Oak	*Casuarina glauca*	Mature	20	2	310					310	450	Good	Good	High	1. Long	A1	3.7	2.4	Located within corridor.
2748	Swamp Oak	*Casuarina glauca*	Semi-mature	10	1	110					110	140	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
2749	Swamp Oak	*Casuarina glauca*	Semi-mature	14	1	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2750	Swamp Oak	*Casuarina glauca*	Semi-mature	14	1	140					140	190	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2751	River She Oak	*Casuarina cunninghamiana*	Mature	20	5	500					500	590	Good	Good	High	1. Long	A1	6.0	2.7	Located within adjoining property.
2752	Swamp Oak	*Casuarina glauca*	Semi-mature	15	1	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2753	Swamp Oak	*Casuarina glauca*	Semi-mature	18	2	280					280	340	Good	Good	Medium	1. Long	A1	3.4	2.1	Located within corridor.
2754	Swamp Oak	*Casuarina glauca*	Young	8	1	90					90	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2755	Swamp Oak	*Casuarina glauca*	Young	9	1	90					90	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2756	Swamp Oak	*Casuarina glauca*	Semi-mature	16	1	200					200	290	Good	Good	Medium	1. Long	A1	2.4	2.0	Located within corridor.
2757	Swamp Oak	*Casuarina glauca*	Semi-mature	12	1	140					140	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2758	Swamp Oak	*Casuarina glauca*	Semi-mature	14	1	130					130	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2759	Swamp Oak	*Casuarina glauca*	Semi-mature	12	1	110					110	140	Good	Fair	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2760	Swamp Oak	*Casuarina glauca*	Semi-mature	11	2	150	150				212	300	Good	Good	Medium	2. Medium	A1	2.5	2.0	Located within adjoining property. Co-dominant stems.
2761	Swamp Oak	*Casuarina glauca*	Semi-mature	15	1	160					160	240	Good	Good	Medium	1. Long	A1	2.0	1.8	Located within corridor.
2762	Swamp Oak	*Casuarina glauca*	Semi-mature	14	1	160					160	240	Good	Good	Medium	1. Long	A1	2.0	1.8	Located within corridor.
2763	Swamp Oak	*Casuarina glauca*	Young	12	1	90					90	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2764	Swamp Oak	*Casuarina glauca*	Semi-mature	15	1	220					220	350	Good	Good	Medium	1. Long	A1	2.6	2.1	Located within corridor.
2765	Swamp Oak	*Casuarina glauca*	Mature	18	2	300					300	380	Good	Good	High	1. Long	A1	3.6	2.2	Located within corridor.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2766	Turpentine	*Syncarpia glomulifera*	Young	5	1	80					80	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2767	Swamp Oak	*Casuarina glauca*	Mature	20	3	340					340	480	Good	Good	High	1. Long	A1	4.1	2.4	Located within adjoining property.
2768	Swamp Oak	*Casuarina glauca*	Mature	19	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Located within adjoining property.
2769	Wattle	*Acacia spp*	Mature	7	2	140					140	180	Fair	Fair	Medium	3. Short	A2	2.0	1.6	Located within corridor. Short lived species.
2770	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	220					220	280	Good	Good	Medium	1. Long	A1	2.6	1.9	Located within corridor.
2771	Wattle	*Acacia spp*	Semi-mature	6	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
2772	Swamp Oak	*Casuarina glauca*	Semi-mature	15	1	180					180	220	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within corridor.
2773	Swamp Oak	*Casuarina glauca*	Semi-mature	18	2	270					270	320	Good	Good	Medium	1. Long	A1	3.2	2.1	Located within corridor.
2774	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	110					110	140	Good	Good	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2775	Swamp Oak	*Casuarina glauca*	Semi-mature	10	1	200					200	290	Good	Good	Medium	1. Long	A1	2.4	2.0	Located within corridor.
2776	Swamp Oak	*Casuarina glauca*	Mature	18	4	300					300	400	Good	Good	High	1. Long	A1	3.6	2.3	Located within adjoining property.
2777	Swamp Oak	*Casuarina glauca*	Semi-mature	12	1	190					190	280	Good	Good	Medium	1. Long	A1	2.3	1.9	Located within corridor.
2778	Swamp Oak	*Casuarina glauca*	Mature	15	2	300					300	420	Good	Good	High	1. Long	A1	3.6	2.3	Located within corridor.
2779	Swamp Oak	*Casuarina glauca*	Semi-mature	14	2	210					210	250	Good	Good	Medium	1. Long	A1	2.5	1.8	Located within corridor.
2780	Swamp Oak	*Casuarina glauca*	Young	7	1	100					100	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Vibe cover.
2781	Swamp Oak	*Casuarina glauca*	Semi-mature	12	2	270					270	300	Good	Fair	Medium	3. Short	Z9	3.2	2.0	Located within corridor. Previous failure of trunk at 2.5m.
2782	River She Oak	*Casuarina cunninghamiana*	Semi-mature	18	3	290					290	340	Good	Good	Medium	1. Long	A1	3.5	2.1	Located within adjoining property.
2783	River She Oak	*Casuarina cunninghamiana*	Mature	22	5	450					450	510	Good	Good	High	1. Long	A1	5.4	2.5	Located within adjoining property.
2784	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	260					260	290	Good	Good	Medium	1. Long	A1	3.1	2.0	Located within corridor.
2785	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	2	200					200	240	Good	Good	Medium	2. Medium	A1	2.4	1.8	Located within adjoining property.
2786	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	240					240	300	Good	Good	Medium	1. Long	A1	2.9	2.0	Located within corridor.
2787	Swamp Oak	*Casuarina glauca*	Semi-mature	13	1	180					180	220	Good	Good	Medium	2. Medium	A1	2.2	1.8	Located within corridor. Co-dominant stems.
2788	Swamp Oak	*Casuarina glauca*	Semi-mature	15	1	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.
2789	Swamp Oak	*Casuarina glauca*	Semi-mature	15	2	200					200	320	Good	Good	Medium	1. Long	A1	2.4	2.1	Located within corridor.
2790	Swamp Oak	*Casuarina glauca*	Mature	21	4	400					400	440	Good	Fair	High	2. Medium	A1	4.8	2.3	Located within adjoining property. Co-dominant stems with bark inclusion.
2791	Turpentine	*Syncarpia glomulifera*	Semi-mature	8	1	170					170	200	Good	Good	Medium	1. Long	A1	2.0	1.7	Located within corridor.
2792	Swamp Oak	*Casuarina glauca*	Semi-mature	16	2	260					260	350	Good	Good	Medium	1. Long	A1	3.1	2.1	Located within corridor.
2793	Swamp Oak	*Casuarina glauca*	Semi-mature	12	2	240					240	300	Good	Good	Medium	1. Long	A1	2.9	2.0	Located within corridor.
2794	Swamp Oak	*Casuarina glauca*	Mature	20	4	350					350	450	Good	Good	High	1. Long	A1	4.2	2.4	Located within adjoining property.
2795	Swamp Oak	*Casuarina glauca*	Mature	18	4	420					420	480	Good	Fair	High	2. Medium	A1	5.0	2.4	Located within adjoining property. Co-dominant stems.
2796	Swamp Oak	*Casuarina glauca*	Semi-mature	10	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within adjoining property.
2797	Turpentine	*Syncarpia glomulifera*	Semi-mature	9	2	250					250	300	Good	Good	Medium	2. Medium	A1	3.0	2.0	Located within corridor. Tight union.
2798	Swamp Oak	*Casuarina glauca*	Mature	16	4	350	300				461	450	Good	Good	High	1. Long	A1	5.5	2.4	Located within adjoining property.
2799	Swamp Oak	*Casuarina glauca*	Mature	16	4	360					360	400	Good	Good	High	1. Long	A1	4.3	2.3	Located within adjoining property.
2800	Blueberry Ash	*Elaeocarpus reticulatus*	Mature	7	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within adjoining property.
2801	Swamp Oak	*Casuarina glauca*	Mature	15	4	480					480	550	Good	Good	High	1. Long	A1	5.8	2.6	Located within adjoining property.
2802	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	200					200	200	Good	Fair	Low	2. Medium	Z3	2.4	1.7	Area inaccessible. Estimated tree data from opposite side of tracks.
2803	Broad Leaved Privet	*Ligustrum lucidum*	Mature	9	2	250					250	250	Good	Fair	Very Low	2. Medium	Z3	3.0	1.8	Area inaccessible. Estimated tree data from opposite side of tracks.
2804	River She Oak	*Casuarina cunninghamiana*	Mature	20	5	500					500	600	Good	Good	High	1. Long	A1	6.0	2.7	Area inaccessible. Estimated tree data from opposite side of tracks.
2805	Frangipani	*Plumeria spp*	Mature	5	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Area inaccessible. Estimated tree data from opposite side of tracks.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2806	Crepe Myrtle	*Lagerstroemia indica*	Mature	9	3	300					300	300	Good	Good	Medium	1. Long	A1	3.6	2.0	Area inaccessible. Estimated tree data from opposite side of tracks.
2807	Leyland Cypress	*X Cupressocyparis leylandii*	Semi-mature	10	1	200					200	250	Good	Fair	Low	2. Medium	Z3	2.4	1.8	Area inaccessible. Estimated tree data from opposite side of tracks.
2808	Leyland Cypress	*X Cupressocyparis leylandii*	Semi-mature	9	1	200					200	250	Good	Fair	Low	2. Medium	Z3	2.4	1.8	Area inaccessible. Estimated tree data from opposite side of tracks.
2809	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	10	2	250					250	280	Good	Fair	Low	2. Medium	Z3	3.0	1.9	Area inaccessible. Estimated tree data from opposite side of tracks.
2810	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	9	2	200					200	250	Good	Fair	Low	2. Medium	Z3	2.4	1.8	Area inaccessible. Estimated tree data from opposite side of tracks.
2811	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	11	2	300					300	350	Good	Good	Low	2. Medium	Z3	3.6	2.1	Area inaccessible. Estimated tree data from opposite side of tracks.
2812	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	11	3	300					300	350	Good	Good	Low	2. Medium	Z3	3.6	2.1	Area inaccessible. Estimated tree data from opposite side of tracks.
2813	Saucer Magnolia	*Magnolia x soulangiana*	Mature	6	2	160					160	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Area inaccessible. Estimated tree data from opposite side of tracks.
2814	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	7	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Area inaccessible. Estimated tree data from opposite side of tracks.
2815	Willow Bottlebrush	*Callistemon salignus*	Mature	9	4	350	500				610	750	Good	Good	High	1. Long	A1	7.3	2.9	Area inaccessible. Estimated tree data from opposite side of tracks. Co-dominant stems. Stem in contact with fence.
2816	Argyle Apple	*Eucalyptus cinerea*	Mature	11	6	650					650	700	Fair	Fair	High	3. Short	Z4	7.8	2.8	Low foliage density for species. Early stages of decline.
2817	Bracelet Honey Myrtle	*Melaleuca armillaris*	Mature	5	3	300	200				361	550	Good	Fair	Medium	2. Medium	A1	4.3	2.6	Exposed surface roots. Co-dominant stems.
2818	Bracelet Honey Myrtle	*Melaleuca armillaris*	Mature	7	2	220	240				326	500	Good	Fair	Medium	3. Short	Z9	3.9	2.5	Co-dominant stems with failure of east stem.
2819	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	7	2	150					150	180	Good	Good	Medium	2. Medium	A1	2.0	1.6	Located within corridor.
2820	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	150					150	300	Good	Fair	Low	5. Small/Young	Z1	2.0	2.0	Adjacent to fence.
2821	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	200					200	350	Good	Fair	Medium	3. Short	Z9	2.4	2.1	Adjacent to fence. Previous branch failure.
2822	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	200					200	200	Fair	Fair	Low	3. Short	Z9	2.4	1.7	Adjacent to fence. Topped at 400mm with epicormic growth.
2823	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	10	5	450					450	500	Good	Fair	Medium	2. Medium	Z3	5.4	2.5	Located within corridor. Exempt species.
2824	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	12	8	900					900	950	Good	Good	Medium	2. Medium	Z3	10.8	3.2	Located within corridor. Exempt species.
2825	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	11	7	700					700	800	Good	Good	Medium	2. Medium	Z3	8.4	3.0	Located within corridor. Exempt species.
2826	Wallangarra White Gum	*Eucalyptus scoparia*	Semi-mature	8	2	200					200	250	Fair	Fair	Low	3. Short	Z3	2.4	1.8	Located within corridor. Exempt species. In decline.
2827	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	11	6	600					600	710	Good	Good	Medium	2. Medium	Z3	7.2	2.9	Nature strip. Minor deadwood through canopy.
2828	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within corridor. Branch in contact with fence. DBH estimated at base.
2829	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	14	7	720					720	790	Good	Good	Medium	2. Medium	Z3	8.6	3.0	Located within corridor. Exempt species.
2830	London Plane	*Platanus x hispanica*	Semi-mature	7	2	180					180	220	Good	Fair	Medium	1. Long	A1	2.2	1.8	Located in park.
2831	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	10	4	380					380	500	Good	Fair	Medium	2. Medium	Z3	4.6	2.5	Located within corridor. Exempt species.
2832	Black Peppermint	*Eucalyptus nicholii*	Mature	14	8	400	500				640	900	Good	Good	Medium	2. Medium	Z3	7.7	3.2	Located within park. Exempt species.
2833	Wallangarra White Gum	*Eucalyptus scoparia*	Semi-mature	9	2	200					200	280	Good	Fair	Medium	2. Medium	Z3	2.4	1.9	Located within corridor. Exempt species.
2834	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	14	6	600					600	850	Good	Good	Medium	2. Medium	Z3	7.2	3.1	Located within corridor. Exempt species.
2835	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	1	80	100	100			162	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.
2836	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	13	5	450					450	550	Good	Good	Medium	2. Medium	Z3	5.4	2.6	Located within corridor. Exempt species.
2837	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within corridor.
2838	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	13	5	500					500	580	Good	Good	Medium	2. Medium	Z3	6.0	2.6	Located within corridor. Exempt species.
2839	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	15	6	600					600	700	Good	Good	Medium	2. Medium	Z3	7.2	2.8	Located within corridor. Exempt species. Low foliage density for species.
2840	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	3	400					400	400	Good	Fair	Medium	2. Medium	A1	4.8	2.3	Located within corridor. Multi stem tree.
2841	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	150	150				212	300	Good	Fair	Medium	2. Medium	A1	2.5	2.0	Located within corridor. Multi stem tree.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2842	Eucalypt	*Eucalyptus spp*	Dead	11	4	380					380	450	Dead	Poor	High	4. Remove	Z4	4.6	2.4	Dead tree located within corridor.
2843	Brush Cherry	*Syzygium australe*	Mature	10	3	350					350	350	Good	Good	High	1. Long	A1	4.2	2.1	Located within adjoining property. DBH estimated.
2844	Brush Cherry	*Syzygium australe*	Mature	10	3	350					350	350	Good	Good	High	1. Long	A1	4.2	2.1	Located within adjoining property. DBH estimated.
2845	Umbrella	*Schefflera actinophylla*	Semi-mature	5	2	300					300	350	Good	Fair	Low	2. Medium	Z3	3.6	2.1	Located within corridor. Exempt species.
2846	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	2	220					220	250	Good	Fair	Very Low	2. Medium	Z3	2.6	1.8	Located within corridor. Exempt species.
2847	African Olive	*Olea europaea subsp. cuspidata*	Mature	7	2	400					400	400	Good	Fair	Low	2. Medium	Z3	4.8	2.3	Area inaccessible. Tree data estimated from opposite side of tracks. Exempt species.
2848	Umbrella	*Schefflera actinophylla*	Mature	7	3	450					450	450	Good	Fair	Low	2. Medium	Z3	5.4	2.4	Area inaccessible. Tree data estimated from opposite side of tracks. Exempt species.
2849	Common Oak	*Quercus robur*	Semi-mature	7	2	350					350	350	Good	Fair	Medium	2. Medium	A1	4.2	2.1	Area inaccessible. Tree data estimated from opposite side of tracks. Multi stem tree.
2850	Broad Leaved Privet	*Ligustrum lucidum*	Mature	6	2	300					300	300	Good	Fair	Very Low	2. Medium	Z3	3.6	2.0	Area inaccessible. Tree data estimated from opposite side of tracks. Exempt species.
2851	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	200					200	200	Good	Fair	Very Low	2. Medium	Z3	2.4	1.7	Area inaccessible. Tree data estimated from opposite side of tracks. Exempt species.
2852	Common Oak	*Quercus robur*	Mature	11	5	550					550	610	Good	Good	High	1. Long	A1	6.6	2.7	Located within adjoining property.
2853	Camphor Laurel	*Cinnamomum camphora*	Mature	10	3	400	350				532	580	Good	Fair	Medium	1. Long	A1	6.4	2.6	Located within adjoining property.
2854	Parramatta Wattle	*Acacia parramattensis*	Mature	8	2	140	150	130			243	300	Good	Fair	Medium	2. Medium	A1	2.9	2.0	Located within nature strip.
2855	Wattle	*Acacia spp*	Dead	5	2	150					150	190	Dead	Poor	Low	4. Remove	Z4	2.0	1.6	Located within nature strip. Dead tree.
2856	Illawara Flame	*Brachychiton acerifolius*	Young	5	1	60	60				85	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within nature strip.
2857	Parramatta Wattle	*Acacia parramattensis*	Mature	6	2	130	130				184	240	Good	Good	Medium	2. Medium	A1	2.2	1.8	Located within nature strip.
2858	Sydney Blue Gum	*Eucalyptus saligna*	Mature	10	4	350					350	480	Good	Good	High	1. Long	A1	4.2	2.4	Located within nature strip.
2859	Silky Oak	*Grevillea robusta*	Young	5	1	120					120	160	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
2860	Silky Oak	*Grevillea robusta*	Semi-mature	5	2	200					200	200	Fair	Fair	Low	3. Short	Z4	2.4	1.7	Located within nature strip. Apical dieback, early stages of decline.
2861	Parramatta Wattle	*Acacia parramattensis*	Mature	6	2	150					150	200	Good	Good	Medium	2. Medium	A1	2.0	1.7	Located within nature strip.
2862	Bracelet Honey Myrtle	*Melaleuca armillaris*	Mature	6	2	160	170				233	350	Good	Good	Medium	2. Medium	A1	2.8	2.1	Located within nature strip. In contact with fence.
2863	Willow Bottlebrush	*Callistemon salignus*	Semi-mature	6	2	280					280	310	Good	Good	Medium	1. Long	A1	3.4	2.0	Located within nature strip.
2864	Eucalypt	*Eucalyptus spp*	Mature	12	5	490					490	550	Fair	Good	High	2. Medium	A2	5.9	2.6	Located within nature strip. Low foliage density for species. Monitor health.
2865	Eucalypt	*Eucalyptus spp*	Mature	9	5	450					450	490	Good	Good	High	1. Long	A1	5.4	2.5	Located within nature strip.
2866	Wattle	*Acacia spp*	Mature	5	2	150	90				175	220	Good	Good	Medium	2. Medium	A1	2.1	1.8	Located within nature strip.
2867	Wattle	*Acacia spp*	Mature	5	2	120	120				170	200	Fair	Fair	Medium	3. Short	Z4	2.0	1.7	Located within nature strip. Apical dieback, early stages of decline.
2868	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	5	2	230	200				305	450	Fair	Good	Medium	2. Medium	A2	3.7	2.4	Located within nature strip. Low foliage density for species. Monitor health.
2869	Wattle	*Acacia spp*	Semi-mature	3	1	100	90	50			144	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor adjacent to fence.
2870	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	7	2	250					250	300	Good	Good	Medium	2. Medium	A1	3.0	2.0	Located within corridor.
2871	Oleander	*Nerium oleander*	Mature	5	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor.
2872	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	220					220	280	Good	Fair	Medium	4. Remove	Z5	2.6	1.9	Located within corridor. Previous failure of trunk with large vertical crack.
2873	Oleander	*Nerium oleander*	Semi-mature	5	1	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor.
2874	Grey Ironbark	*Eucalyptus paniculata*	Mature	8	2	310					310	350	Good	Good	High	1. Long	A1	3.7	2.1	Located within corridor. Vine cover up trunk.
2875	Tallowood	*Eucalyptus microcorys*	Mature	12	5	460					460	550	Good	Good	High	1. Long	A1	5.5	2.6	Located within corridor.
2876	San Pedro Cactus	*Echinopsis pachanoi*	Mature	6	2	320					320	350	Good	Good	Medium	1. Long	A1	3.8	2.1	Located within corridor.
2877	Willow Myrtle	*Agonis flexuosa*	Mature	7	3	300					300	350	Fair	Fair	Medium	3. Short	Z4	3.6	2.1	Located within adjoining property. Apical die back.
2878	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	150					150	180	Fair	Fair	Very Low	2. Medium	Z3	2.0	1.6	Located within corridor. Exempt species.
2879	Sweet Pittosporum	*Pittosporum undulatum*	Young	5	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2880	Broad Leaved Privet	*Ligustrum lucidum*	Young	5	1	110					110	150	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2881	Camphor Laurel	*Cinnamomum camphora*	Mature	9	4	400					400	450	Good	Good	Medium	2. Medium	Z3	4.8	2.4	Located within corridor. Exempt species.
2882	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	1	110	120				163	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within corridor.
2883	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	1	160					160	220	Good	Fair	Low	5. Small/Young	Z3	2.0	1.8	Located within corridor. Exempt species.
2884	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	10	3	320					320	380	Good	Good	Medium	2. Medium	A1	3.8	2.2	Located within adjoining property.
2885	Silky Oak	*Grevillea robusta*	Mature	16	4	400					400	440	Good	Good	Medium	2. Medium	A1	4.8	2.3	Located within adjoining property.
2886	Camphor Laurel	*Cinnamomum camphora*	Mature	14	4	440					440	480	Good	Good	Medium	1. Long	Z3	5.3	2.4	Located within adjoining property. Exempt species.
2887	Mexican Fan Palm	*Washingtonia robusta*	Mature	5	2	250					250	NA	Good	Good	Medium	2. Medium	A1	3.0	NA	Located within adjoining property.
2888	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	8	2	250					250	250	Poor	Fair	Medium	4. Remove	Z4	3.0	1.8	Located within adjoining property. In decline.
2889	Ivory Curl	*Buckinghamia celsissima*	Semi-mature	8	2	120					120	150	Good	Good	Medium	2. Medium	A1	2.0	1.5	Located within adjoining property.
2890	Ivory Curl	*Buckinghamia celsissima*	Semi-mature	7	1	120					120	150	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within adjoining property.
2891	Ivory Curl	*Buckinghamia celsissima*	Semi-mature	7	1	120					120	150	Good	Fair	Medium	2. Medium	A1	2.0	1.5	Located within adjoining property.
2892	Ivory Curl	*Buckinghamia celsissima*	Semi-mature	8	2	150					150	180	Good	Good	Medium	2. Medium	A1	2.0	1.6	Located within adjoining property.
2893	Ivory Curl	*Buckinghamia celsissima*	Semi-mature	8	1	150					150	180	Good	Fair	Medium	2. Medium	A1	2.0	1.6	Located within adjoining property.
2894	Camphor Laurel	*Cinnamomum camphora*	Mature	12	5	450	300				541	500	Good	Fair	Medium	2. Medium	Z3	6.5	2.5	Located within corridor. Exempt species.
2895	Camphor Laurel	*Cinnamomum camphora*	Mature	15	5	500					500	600	Good	Fair	Medium	1. Long	Z3	6.0	2.7	Located within corridor. Exempt species.
2896	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	2	150					150	180	Good	Fair	Low	2. Medium	Z3	2.0	1.6	Located within corridor. Exempt species.
2897	Umbrella	*Schefflera actinophylla*	Young	9	1	110					110	120	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within adjoining property. Exempt species.
2898	Unknown	*Unknown spp*	Mature	14	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Located within adjoining property.
2899	Swamp Oak	*Casuarina glauca*	Semi-mature	11	1	150					150	180	Good	Fair	Medium	2. Medium	A1	2.0	1.6	Located within corridor.
2900	Swamp Oak	*Casuarina glauca*	Mature	18	4	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	Located within corridor.
2901	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	8	2	120	120				170	300	Good	Fair	Medium	2. Medium	A1	2.0	2.0	Located within adjoining property.
2902	Bangalow Palm	*Archontophoenix cunninghamiana*	Semi-mature	7	1	150					150	NA	Good	Good	Low	5. Small/Young	Z1	2.0	NA	Located within adjoining property.
2903	Swamp Oak	*Casuarina glauca*	Mature	22	4	420					420	480	Good	Good	High	1. Long	A1	5.0	2.4	Located within corridor.
2904	Swamp Oak	*Casuarina glauca*	Semi-mature	9	1	120					120	150	Good	Good	Medium	2. Medium	A1	2.0	1.5	Located within corridor.
2905	Spotted Gum	*Corymbia maculata*	Mature	24	5	450					450	500	Good	Good	High	1. Long	A1	5.4	2.5	Located within adjoining property.
2906	Silky Oak	*Grevillea robusta*	Mature	19	5	500					500	600	Fair	Fair	Medium	3. Short	Z10	6.0	2.7	Located within corridor.
2907	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	11	5	250	300				391	500	Good	Good	Medium	1. Long	A1	4.7	2.5	Located within adjoining property.
2908	Pomegranate	*Punica granatum*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within adjoining property.
2909	Hibiscus	*Hibiscus spp*	Young	4	1	150					150	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within adjoining property.
2910	Olive	*Olea europaea*	Semi-mature	8	2	110	120				163	250	Good	Fair	Medium	2. Medium	A1	2.0	1.8	Located within adjoining property. Vine cover in crown.
2911	Black Tea-tree	*Melaleuca bracteata*	Semi-mature	8	2	200					200	220	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Located within adjoining property. Vine cover in crown. Black tea tree
2912	Olive	*Olea europaea*	Semi-mature	7	2	160					160	190	Good	Good	Medium	2. Medium	A1	2.0	1.6	Located within adjoining property.
G25	Slender Weaver	*Bambusa textilis*	Mature	7	1	200					200	NA	Good	Good	Low	1. Long	Z3	2.0	NA	Located within adjoining property. Group of slender weaver planted as screening. Exempt species.
2913	Bangalow Palm	*Archontophoenix cunninghamiana*	Mature	10	2	250					250	NA	Good	Good	Medium	2. Medium	Z3	3.0	NA	Located within adjoining property. Exempt species.
2914	Blueberry Ash	*Elaeocarpus reticulatus*	Semi-mature	9	1	180					180	200	Good	Good	Medium	1. Long	A1	2.2	1.7	Located within adjoining property.
2915	Blueberry Ash	*Elaeocarpus reticulatus*	Semi-mature	6	1	140					140	160	Good	Good	Medium	2. Medium	A1	2.0	1.5	Located within adjoining property.
2916	Orange Jessamine	*Murraya paniculata*	Mature	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property.
2917	Orange Jessamine	*Murraya paniculata*	Semi-mature	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property.
2918	Orange Jessamine	*Murraya paniculata*	Semi-mature	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property.
2919	Orange Jessamine	*Murraya paniculata*	Semi-mature	5	1	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property.
2920	Blueberry Ash	*Elaeocarpus reticulatus*	Dead	6	1	120					120	150	Dead	Fair	Very Low	4. Remove	Z4	2.0	1.5	Located within adjoining property. Dead tree.
2921	Blueberry Ash	*Elaeocarpus reticulatus*	Semi-mature	6	1	110					110	120	Poor	Fair	Low	4. Remove	Z4	2.0	1.5	Located within adjoining property. In advanced stages of decline.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2922	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	10	2	250					250	290	Good	Good	Low	2. Medium	Z3	3.0	2.0	Located within corridor. Exempt species.
2923	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	10	2	300	200				361	360	Good	Good	Low	2. Medium	Z3	4.3	2.2	Located within corridor. Exempt species.
2924	Leyland Cypress	*X Cupressocyparis leylandii*	Young	5	1	80	100				128	160	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2925	Leyland Cypress	*X Cupressocyparis leylandii*	Young	5	1	110					110	140	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2926	Leyland Cypress	*X Cupressocyparis leylandii*	Young	5	1	110					110	120	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2927	Leyland Cypress	*X Cupressocyparis leylandii*	Young	5	1	100					100	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Exempt species.
2928	Leyland Cypress	*X Cupressocyparis leylandii*	Semi-mature	8	1	220					220	220	Good	Good	Low	2. Medium	Z3	2.6	1.8	Located within corridor. Exempt species.
2929	Leyland Cypress	*X Cupressocyparis leylandii*	Young	5	1	100					100	110	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2930	Leyland Cypress	*X Cupressocyparis leylandii*	Young	5	1	100					100	110	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2931	Bangalow Palm	*Archontophoenix cunninghamiana*	Mature	6	1	200					200	NA	Good	Good	Medium	1. Long	Z3	2.0	NA	Located within adjoining property. Exempt species.
2932	Pencil Pine	*Cupressus sempervirens 'stricta'*	Semi-mature	6	0.5	140					140	180	Good	Good	Low	2. Medium	Z3	2.0	1.6	Located within adjoining property. Exempt species.
2933	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	90					90	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2934	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	90					90	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2935	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	2	90	90				127	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located adjacent to fence.
2936	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	100					100	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2937	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	80					80	90	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2938	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	90	90				127	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2939	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	80					80	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2940	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	50	60	90			119	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2941	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	3	1	80	80	50			124	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located adjacent to fence.
2942	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	100					100	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2943	Weeping Bottlebrush	*Callistemon viminalis*	Young	3	1	80					80	90	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2944	Weeping Bottlebrush	*Callistemon viminalis*	Young	2	1	100					100	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2945	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	7	3	250	200	120			342	400	Good	Good	Medium	2. Medium	A1	4.1	2.3	Located within nature strip. Children's play structure in tree.
2946	Broad Leaved Privet	*Ligustrum lucidum*	Mature	9	2	150	200	150			292	400	Good	Fair	Very Low	2. Medium	Z3	3.5	2.3	Located within corridor. Exempt species.
2947	Wattle	*Acacia spp*	Mature	5	2	170					170	200	Good	Good	Medium	2. Medium	A1	2.0	1.7	Located within nature strip.
2948	Blueberry Ash	*Elaeocarpus reticulatus*	Young	3	1	80					80	90	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2949	Blueberry Ash	*Elaeocarpus reticulatus*	Young	3	1	80					80	90	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
2950	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	300					300	300	Good	Good	Medium	1. Long	A1	3.6	2.0	Located within park.
2951	Lemon Scented Gum	*Corymbia citriodora*	Mature	18	8	780					780	900	Good	Good	Very High	1. Long	A1	9.4	3.2	Located within park.
2952	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	8	2	180					180	200	Good	Good	Medium	2. Medium	A1	2.2	1.7	Located within corridor.
2953	Lemon Scented Gum	*Corymbia citriodora*	Semi-mature	9	1	150					150	180	Good	Good	Medium	1. Long	A1	2.0	1.6	Located within corridor.
2954	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	300					300	360	Good	Good	Medium	1. Long	A1	3.6	2.2	Located within park.
2955	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	200	200				283	380	Good	Fair	Medium	2. Medium	A1	3.4	2.2	Located within park. Co-dominant stems.
2956	Eucalypt	*Eucalyptus spp*	Mature	17	8	810					810	1000	Good	Good	Very High	1. Long	A1	9.7	3.3	Located within park.
2957	Camphor Laurel	*Cinnamomum camphora*	Mature	8	3	200	220	180	180		391	450	Good	Good	Low	1. Long	Z3	4.7	2.4	Located within corridor. Exempt species.
2958	Spotted Gum	*Corymbia maculata*	Mature	20	12	1270					1270	1480	Good	Good	Very High	1. Long	A1	15.0	3.9	Located within park.
2959	Willow Bottlebrush	*Callistemon salignus*	Mature	8	2	320					320	400	Good	Good	Medium	1. Long	A1	3.8	2.3	Located within adjoining property.
2960	Willow Bottlebrush	*Callistemon salignus*	Semi-mature	7	2	180					180	250	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within adjoining property.
2961	Sydney Blue Gum	*Eucalyptus saligna*	Mature	24	10	1350					1350	1560	Good	Good	Very High	1. Long	A1	15.0	4.0	Located within adjoining property. Directly adjacent to fence.
2962	Camphor Laurel	*Cinnamomum camphora*	Mature	16	6	600	450	400	300	200	923	1500	Good	Fair	Medium	1. Long	Z3	11.1	3.9	Located within corridor. Large multi stem tree. Exempt species.
2963	Willow Bottlebrush	*Callistemon salignus*	Semi-mature	6	2	200	210				290	440	Good	Fair	Medium	2. Medium	A1	3.5	2.3	Located within adjoining property. Co-dominant stems with tight union.
2964	Silky Oak	*Grevillea robusta*	Mature	18	3	350					350	400	Good	Good	Medium	2. Medium	A1	4.2	2.3	Located within corridor. Deadwood through lower crown.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2965	Silky Oak	*Grevillea robusta*	Mature	18	3	350					350	400	Good	Good	Medium	2. Medium	A1	4.2	2.3	Located within corridor.
2966	Camphor Laurel	*Cinnamomum camphora*	Young	6	2	150					150	180	Good	Fair	Low	5. Small/Young	Z3	2.0	1.6	Located within corridor. Exempt species.
2967	Lemon Scented Gum	*Corymbia citriodora*	Mature	12	4	340					340	450	Good	Good	High	1. Long	A1	4.1	2.4	Located within adjoining property.
2968	Silky Oak	*Grevillea robusta*	Mature	16	3	310					310	380	Good	Good	Medium	2. Medium	A1	3.7	2.2	Located within corridor.
2969	Camphor Laurel	*Cinnamomum camphora*	Young	7	2	110	100				149	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. Exempt species.
2970	Silky Oak	*Grevillea robusta*	Semi-mature	9	2	200					200	220	Good	Fair	Medium	2. Medium	A2	2.4	1.8	Located within corridor. Vine cover in crown.
2971	Camphor Laurel	*Cinnamomum camphora*	Mature	19	9	1500					1500	1500	Good	Good	Medium	1. Long	Z3	15.0	3.9	Located within corridor. Exempt species. Large multi stem tree.
2972	Willow Bottlebrush	*Callistemon salignus*	Semi-mature	7	2	190					190	230	Good	Fair	Medium	2. Medium	A1	2.3	1.8	Located within adjoining property. Asymmetric crown shape.
2973	Camphor Laurel	*Cinnamomum camphora*	Young	5	2	80	80				113	150	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
2974	Camphor Laurel	*Cinnamomum camphora*	Young	6	2	50	80	80	40		130	180	Good	Fair	Low	5. Small/Young	Z3	2.0	1.6	Located within corridor. Multi stem tree. Exempt species.
2975	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	12	2	150	150				212	300	Good	Fair	Low	2. Medium	Z3	2.5	2.0	Located within corridor. Co-dominant stems. Exempt species.
2976	Indian Coral	*Erythrina x sykesii*	Mature	16	8	1200					1200	1200	Good	Fair	Low	2. Medium	Z3	14.4	3.6	Located within corridor. Exempt species.
2977	Indian Coral	*Erythrina x sykesii*	Semi-mature	9	2	240					240	260	Good	Fair	Low	2. Medium	Z3	2.9	1.9	Located within corridor. Exempt species.
2978	Indian Coral	*Erythrina x sykesii*	Mature	15	3	300	100	100			332	380	Good	Fair	Low	2. Medium	Z3	4.0	2.2	Located within corridor. Exempt species.
2979	Indian Coral	*Erythrina x sykesii*	Mature	15	5	400	300	180	150		552	600	Good	Fair	Low	2. Medium	Z3	6.6	2.7	Located within corridor. Exempt species.
2980	Tree of Heaven	*Ailanthus altissima*	Mature	16	6	500					500	580	Good	Good	Low	2. Medium	Z3	6.0	2.6	Located within corridor. Exempt species.
2981	Tree of Heaven	*Ailanthus altissima*	Mature	18	4	350					350	400	Good	Good	Low	2. Medium	Z3	4.2	2.3	Located within adjoining property. Exempt species.
2982	Willow Bottlebrush	*Callistemon salignus*	Mature	13	2	320					320	350	Good	Good	High	1. Long	A1	3.8	2.1	Located within adjoining property. Area inaccessible.
2983	Tree of Heaven	*Ailanthus altissima*	Semi-mature	14	3	200					200	250	Good	Good	Low	2. Medium	Z3	2.4	1.8	Located within adjoining property. Area inaccessible. Exempt species.
2984	Tallowood	*Eucalyptus microcorys*	Mature	24	6	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Located within adjoining property. Area inaccessible. Tree data estimated from top if embankment.
2985	Silky Oak	*Grevillea robusta*	Semi-mature	10	1	150					150	180	Good	Fair	Medium	2. Medium	A1	2.0	1.6	Located within adjoining property. Area inaccessible. Tree data estimated from top of embankment.
2986	Swamp Oak	*Casuarina glauca*	Mature	17	4	450					450	500	Good	Good	High	1. Long	A1	5.4	2.5	Located within adjoining property. Area inaccessible. Tree data estimated from top of embankment. Possibly more than one tree in this location.
2987	Silky Oak	*Grevillea robusta*	Semi-mature	14	2	220					220	260	Good	Good	Medium	2. Medium	A1	2.6	1.9	Located within adjoining property. Area inaccessible. Tree data estimated from top of embankment.
2988	Swamp Oak	*Casuarina glauca*	Mature	18	3	340					340	440	Good	Good	High	1. Long	A1	4.1	2.3	Located within adjoining property. Area inaccessible. Tree data estimated from top of embankment.
2989	Box Elder	*Acer negundo*	Mature	16	4	450					450	500	Fair	Fair	Low	2. Medium	Z3	5.4	2.5	Located within corridor. Area inaccessible. Tree data estimated from top of embankment. Exempt species.
2990	Bamboo	*Bambusa spp*	Mature	5	1	150					150	NA	Good	Fair	Very Low	5. Small/Young	Z3	2.0	NA	Clump of bamboo located within corridor.
2991	Blueberry Ash	*Elaeocarpus reticulatus*	Mature	8	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within adjoining property. Could not view base of tree. DBH estimated.
2992	Orange Jessamine	*Murraya paniculata*	Semi-mature	5	2	200					200	200	Good	Good	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property. Could not view base of tree. DBH estimated.
2993	Orange Jessamine	*Murraya paniculata*	Semi-mature	5	2	200					200	200	Good	Good	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property. Could not view base of tree. DBH estimated.
2994	Blueberry Ash	*Elaeocarpus reticulatus*	Mature	8	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within adjoining property. Could not view base of tree. DBH estimated.
2995	Orange Jessamine	*Murraya paniculata*	Semi-mature	5	1	200					200	200	Good	Good	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property. Could not view base of tree. DBH estimated.
2996	Broad Leaved Privet	*Ligustrum lucidum*	Young	5	1	150					150	180	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.6	Located within adjoining property. Could not view base of tree. DBH estimated. Exempt species.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
2997	Citrus	*Citrus spp*	Semi-mature	5	2	120					120	150	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within adjoining property. Could not view base of tree. DBH estimated. Exempt species.
2998	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	11	5	480					480	550	Good	Fair	Medium	2. Medium	A1	5.8	2.6	Located within adjoining property. Could not view base of tree. DBH estimated.
2999	Camphor Laurel	*Cinnamomum camphora*	Mature	17	8	1200					1200	1200	Good	Fair	Medium	2. Medium	A1	14.4	3.6	Located within adjoining property. Could not view base of tree. DBH estimated.
3000	Loquat	*Eriobotrya japonica*	Mature	8	2	220					220	250	Good	Good	Low	2. Medium	Z3	2.6	1.8	Located within adjoining property. Could not view base of tree. DBH estimated. Exempt species.
3001	Silky Oak	*Grevillea robusta*	Mature	20	6	650					650	750	Good	Good	High	2. Medium	A1	7.8	2.9	Located within adjoining property. Could not view base of tree. DBH estimated.
3002	Broad Leaved Privet	*Ligustrum lucidum*	Mature	5	2	250					250	250	Good	Fair	Very Low	2. Medium	Z3	3.0	1.8	Located within adjoining property. Could not view base of tree. DBH estimated. Exempt species.
3003	Lilly Pilly	*Acmena smithii*	Semi-mature	6	2	180					180	220	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within adjoining property. Could not view base of tree. DBH estimated.
3004	Bangalow Palm	*Archontophoenix cunninghamiana*	Mature	9	2	250					250	NA	Good	Good	Medium	1. Long	A1	3.0	NA	Located within adjoining property. Could not view base of tree. DBH estimated.
3005	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	3	300					300	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Located within adjoining property. Could not view base of tree. DBH estimated.
3006	Fiddlewood	*Citharexylum spinosum*	Mature	15	5	480					480	550	Good	Good	Medium	2. Medium	A1	5.8	2.6	Located within adjoining property. Could not view base of tree. DBH estimated.
3007	Bay	*Laurus nobilis*	Mature	5	1	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
3008	Bay	*Laurus nobilis*	Mature	5	1	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.
3009	Olive	*Olea europaea*	Semi-mature	4	2	130	130				184	220	Good	Fair	Low	5. Small/Young	Z1	2.2	1.8	Located within corridor.
3010	Silky Oak	*Grevillea robusta*	Semi-mature	4	2	90					90	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located within nature strip.
3011	Port Jackson Fig	*Ficus rubiginosa*	Mature	12	9	850					850	990	Good	Good	Very High	1. Long	A1	10.2	3.3	Located within nature strip.
3012	Port Jackson Fig	*Ficus rubiginosa*	Mature	12	10	1010					1010	1240	Good	Good	Very High	1. Long	A1	12.1	3.6	Located within nature strip.
3013	Port Jackson Fig	*Ficus rubiginosa*	Mature	9	5	400	400	380			681	900	Fair	Fair	High	2. Medium	A2	8.2	3.2	Located within nature strip. Low foliage density for species. Monitor health.
3014	Port Jackson Fig	*Ficus rubiginosa*	Mature	9	4	500					500	560	Fair	Good	High	2. Medium	A2	6.0	2.6	Located within nature strip. Low foliage density for species. Monitor health.
3015	Port Jackson Fig	*Ficus rubiginosa*	Mature	12	9	1100					1100	1100	Good	Good	Very High	1. Long	A1	13.2	3.4	Located within nature strip.
3016	Port Jackson Fig	*Ficus rubiginosa*	Mature	11	8	820					820	990	Good	Good	Very High	1. Long	A1	9.8	3.3	Located within nature strip.
3017	Port Jackson Fig	*Ficus rubiginosa*	Mature	10	8	850					850	950	Good	Good	Very High	1. Long	A1	10.2	3.2	Located within nature strip.
3018	Port Jackson Fig	*Ficus rubiginosa*	Mature	10	7	440	270	300			597	950	Good	Good	Very High	1. Long	A1	7.2	3.2	Located within nature strip.
3019	Port Jackson Fig	*Ficus rubiginosa*	Mature	10	8	540	310	260	350		760	1050	Good	Good	Very High	1. Long	A1	9.1	3.4	Located within nature strip.
3020	Queensland Brushbox	*Lophostemon confertus*	Mature	10	4	410					410	460	Good	Good	High	1. Long	A1	4.9	2.4	Located within nature strip. Trunk wound and borer damage to North.
3021	Queensland Brushbox	*Lophostemon confertus*	Mature	10	6	520					520	590	Good	Good	High	1. Long	A1	6.2	2.7	Located within nature strip.
3022	Port Jackson Fig	*Ficus rubiginosa*	Mature	9	5	400	300				500	500	Good	Good	High	1. Long	A1	6.0	2.5	Located within nature strip.
3023	Port Jackson Fig	*Ficus rubiginosa*	Mature	10	8	520	340	320			699	990	Good	Good	Very High	1. Long	A1	8.4	3.3	Located within nature strip.
3024	White Cedar	*Melia azedarach*	Semi-mature	5	2	120	100	90			180	300	Good	Fair	Low	5. Small/Young	Z3	2.2	2.0	Located within corridor. Exempt species.
3025	Port Jackson Fig	*Ficus rubiginosa*	Mature	11	7	750					750	800	Fair	Fair	High	3. Short	Z4	9.0	3.0	Located within nature strip. Low foliage density for species with epicormic growth only. Tree is in decline.
3026	Port Jackson Fig	*Ficus rubiginosa*	Mature	12	9	1250					1250	1400	Good	Good	Very High	1. Long	A1	15.0	3.8	Located within nature strip.
3027	Chinese Hackberry	*Celtis sinensis*	Young	5	1	120					120	150	Good	Good	Very Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
3028	Eucalypt	*Eucalyptus spp*	Semi-mature	4	2	180					180	250	Fair	Fair	Low	5. Small/Young	Z10	2.2	1.8	Located within nature strip. Multiple trunk wounds.
3029	Port Jackson Fig	*Ficus rubiginosa*	Mature	7	5	500					500	550	Fair	Fair	High	2. Medium	A2	6.0	2.6	Located within nature strip. Low foliage density for species. Trunk wounds.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
3030	White Cedar	*Melia azedarach*	Young	5	1	120					120	150	Good	Fair	Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.
3031	Port Jackson Fig	*Ficus rubiginosa*	Mature	12	8	1100					1100	1200	Fair	Good	Very High	2. Medium	A2	13.2	3.6	Located within nature strip. Low foliage density for species. Monitor health.
3032	Port Jackson Fig	*Ficus rubiginosa*	Mature	12	9	1100					1100	1100	Good	Good	Very High	1. Long	A1	13.2	3.4	Located within nature strip.
3033	Weeping Bottlebrush	*Callistemon viminalis*	Mature	7	3	350					350	380	Good	Good	Medium	1. Long	A1	4.2	2.2	Located within nature strip.
3034	Port Jackson Fig	*Ficus rubiginosa*	Semi-mature	8	3	340					340	400	Good	Good	High	1. Long	A1	4.1	2.3	Located within nature strip.
3035	Sydney Blue Gum	*Eucalyptus saligna*	Mature	12	4	370					370	400	Good	Good	High	1. Long	A1	4.4	2.3	Located within nature strip. Adjacent to fence.
3036	Chinese Hackberry	*Celtis sinensis*	Mature	9	4	400					400	400	Good	Fair	Low	2. Medium	Z3	4.8	2.3	Located within corridor. Exempt species.
3037	White Cedar	*Melia azedarach*	Semi-mature	8	2	100	170				197	240	Good	Fair	Low	2. Medium	Z3	2.4	1.8	Located within corridor. Exempt species.
3038	Camphor Laurel	*Cinnamomum camphora*	Mature	12	7	850					850	850	Good	Good	Medium	2. Medium	Z3	10.2	3.1	Located within corridor. Exempt species.
3039	Wattle	*Acacia spp*	Mature	9	2	220					220	250	Good	Fair	Medium	3. Short	Z10	2.6	1.8	Located within corridor. Significant trunk lean towards footpath.
3040	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	2	100	100				141	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. Exempt species.
3041	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	9	2	250					250	250	Good	Fair	Low	2. Medium	Z3	3.0	1.8	Located within corridor. Exempt species.
3042	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	9	2	100	150	150			235	350	Good	Fair	Low	2. Medium	Z3	2.8	2.1	Located within corridor. Exempt species.
3043	River She Oak	*Casuarina cunninghamiana*	Mature	17	6	550					550	650	Good	Good	Very High	1. Long	A1	6.6	2.8	Located within park.
3044	River She Oak	*Casuarina cunninghamiana*	Mature	18	7	640					640	750	Good	Good	Very High	1. Long	A1	7.7	2.9	Located within park.
3045	River She Oak	*Casuarina cunninghamiana*	Mature	12	4	330					330	450	Good	Good	High	1. Long	A1	4.0	2.4	Located within park.
3046	River She Oak	*Casuarina cunninghamiana*	Mature	18	3	300					300	390	Good	Good	High	1. Long	A1	3.6	2.2	Located within park.
3047	River She Oak	*Casuarina cunninghamiana*	Mature	20	5	540					540	620	Good	Good	Very High	1. Long	A1	6.5	2.7	Located within park.
3048	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	2	180					180	210	Good	Good	Medium	1. Long	A1	2.2	1.7	Located within park.
3049	River She Oak	*Casuarina cunninghamiana*	Mature	22	5	450					450	550	Good	Good	High	1. Long	A1	5.4	2.6	Located within park.
3050	River She Oak	*Casuarina cunninghamiana*	Mature	18	4	390					390	450	Good	Good	High	1. Long	A1	4.7	2.4	Located within park.
3051	River She Oak	*Casuarina cunninghamiana*	Mature	22	6	530					530	650	Good	Good	Very High	1. Long	A1	6.4	2.8	Located within park.
3052	River She Oak	*Casuarina cunninghamiana*	Mature	18	5	460					460	530	Good	Good	High	1. Long	A1	5.5	2.5	Located within park.
3053	River She Oak	*Casuarina cunninghamiana*	Mature	12	7	650					650	780	Good	Good	Very High	1. Long	A1	7.8	3.0	Located within park.
3054	Eucalypt	*Eucalyptus spp*	Semi-mature	6	2	180					180	250	Fair	Good	Medium	2. Medium	A2	2.2	1.8	Located within park. Low foliage density for species.
3055	Bangalay	*Eucalyptus botryoides*	Semi-mature	7	2	160					160	230	Good	Good	Medium	1. Long	A1	2.0	1.8	Located within park.
3056	Forest Oak	*Allocasuarina torulosa*	Mature	10	4	450					450	460	Good	Good	High	1. Long	A1	5.4	2.4	Located within park.
3057	Forest Oak	*Allocasuarina torulosa*	Mature	10	4	380	260	220			510	500	Good	Good	High	1. Long	A1	6.1	2.5	Located within park.
3058	Forest Oak	*Allocasuarina torulosa*	Mature	10	4	490					490	520	Good	Good	High	1. Long	A1	5.9	2.5	Located within park.
3059	River She Oak	*Casuarina cunninghamiana*	Mature	20	6	640					640	700	Good	Good	Very High	1. Long	A1	7.7	2.8	Located within park.
3060	River She Oak	*Casuarina cunninghamiana*	Mature	20	5	470					470	550	Good	Fair	High	2. Medium	A1	5.6	2.6	Located within park. Co-dominant stems with bark inclusion.
3061	River She Oak	*Casuarina cunninghamiana*	Mature	19	5	450					450	550	Good	Good	High	1. Long	A1	5.4	2.6	Located within park.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
3062	River She Oak	*Casuarina cunninghamiana*	Mature	18	6	560					560	620	Good	Good	High	1. Long	A1	6.7	2.7	Located within park.
3063	River She Oak	*Casuarina cunninghamiana*	Mature	20	5	450					450	550	Good	Good	High	1. Long	A1	5.4	2.6	Located within park.
3064	River She Oak	*Casuarina cunninghamiana*	Mature	19	5	440					440	460	Good	Good	High	1. Long	A1	5.3	2.4	Located within park.
3065	River She Oak	*Casuarina cunninghamiana*	Mature	21	7	660					660	750	Good	Good	Very High	1. Long	A1	7.9	2.9	Located within park.
3066	River She Oak	*Casuarina cunninghamiana*	Mature	17	4	380					380	440	Good	Good	High	1. Long	A1	4.6	2.3	Located within park.
3067	River She Oak	*Casuarina cunninghamiana*	Mature	16	4	400					400	490	Good	Good	High	1. Long	A1	4.8	2.5	Located within park.
3068	River She Oak	*Casuarina cunninghamiana*	Mature	19	6	540					540	620	Good	Good	Very High	1. Long	A1	6.5	2.7	Located within park.
3069	River She Oak	*Casuarina cunninghamiana*	Mature	18	4	430					430	490	Good	Good	High	1. Long	A1	5.2	2.5	Located within park.
3070	River She Oak	*Casuarina cunninghamiana*	Mature	20	6	530					530	650	Good	Good	Very High	1. Long	A1	6.4	2.8	Located within park.
3071	River She Oak	*Casuarina cunninghamiana*	Mature	19	6	570					570	650	Good	Good	Very High	1. Long	A1	6.8	2.8	Located within park.
3072	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	6	2	400					400	450	Good	Fair	Low	3. Short	Z3	4.8	2.4	Located within adjoining property. Could not view base of tree. DBH estimated. Topped for power line clearance. Exempt species.
3073	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	6	2	400					400	450	Good	Fair	Low	3. Short	Z3	4.8	2.4	Located within adjoining property. Could not view base of tree. DBH estimated. Topped for power line clearance. Exempt species.
3074	Chinese Hackberry	*Celtis sinensis*	Mature	6	4	480					480	500	Good	Fair	Low	2. Medium	Z3	5.8	2.5	Located within adjoining property. Could not view base of tree. DBH estimated. Growing under power lines. Exempt species.
3075	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	4	2	300					300	300	Good	Fair	Very Low	5. Small/Young	Z3	3.6	2.0	Located within corridor. Exempt species.
3076	Wattle	*Acacia spp*	Semi-mature	6	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within adjoining property. Could not view base of tree. DBH estimated.
3077	Lilly Pilly	*Syzygium spp*	Young	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within adjoining property. Could not view base of tree. DBH estimated.
3078	Wattle	*Acacia spp*	Semi-mature	6	1	180					180	200	Good	Fair	Low	5. Small/Young	Z1	2.2	1.7	Located within adjoining property. Could not view base of tree. DBH estimated.
3079	Photinia Robusta	*Photinia robusta*	Mature	6	2	280					280	350	Good	Good	Medium	1. Long	A1	3.4	2.1	Located within adjoining property. Could not view base of tree. DBH estimated.
3080	Orange Jessamine	*Murraya paniculata*	Semi-mature	6	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property. Could not view base of tree. DBH estimated.
3081	Orange Jessamine	*Murraya paniculata*	Semi-mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property. Could not view base of tree. DBH estimated.
3082	Orange Jessamine	*Murraya paniculata*	Semi-mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within adjoining property. Could not view base of tree. DBH estimated.
3083	Wych Elm	*Ulmus glabra*	Mature	150	2	150	220				266	400	Good	Fair	Medium	3. Short	Z10	3.2	2.3	Located within corridor. Topped for power line clearance.
3084	Wych Elm	*Ulmus glabra*	Mature	6	2	250					250	300	Good	Fair	Medium	3. Short	Z10	3.0	2.0	Located within corridor. Topped for power line clearance.
3085	Wych Elm	*Ulmus glabra*	Mature	6	2	220					220	250	Good	Fair	Medium	3. Short	Z10	2.6	1.8	Poor overall form.
3086	Wych Elm	*Ulmus glabra*	Mature	6	2	300					300	350	Good	Fair	Medium	3. Short	Z10	3.6	2.1	Located within corridor. Topped for power line clearance.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
3087	Chinese Hackberry	*Celtis sinensis*	Mature	6	2	200	200	200			346	550	Good	Fair	Low	2. Medium	Z3	4.2	2.6	Area inaccessible. Tree data estimated from other side of tracks. Exempt species.
3088	Chinese Hackberry	*Celtis sinensis*	Semi-mature	6	2	100	120				156	200	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.7	Area inaccessible. Tree data estimated from other side of tracks. Exempt species.
3089	Chinese Hackberry	*Celtis sinensis*	Semi-mature	6	2	150	150				212	350	Good	Fair	Low	2. Medium	Z3	2.5	2.1	Area inaccessible. Tree data estimated from other side of tracks. Exempt species.
3090	Camphor Laurel	*Cinnamomum camphora*	Mature	11	3	350					350	350	Good	Fair	Low	2. Medium	Z3	4.2	2.1	Area inaccessible. Tree data estimated from other side of tracks. Exempt species.
3091	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	300	Good	Fair	Low	2. Medium	Z3	3.6	2.0	Area inaccessible. Tree data estimated from other side of tracks. Exempt species.
3092	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	300	Good	Fair	Low	2. Medium	Z3	3.6	2.0	Area inaccessible. Tree data estimated from other side of tracks. Exempt species.
3093	Chinese Hackberry	*Celtis sinensis*	Semi-mature	9	2	200					200	250	Good	Fair	Low	2. Medium	Z3	2.4	1.8	Area inaccessible. Tree data estimated from other side of tracks. Exempt species.
3094	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	7	3	300					300	330	Good	Good	Medium	1. Long	A1	3.6	2.1	Area inaccessible. Tree data estimated from other side of tracks.
3095	Chinese Hackberry	*Celtis sinensis*	Young	5	1	80	80				113	150	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.5	Area inaccessible. Tree data estimated from other side of tracks. Exempt species.
3096	Weeping Bottlebrush	*Callistemon viminalis*	Mature	9	4	500					500	550	Good	Good	Medium	1. Long	A1	6.0	2.6	Area inaccessible. Tree data estimated from other side of tracks.
3097	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	16	5	460					460	550	Good	Good	High	1. Long	A1	5.5	2.6	Area inaccessible. Tree data estimated from other side of tracks.
3098	Golden Robinia	*Robinia pseudoacacia 'Frisia'*	Semi-mature	8	2	150					150	180	Fair	Fair	Low	2. Medium	Z3	2.0	1.6	Area inaccessible. Tree data estimated from other side of tracks. Exempt species.
3099	Swamp Oak	*Casuarina glauca*	Mature	9	2	400					400	450	Fair	Fair	Medium	3. Short	Z10	4.8	2.4	Area inaccessible. Tree data estimated from other side of tracks. Suppressed by vine cover.
3101	Fiddlewood	*Citharexylum spinosum*	Mature	15	5	600					600	600	Good	Fair	Medium	3. Short	Z3	7.2	2.7	Exempt species. Topped for power line clearance.
3103	Willow Myrtle	*Agonis flexuosa*	Semi-mature	6	4	600					600	600	Good	Fair	Medium	3. Short	Z10	7.2	2.7	Topped for power line clearance.
3104	Chinese Tallo	*Triadica sebifera*	Mature	8	2	250					250	280	Good	Fair	Medium	3. Short	Z10	3.0	1.9	Topped for power line clearance.
3105	River She Oak	*Casuarina cunninghamiana*	Mature	10	3	440					440	550	Good	Fair	High	3. Short	Z10	5.3	2.6	Topped for power line clearance.
3106	River She Oak	*Casuarina cunninghamiana*	Semi-mature	9	2	320					320	350	Good	Fair	Medium	3. Short	Z10	3.8	2.1	Topped for power line clearance.
3100	Forest Oak	*Allocasuarina torulosa*	Semi-mature	6	2	170					170	190	Good	Fair	Medium	3. Short	Z10	2.0	1.6	Topped for power line clearance.
3102	Black Peppermint	*Eucalyptus nicholii*	Mature	10	5	380					380	440	Good	Fair	Medium	3. Short	Z10	4.6	2.3	Growing under power lines. Poor overall form.
3107	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	7	4	390					390	460	Good	Good	Medium	1. Long	A1	4.7	2.4	Located within nature strip.
3108	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	300					300	300	Good	Good	Low	5. Small/Young	Z1	3.6	2.0	Located within nature strip. DBH measured at base.
3109	Silky Oak	*Grevillea robusta*	Semi-mature	6	2	350					350	350	Good	Fair	Low	3. Short	Z10	4.2	2.1	Located within corridor. Multi stem tree topped for power line clearance.
3110	Sydney Blue Gum	*Eucalyptus saligna*	Mature	9	10	1400					1400	1500	Good	Fair	Very High	2. Medium	A2	15.0	3.9	Topped for power line clearance. Adapted to growing conditions.
3111	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	1	90	100	50	40		149	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within nature strip.
3112	Native Franjipani	*Hymenosporum flavum*	Young	7	1	90					90	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip. Previous failure of co-dominant stems at 1m.
3113	Illawara Flame	*Brachychiton acerifolius*	Semi-mature	8	2	140	180				228	250	Good	Fair	Medium	2. Medium	A1	2.7	1.8	Located within nature strip. Co-dominant stems.
3114	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	150	100				180	200	Good	Fair	Low	5. Small/Young	Z1	2.2	1.7	Located within nature strip.
3115	Silky Oak	*Grevillea robusta*	Mature	9	4	400					400	450	Good	Fair	Medium	3. Short	Z10	4.8	2.4	Located within nature strip. Topped for power lines.
3116	Wattle	*Acacia spp*	Semi-mature	5	2	120					120	150	Good	Fair	Low	3. Short	Z10	2.0	1.5	Located within nature strip. Significant trunk lean to street.

Appendix 1 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
3117	Illawara Flame	*Brachychiton acerifolius*	Semi-mature	4	2	180					180	220	Good	Fair	Low	3. Short	Z10	2.2	1.8	Located within nature strip. Topped for power line clearance.
3118	Swamp Oak	*Casuarina glauca*	Semi-mature	8	2	250					250	280	Good	Fair	Medium	3. Short	Z10	3.0	1.9	Located within nature strip. Topped for power line clearance.
3119	Illawara Flame	*Brachychiton acerifolius*	Mature	8	2	290					290	330	Good	Fair	Medium	3. Short	Z10	3.5	2.1	Located within nature strip. Topped for power line clearance.
3120	Wattle	*Acacia spp*	Young	4	1	80	80				113	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
3121	Weeping Bottlebrush	*Callistemon viminalis*	Young	5	2	100	120				156	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within nature strip.
3122	Silky Oak	*Grevillea robusta*	Mature	10	5	500					500	580	Good	Fair	Medium	3. Short	Z10	6.0	2.6	Located within nature strip. Topped for power line clearance.
3123	Weeping Bottlebrush	*Callistemon viminalis*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
3124	River She Oak	*Casuarina cunninghamiana*	Young	4	1	140					140	160	Good	Fair	Low	3. Short	Z10	2.0	1.5	Located within corridor. Topped for power line clearance.
3125	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	400					400	420	Good	Fair	Low	5. Small/Young	Z1	4.8	2.3	Located within nature strip.
3126	Parramatta Wattle	*Acacia parramattensis*	Mature	6	2	200					200	220	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Located within corridor.
3127	Swamp Oak	*Casuarina glauca*	Young	5	1	110					110	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.
3128	Swamp Oak	*Casuarina glauca*	Mature	6	4	400					400	450	Good	Fair	Medium	3. Short	Z10	4.8	2.4	Located within nature strip. Topped for power line clearance.
3129	Swamp Oak	*Casuarina glauca*	Semi-mature	6	2	280					280	300	Good	Fair	Medium	3. Short	Z10	3.4	2.0	Located within nature strip. Topped for power line clearance.
3130	Swamp Oak	*Casuarina glauca*	Semi-mature	6	2	250					250	280	Good	Fair	Medium	3. Short	Z10	3.0	1.9	Located within nature strip. Topped for power line clearance.
3131	River She Oak	*Casuarina cunninghamiana*	Mature	12	5	410					410	500	Good	Fair	High	2. Medium	A1	4.9	2.5	Located within nature strip. Asymmetric crown shape due to power line clearance.
3132	River She Oak	*Casuarina cunninghamiana*	Mature	12	4	400					400	450	Good	Fair	High	2. Medium	A1	4.8	2.4	Located within nature strip. Asymmetric crown shape due to power line clearance.
3133	River She Oak	*Casuarina cunninghamiana*	Semi-mature	7	3	240					240	320	Good	Fair	Medium	2. Medium	A1	2.9	2.1	Located within nature strip. Asymmetric crown shape due to power line clearance.
3134	River She Oak	*Casuarina cunninghamiana*	Mature	12	5	440					440	490	Good	Fair	Medium	2. Medium	A1	5.3	2.5	Located within nature strip. Asymmetric crown shape due to power line clearance.
3135	River She Oak	*Casuarina cunninghamiana*	Semi-mature	7	2	210					210	260	Good	Fair	Medium	2. Medium	A1	2.5	1.9	Located within nature strip. Asymmetric crown shape due to power line clearance.
3136	River She Oak	*Casuarina cunninghamiana*	Mature	12	5	480					480	580	Good	Fair	High	2. Medium	A1	5.8	2.6	Located within nature strip. Asymmetric crown shape due to power line clearance.
3137	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	4	300					300	350	Good	Fair	Medium	2. Medium	A1	3.6	2.1	Located within nature strip. Asymmetric crown shape due to power line clearance.
3138	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	3	290					290	350	Good	Fair	Medium	2. Medium	A1	3.5	2.1	Located within nature strip. Asymmetric crown shape due to power line clearance.
3139	River She Oak	*Casuarina cunninghamiana*	Mature	12	5	470					470	580	Good	Fair	High	2. Medium	A1	5.6	2.6	Located within nature strip. Asymmetric crown shape due to power line clearance.
3140	River She Oak	*Casuarina cunninghamiana*	Mature	10	4	420					420	520	Good	Fair	High	2. Medium	A1	5.0	2.5	Located within nature strip. Asymmetric crown shape due to power line clearance.
3141	River She Oak	*Casuarina cunninghamiana*	Mature	10	3	310					310	450	Good	Fair	High	2. Medium	A1	3.7	2.4	Located within nature strip. Asymmetric crown shape due to power line clearance.
3142	River She Oak	*Casuarina cunninghamiana*	Mature	11	5	470					470	560	Good	Fair	High	2. Medium	A1	5.6	2.6	Located within nature strip. Asymmetric crown shape due to power line clearance.
3144	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	9	4	210	210				297	390	Good	Fair	Medium	2. Medium	A1	3.6	2.2	Located within nature strip. Co-dominant stems with trunk lean to North.
3145	Unknown	*Unknown spp*	Mature	8	4	520					520	550	Good	Good	Medium	1. Long	A1	6.2	2.6	Located within nature strip.
3143	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Located within corridor. Exempt species.
3146	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200					200	220	Fair	Fair	Low	3. Short	Z4	2.4	1.8	Located within corridor. Early stages of decline.
3147	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	250	150				292	350	Good	Fair	Medium	2. Medium	A1	3.5	2.1	Located within corridor.
3148	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	450					450	450	Good	Fair	Low	2. Medium	Z3	5.4	2.4	Located within corridor. Exempt species.
3149	Corkscrew Willow	*Salix matsudana 'Tortuosa'*	Semi-mature	6	2	350					350	350	Good	Fair	Medium	2. Medium	A1	4.2	2.1	Located within adjoining property. DBH estimated.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
3150	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	300	Good	Fair	Low	2. Medium	Z3	3.6	2.0	Located within corridor. Exempt species.
3151	Red Flowering Gum	*Corymbia ficifolia*	Semi-mature	5	1	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within adjoining property. DBH estimated.
3152	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	19	7	650					650	750	Good	Good	High	2. Medium	A1	7.8	2.9	Located within adjoining property. DBH estimated.
3153	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	250					250	300	Good	Fair	Low	2. Medium	Z3	3.0	2.0	Located within corridor. Exempt species.
3154	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	150					150	180	Good	Fair	Low	5. Small/Young	Z3	2.0	1.6	Located within corridor. Exempt species.
3155	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	450					450	450	Good	Fair	Low	3. Short	Z3	5.4	2.4	Located within corridor. Exempt species.
3156	Camphor Laurel	*Cinnamomum camphora*	Mature	7	5	550					550	600	Good	Fair	Low	3. Short	Z3	6.6	2.7	Located within corridor. Exempt species. Topped.
3157	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	350	Fair	Fair	Low	3. Short	Z3	3.6	2.1	Located within corridor. Exempt species. Topped for power line clearance.
3158	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	300					300	350	Fair	Fair	Low	3. Short	Z3	3.6	2.1	Located within corridor. Exempt species. Topped for power line clearance.
3159	Bangalow Palm	*Archontophoenix cunninghamiana*	Semi-mature	5	1	150					150	NA	Good	Good	Low	1. Long	Z3	2.0	NA	Located within adjoining property.
3160	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	200	200	150			320	350	Good	Fair	Low	2. Medium	Z3	3.8	2.1	Located within corridor. Exempt species. Topped for power line clearance.
3161	Camphor Laurel	*Cinnamomum camphora*	Mature	6	2	340					340	400	Fair	Fair	Low	3. Short	Z3	4.1	2.3	Located within corridor. Exempt species. Topped for power line clearance.
3162	Mango	*Mangifera indica*	Semi-mature	4	2	150					150	180	Good	Good	Low	5. Small/Young	Z3	2.0	1.6	Located within adjoining property. Exempt species.
3163	Camphor Laurel	*Cinnamomum camphora*	Mature	5	2	400					400	400	Good	Fair	Low	3. Short	Z3	4.8	2.3	Located within corridor. Exempt species. Topped for power line clearance.
3164	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	150	180				234	300	Good	Fair	Low	3. Short	Z3	2.8	2.0	Located within corridor. Exempt species. Topped for power line clearance.
3165	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	210					210	250	Good	Fair	Low	3. Short	Z3	2.5	1.8	Located within corridor. Exempt species. Topped for power line clearance.
3166	Wattle	*Acacia spp*	Semi-mature	5	2	200					200	200	Good	Good	Medium	2. Medium	A1	2.4	1.7	Located within adjoining property. DBH estimated.
3167	Camphor Laurel	*Cinnamomum camphora*	Mature	4	2	450					450	450	Good	Fair	Low	3. Short	Z3	5.4	2.4	Located within corridor. Exempt species. Topped for power line clearance.
3168	Spotted Gum	*Corymbia maculata*	Mature	20	7	700					700	800	Good	Fair	High	2. Medium	A1	8.4	3.0	Located within adjoining property. Asymmetric crown shape due to power line clearance.
3169	Guava	*Psidium guajava*	Semi-mature	5	2	200					200	220	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	Located within adjoining property.
3170	Chinese Hackberry	*Celtis sinensis*	Young	5	1	100	100				141	200	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.7	Located within corridor. Exempt species.
3171	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	140	140				198	320	Good	Fair	Low	2. Medium	Z3	2.4	2.1	Located within nature strip. Exempt species.
3172	Queensland Brushbox	*Lophostemon confertus*	Young	5	1	120	100				156	250	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within corridor.
3173	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	4	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Located within corridor. Exempt species.
3174	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	260					260	350	Fair	Fair	Low	3. Short	Z10	3.1	2.1	Located within corridor. Directly adjacent to fence.
3175	Ash 'Raywood'	*Fraxinus raywood*	Semi-mature	6	2	140					140	200	Good	Fair	Medium	2. Medium	A1	2.0	1.7	Located within nature strip.
3176	Crimson Bottlebrush	*Callistemon citrinus*	Semi-mature	4	1	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
3177	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	6	2	250					250	250	Good	Fair	Very Low	5. Small/Young	Z3	3.0	1.8	Located within corridor. Exempt species.
3178	Sydney Green Wattle	*Acacia decurrens*	Mature	8	2	190					190	210	Fair	Fair	Medium	3. Short	Z4	2.3	1.7	Located within nature strip. Low foliage density for species. In decline.
3179	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	300					300	300	Good	Fair	Low	2. Medium	Z3	3.6	2.0	Located within corridor. Exempt species.
3180	Forest Red Gum	*Eucalyptus tereticornis*	Mature	12	5	450					450	550	Fair	Fair	High	2. Medium	A2	5.4	2.6	Located within corridor. Asymmetric crown shape due to power line clearance. Low foliage density for species.
3181	Ash 'Raywood'	*Fraxinus raywood*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.
3182	Swamp Oak	*Casuarina glauca*	Semi-mature	5	2	200					200	250	Fair	Fair	Medium	3. Short	Z10	2.4	1.8	Area inaccessible. Tree data estimated from opposite side of tracks. Topped.
3183	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	9	2	500					500	550	Good	Fair	Low	2. Medium	Z3	6.0	2.6	Area inaccessible. Tree data estimated from opposite side of tracks. Exempt species.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
3184	Silky Oak	*Grevillea robusta*	Mature	5	3	300					300	350	Good	Fair	Medium	3. Short	Z10	3.6	2.1	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3185	Swamp Oak	*Casuarina glauca*	Semi-mature	5	1	150					150	180	Fair	Fair	Medium	3. Short	Z10	2.0	1.6	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3186	Swamp Oak	*Casuarina glauca*	Mature	7	2	300					300	350	Fair	Fair	Medium	3. Short	Z10	3.6	2.1	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3187	Swamp Oak	*Casuarina glauca*	Semi-mature	5	2	250					250	280	Fair	Fair	Medium	3. Short	Z10	3.0	1.9	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3188	Swamp Oak	*Casuarina glauca*	Semi-mature	5	1	200					200	250	Fair	Fair	Medium	3. Short	Z10	2.4	1.8	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3189	Swamp Oak	*Casuarina glauca*	Semi-mature	5	1	200					200	250	Fair	Fair	Medium	3. Short	Z10	2.4	1.8	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3190	Swamp Oak	*Casuarina glauca*	Semi-mature	5	1	200					200	250	Fair	Fair	Medium	3. Short	Z10	2.4	1.8	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3191	Common or Black Mulberry	*Morus nigra*	Mature	8	3	400					400	450	Good	Fair	Low	3. Short	Z3	4.8	2.4	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance. Exempt species.
3192	Smooth Barked Apple	*Angophora costata*	Mature	11	4	400					400	450	Good	Fair	High	2. Medium	A1	4.8	2.4	Area inaccessible. Tree data estimated from opposite side of tracks. Asymmetric crown shape due to power line clearance.
3193	Swamp Oak	*Casuarina glauca*	Semi-mature	8	2	200					200	250	Good	Fair	Medium	3. Short	Z10	2.4	1.8	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3194	Swamp Oak	*Casuarina glauca*	Young	6	1	100					100	120	Good	Fair	Low	5. Small/Young	Z10	2.0	1.5	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3195	Swamp Oak	*Casuarina glauca*	Semi-mature	5	1	120					120	120	Good	Fair	Low	3. Short	Z10	2.0	1.5	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3196	Swamp Oak	*Casuarina glauca*	Semi-mature	6	1	200					200	250	Good	Fair	Low	3. Short	Z10	2.4	1.8	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3197	Broad Leaved Privet	*Ligustrum lucidum*	Mature	10	5	500					500	550	Good	Fair	Very Low	2. Medium	Z3	6.0	2.6	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance. Exempt species.
3198	Indian Coral	*Erythrina x sykesii*	Mature	9	6	400	350				532	600	Poor	Poor	Very Low	4. Remove	Z4	6.4	2.7	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance. Exempt species. Poor condition.
3199	Sweet Pittosporum	*Pittosporum undulatum*	Mature	9	3	250					250	300	Good	Good	Medium	1. Long	A1	3.0	2.0	Area inaccessible. Tree data estimated from opposite side of tracks.
3200	Common or Black Mulberry	*Morus nigra*	Semi-mature	7	2	200	180				269	250	Good	Fair	Very Low	5. Small/Young	Z3	3.2	1.8	Area inaccessible. Tree data estimated from opposite side of tracks. Exempt species.
3201	Black Peppermint	*Eucalyptus nicholii*	Mature	14	5	450					450	500	Good	Good	High	2. Medium	A1	5.4	2.5	Area inaccessible. Tree data estimated from opposite side of tracks.
3202	Broad Leaved Privet	*Ligustrum lucidum*	Mature	8	2	300					300	350	Good	Fair	Very Low	2. Medium	Z3	3.6	2.1	Area inaccessible. Tree data estimated from opposite side of tracks. Exempt species.
3203	Hills Weeping Fig	*Ficus macrocarpa var. hillii*	Mature	19	8	800					800	850	Good	Fair	High	2. Medium	A1	9.6	3.1	Area inaccessible. Tree data estimated from opposite side of tracks. Asymmetric crown shape due to power line clearance.
3206	Common or Black Mulberry	*Morus nigra*	Mature	6	3	300	300				424	600	Good	Fair	Low	3. Short	Z3	5.1	2.7	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3207	Sydney Blue Gum	*Eucalyptus saligna*	Mature	27	6	500					500	590	Good	Good	High	1. Long	A1	6.0	2.7	Area inaccessible. Tree data estimated from opposite side of tracks.
3208	Italian Cypress	*Cupressus sempervirens*	Mature	14	2	500					500	550	Good	Good	Medium	1. Long	A1	6.0	2.6	Area inaccessible. Tree data estimated from opposite side of tracks.

Appendix 1 - Tree Inspection Schedule

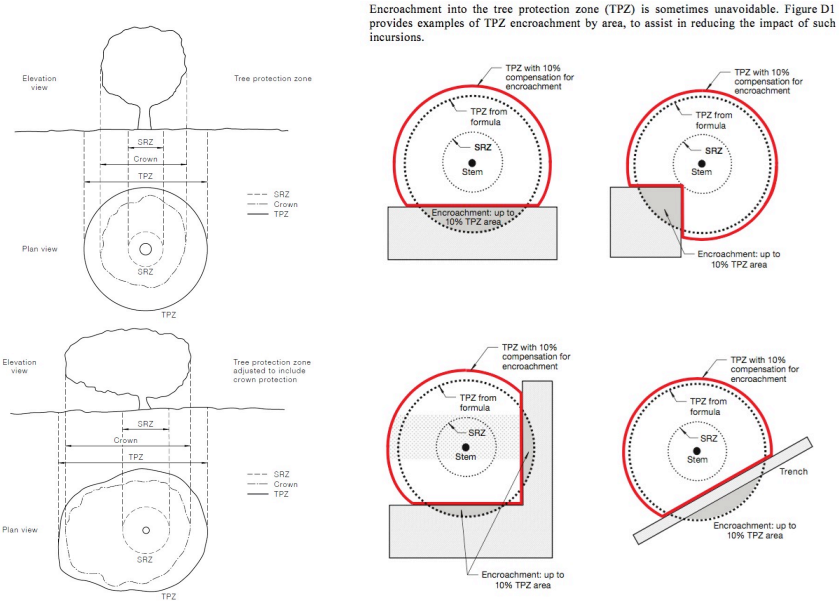
Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
3204	Swamp Oak	*Casuarina glauca*	Semi-mature	6	1	200					200	220	Fair	Fair	Low	3. Short	Z10	2.4	1.8	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3205	Swamp Oak	*Casuarina glauca*	Semi-mature	6	1	200					200	250	Good	Fair	Low	3. Short	Z10	2.4	1.8	Area inaccessible. Tree data estimated from opposite side of tracks. Topped for power line clearance.
3209	Leyland Cypress	*X Cupressocyparis leylandii*	Mature	9	4	500					500	550	Good	Fair	Low	2. Medium	Z3	6.0	2.6	Located in adjoining property. DBH estimated. Exempt species.
3210	Chinese Hackberry	*Celtis sinensis*	Semi-mature	5	1	100	100				141	200	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.7	Located in adjoining property. DBH estimated. Exempt species.
3211	Wattle	*Acacia spp*	Mature	5	2	180	200	100			287	350	Fair	Fair	Low	3. Short	Z10	3.4	2.1	Located within corridor. Poor overall form.
3212	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	2	300					300	300	Good	Good	Medium	2. Medium	A1	3.6	2.0	Located within corridor. Multi stem tree.
3213	Wattle	*Acacia spp*	Semi-mature	5	1	150					150	190	Good	Fair	Medium	2. Medium	A1	2.0	1.6	Located within corridor.
3214	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	7	2	150	210				258	300	Good	Good	Medium	1. Long	A1	3.1	2.0	Located within corridor.
3215	Wattle	*Acacia spp*	Mature	6	2	250					250	250	Fair	Fair	Medium	3. Short	Z10	3.0	1.8	Located within corridor. Poor overall form. Vine cover throughout crown.
3216	Chinese Tallo	*Triadica sebifera*	Semi-mature	5	2	180					180	220	Good	Fair	Low	3. Short	Z10	2.2	1.8	Located within corridor. Topped for power line clearance.
3217	Chinese Hackberry	*Celtis sinensis*	Mature	8	3	280					280	350	Good	Good	Low	2. Medium	Z3	3.4	2.1	Located within adjoining property. Exempt species.
3218	Black She Oak	*Allocasuarina littoralis*	Semi-mature	8	2	200					200	220	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Located within corridor. DBH estimated.
3219	Black She Oak	*Allocasuarina littoralis*	Semi-mature	8	2	200					200	220	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Located within corridor. DBH estimated.
3220	Black She Oak	*Allocasuarina littoralis*	Mature	8	3	300					300	350	Good	Fair	Medium	2. Medium	A1	3.6	2.1	Located within corridor. DBH estimated.
3221	Swamp Oak	*Casuarina glauca*	Mature	14	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	Located within corridor. DBH estimated.
3222	Grey Ironbark	*Eucalyptus paniculata*	Mature	10	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Located within corridor. DBH estimated.
3223	Smooth Barked Apple	*Angophora costata*	Mature	21	5	450	300				541	600	Good	Good	Very High	1. Long	A1	6.5	2.7	Located within corridor. DBH estimated.
3224	Swamp Oak	*Casuarina glauca*	Mature	10	3	300					300	350	Good	Fair	High	2. Medium	A1	3.6	2.1	Located within corridor. Asymmetric crown shape due to adjacent trees.
3225	Swamp Oak	*Casuarina glauca*	Mature	17	3	330					330	370	Good	Good	High	1. Long	A1	4.0	2.2	Located within corridor.
3226	Swamp Oak	*Casuarina glauca*	Semi-mature	17	3	280					280	330	Good	Good	Medium	1. Long	A1	3.4	2.1	Located within corridor.
3227	Swamp Oak	*Casuarina glauca*	Semi-mature	18	2	280					280	330	Good	Good	Medium	1. Long	A1	3.4	2.1	Located within corridor.
3228	Swamp Oak	*Casuarina glauca*	Semi-mature	10	1	130					130	160	Good	Good	Medium	1. Long	A1	2.0	1.5	Located within corridor.
3229	Smooth Barked Apple	*Angophora costata*	Semi-mature	10	3	220					220	250	Good	Good	Medium	1. Long	A1	2.6	1.8	Located within corridor.
3230	Smooth Barked Apple	*Angophora costata*	Mature	20	5	400					400	480	Good	Good	High	1. Long	A1	4.8	2.4	Located within corridor.
3231	Swamp Oak	*Casuarina glauca*	Mature	11	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Located within corridor.
3232	Swamp Oak	*Casuarina glauca*	Mature	20	5	500					500	650	Good	Good	High	1. Long	A1	6.0	2.8	Located within corridor adjacent to tracks.
G26	Mixed Species	*Mixed spp*	Mature	15	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Area inaccessible between Myrtle Street and Carrington Road. Tree data estimated from Myrtle Street. Group of approximately 20 trees, including Acacia spp, Eucalyptus spp, Ligustrum spp, Cinnamomum camphora.

Explanatory Notes

Tree Species - Common name followed by botanical name. Where species is unknown it is indicated with an '*spp*'.
Age Class - Dead (D), Mature (M), Semi mature (SM), Young (Y).
Diameter at Breast Height (DBH) - Measured with a DBH tape or estimated at approximately 1.4m above ground level.
Diameter Above root Buttresses (DAB): Measured with a DBH tape or estimated above root buttresses (DAB) for calculating the SRZ.
Height - Height from ground level to top of crown. All heights are estimated unless otherwise indicated.
Spread - Radius of crown at widest section. All tree spreads are estimated unless otherwise indicated.
Tree Protection Zone (TPZ) - DBH x 12. Measured in radius from the centre of the trunk. Rounded to nearest 0.1m. For monocots, the TPZ is set at 1 metre outside the crown projection.
Structural Root Zone (SRZ) - $(DAB \times 50)^{0.42} \times 0.64$. Measured in radius from the centre of the trunk. Rounded up to nearest 0.1m.
Health - Good/Fair/Poor/Dead
Structure - Good/Fair/Poor
Safe Useful Life Expectancy (SULE) - 1. Long (40+years), 2. Medium (15 - 40 years), 3. Short (5 - 15 years), 4. Remove (under 5 years), 5. Small/young.
Amenity Value - Very High/High/Medium/Low/Very Low.

Appendix 2 - Further Information of Methodology

1. **Tree Protection Zone:** The tree protection zone (TPZ) is the principle means of protecting trees on development sites. The TPZ is a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance, so that the tree remains viable. The radius of the TPZ is calculated for each tree by multiplying its DBH x 12. The derived value is measured in radius from the centre of the stem/trunk at ground level. A TPZ should not be less than 2.0 metres nor greater than 15 metres (except where crown protection is required).
It is commonly observed that tree roots will extend significant further than the indicative TPZ, however the TPZ is an area identified AS4970-2009 to be extent where root loss or disturbance will generally not impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The tree protection also incorporates the SRZ (see below for more information about the SRZ). I have calculated the TPZ of palms, other monocots, cycads and tree ferns at one metre outside the crown projection. See appendices for additional information about the TPZ including information about calculating the TPZ and examples of TPZ encroachment.
Minor encroachment into TPZ: Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.
Major encroachment into TPZ: Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted.



2. **Structural Root Zone:** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always need to be maintained to preserve a viable tree as it will only have a minor effect on the trees vigour and health. There are several factors that determine the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally work within the SRZ should be avoided.
An indicative SRZ radius can be determined from the diameter of the trunk measured immediately above the root buttresses. Root investigation could provide more information about the extent of the SRZ. The following formula should be used to calculate the SRZ.
SRZ radius = $(D \times 50)^{0.42} \times 0.64$ (D = Diameter above root buttress).

3. **Tree Age Class:** If can be difficult to determine the age of a tree without carrying out invasive tests that may damage the tree, so we have categorised there likely age class which is defined below;
    - Young/Newly planted: Young or recently planted tree.
    - Semi Mature: Up to 20% of the usual life expectancy for the species.
    - Early mature/Mature: Between 20%-80% of the usual life expectancy for the species.
    - Over mature: Over 80% of the usual life expectancy for the species.
    - Dead: Tree is dead or almost dead.

4. **Health/Physiological Condition:** Below are examples conditions used when assigning a category for tree health.

Category	Example condition	Summary
Good	• Crown has good foliage density for species. • Tree shows no or minimal signs of pathogens that are unlikely to have an effect on the health of the tree. • Tree is displaying good vigour and reactive growth development.	• The tree is in above average health and condition and no remedial works are required.
Fair	• The tree may be starting to dieback or have over 25% deadwood. • Tree may have slightly reduced crown density or thinning. • There may be some discolouration of foliage. • Average reactive growth development. • There may be early signs of pathogens which may further deteriorate the health of the tree. • There may be epicormic growth indicating increased levels of stress within the tree.	• The tree is in below average health and condition and may require remedial works to improve the trees health.
Poor	• The may be in decline, have extensive dieback or have over 30% deadwood. • The canopy may be sparse or the leaves may be unusually small for species. • Pathogens or pests are having a significant detrimental effect on the tree health.	• The tree is displaying low levels of health and removal or remedial works may be required.
Dead	• The tree is dead or almost dead.	• The tree should generally be removed.

5. **Structural Condition:** Below are examples conditions used when assigning a category for structural condition.

Category	Example condition	Summary
Good	• Branch unions appear to be strong with no sign of defects. • There are no significant cavities. • The tree is unlikely to fail in usual conditions. • The tree has a balanced crown shape and form.	• The tree is considered structurally good with well developed form.
Fair	• The tree may have minor structural defects within the structure of the crown that could potentially develop into more significant defects. • The tree may a cavity that is currently unlikely to fail but may deteriorate in the future. • The tree is an unbalanced shape or leans significantly. • The tree may have minor damage to its roots. • The root plate may have moved in the past but the tree has now compensated for this. • Branches may be rubbing or crossing.	• The identified defects are unlikely cause major failure. • Some branch failure may occur in usual conditions. • Remedial works can be undertaken to alleviate potential defects.
Poor	• The tree has significant structural defects. • Branch unions may be poor or weak. • The tree may have a cavity or cavities with excessive levels of decay that could cause catastrophic failure. • The tree may have root damage or is displaying signs of recent movement. • The tree crown may have poor weight distribution which could cause failure.	• The identified defects are likely to cause either partial or whole failure of the tree.

6. **Amenity Value:** To determine the amenity value of a tree we assess a number of different factors, which include but are not limited to the information below.
   - The visibility of the tree to adjacent sites.
   - The relationship between the tree and the site.
   - Whether the tree is protected by any statuary conditions.
   - The habitat value of the tree.
   - Whether the tree is considered a noxious weed species.

   The amenity value is rated using one of the following values.
   - Very High
   - High
   - Moderate
   - Low
   - Very Low

7. **Safe Useful Life Expectancy (SULE), (Barrel, 2001):** A trees safe useful life expectancy is determined by assessing a number of different factors including the health and vitality, estimated age in relation to expected life expectancy for the species, structural defects, and remedial works that could allow retention in the existing situation.

Category	Description
1. Long - Over 40 years	(a) Structurally sound trees located in positions that can accommodate future growth. (b) Trees that could be made suitable for retention in the long term by remedial tree care. (c) Trees of special significance for historical, commemorative or rarity reasons that would warrant extraordinary efforts to secure their long term retention.
2. Medium - 15 to 40 years	(a) Trees that may only live between 15 and 40 more years. (b) Trees that could live for more than 40 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 40 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that could be made suitable for retention in the medium term by remedial tree care.
3. Short - 5 to 15 years	(a) Trees that may only live between 5 and 15 more years. (b) Trees that could live for more than 15 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 15 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that require substantial remedial tree care and are only suitable for retention in the short term.
4. Remove - Under 5 years	(a) Dead, dying, suppressed or declining trees because of disease or inhospitable conditions. (b) Dangerous trees because of instability or recent loss of adjacent trees. (c) Dangerous trees because of structural defects including cavities, decay, included bark, wounds or poor form. (d) Damaged trees that are clearly not safe to retain. (e) Trees that could live for more than 5 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (f) Trees that are damaging or may cause damage to existing structures within 5 years. (g) Trees that will become dangerous after removal of other trees for the reasons given in (a) to (f). (h) Trees in categories (a) to (g) that have a high wildlife habitat value and, with appropriate treatment, could be retained subject to regular review.
5. Small/Young	(a) Small trees less than 5m in height. (b) Young trees less than 15 years old but over 5m in height. (c) Formal hedges and trees intended for regular pruning to artificially control growth.

8. **Root investigations:** The root investigations should identify roots greater than 30mm in diameter that are located along the edge of the structures footprint or in the location of footings. Root investigations must be carried out using non-invasive methods, such as manual excavations or ground penetrating radar (GPR). Any excavations for the root investigations must carried out manually to avoid damaging the roots during excavations. Manual excavation may include the use of a high-pressure air/air knife, or a combination of high-pressure water and a vacuum device. When hand excavating carefully work around roots retaining as many as possible. Take care to not fray, wound, or cause damage to any roots during excavations as this may cause decay or infection from pathogens. It is essential that exposed roots are kept moist and the excavation back filled as soon as possible. The root investigations should be carried out by a qualified Arborist minimum AQF3. Once roots are exposed, a visual assessment can be carried out by a consulting Arborist to evaluate the potential impact of the proposed root loss on the health and stability of the tree. A root map/report should be prepared identifying the findings of investigations, including photographs as supporting evidence in the report.

9. **Retention Value:** The system I have used to award the retention value is Tree AZ. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The table below provides a brief description of each category.

TreeAZ Categories (Version 10.04-ANZ)

CAUTION: TreeAZ assessments must be carried out by a competent person qualified and experienced in arboriculture. The following category descriptions are designed to be a brief field reference and are not intended to be self-explanatory. They must be read in conjunction with the most current explanations published at www.TreeAZ.com.

Category Z: Unimportant trees not worthy of being a material constraint

Local policy exemptions: Trees that are unsuitable for legal protection for local policy reasons including size, proximity and species	
Z1	Young or insignificant small trees, i.e. below the local size threshold for legal protection, etc
Z2	Too close to a building, i.e. exempt from legal protection because of proximity, etc
Z3	Species that cannot be protected for other reasons, i.e. scheduled noxious weeds, out of character in a setting of acknowledged importance, etc
High risk of death or failure: Trees that are likely to be removed within 10 years because of acute health issues or severe structural failure	
Z4	Dead, dying, diseased or declining
Z5	Severe damage and/or structural defects where a high risk of failure cannot be satisfactorily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, overgrown and vulnerable to adverse weather conditions, etc
Z6	Instability, i.e. poor anchorage, increased exposure, etc
Excessive nuisance: Trees that are likely to be removed within 10 years because of unacceptable impact on people	
Z7	Excessive, severe and intolerable inconvenience to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. dominance, debris, interference, etc
Z8	Excessive, severe and intolerable damage to property to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. severe structural damage to surfacing and buildings, etc
Good management: Trees that are likely to be removed within 10 years through responsible management of the tree population	
Z9	Severe damage and/or structural defects where a high risk of failure can be temporarily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, vulnerable to adverse weather conditions, etc
Z10	Poor condition or location with a low potential for recovery or improvement, i.e. dominated by adjacent trees or buildings, poor architectural framework, etc
Z11	Removal would benefit better adjacent trees, i.e. relieve physical interference, suppression, etc
Z12	Unacceptably expensive to retain, i.e. severe defects requiring excessive levels of maintenance, etc

NOTE: Z trees with a high risk of death/failure (Z4, Z5 & Z6) or causing severe inconvenience (Z7 & Z8) at the time of assessment and need an urgent risk assessment can be designated as ZZ. ZZ trees are likely to be unsuitable for retention and at the bottom of the categorization hierarchy. In contrast, although Z trees are not worthy of influencing new designs, urgent removal is not essential and they could be retained in the short term, if appropriate.

Category A: Important trees suitable for retention for more than 10 years and worthy of being a material constraint

A1	No significant defects and could be retained with minimal remedial care
A2	Minor defects that could be addressed by remedial care and/or work to adjacent trees
A3	Special significance for historical, cultural, commemorative or rarity reasons that would warrant extraordinary efforts to retain for more than 10 years
A4	Trees that may be worthy of legal protection for ecological reasons (Advisory requiring specialist assessment)

NOTE: Category A1 trees that are already large and exceptional, or have the potential to become so with minimal maintenance, can be designated as AA at the discretion of the assessor. Although all A and AA trees are sufficiently important to be material constraints, AA trees are at the top of the categorization hierarchy and should be given the most weight in any selection process.

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Glossary of Terms

Abiotic - Pertaining to non-living agents; e.g. environmental factors

Adventitious shoots - Shoots that develop other than from apical, axillary or dormant buds; see also 'epicormic'

Anchorage - The system whereby a tree is fixed within the soil, involving cohesion between roots and soil and the development of a branched system of roots which withstands wind and gravitational forces transmitted from the aerial parts of the tree

Bark - A term usually applied to all the tissues of a woody plant lying outside the vascular cambium, thus including the phloem, cortex and periderm; occasionally applied only to the periderm or the phellem

Branch:
- **Primary**. A first order branch arising from a stem
- **Lateral**. A second order branch, subordinate to a primary branch or stem and bearing sub-lateral branches
- **Sub-lateral**. A third order branch, subordinate to a lateral or primary branch, or stem and usually bearing only twigs

Branch collar - A visible swelling formed at the base of a branch whose diameter growth has been disproportionately slow compared to that of the parent stem; a term sometimes applied also to the pattern of growth of the cells of the parent stem around the branch base

Brown-rot - A type of wood decay in which cellulose is degraded, while lignin is only modified

Buckling - An irreversible deformation of a structure subjected to a bending load

Buttress zone - The region at the base of a tree where the major lateral roots join the stem, with buttress-like formations on the upper side of the junctions

Cambium - Layer of dividing cells producing xylem (woody) tissue internally and phloem (bark) tissue externally

Canker - A persistent lesion formed by the death of bark and cambium due to colonisation by fungi or bacteria

Compartmentalisation - The confinement of disease, decay or other dysfunction within an anatomically discrete region of plant tissue, due to passive and/or active defences operating at the boundaries of the affected region

Compressive loading - Mechanical loading which exerts a positive pressure; the opposite to tensile loading

Condition - An indication of the physiological condition of the tree. Where the term ‘condition’ is used in a report, it should not be taken as an indication of the stability of the tree

Crown/Canopy - The main foliage bearing section of the tree

Crown lifting - The removal of limbs and small branches to a specified height above ground level

Crown thinning - The removal of a proportion of secondary branch growth throughout the crown to produce an even density of foliage around a well-balanced branch structure

Crown reduction/shaping - A specified reduction in crown size whilst preserving, as far as possible, the natural tree shape

DAB (Diameter Above Buttress) - Trunk diameter measured above the root buttress

Defect - In relation to tree hazards, any feature of a tree which detracts from the uniform distribution of mechanical stress, or which makes the tree mechanically unsuited to its environment

Dieback - The death of parts of a woody plant, starting at shoot-tips or root-tips

Disease - A malfunction in or destruction of tissues within a living organism, usually excluding mechanical damage; in trees, usually caused by pathogenic micro-organisms

Dominance - In trees, the tendency for a leading shoot to grow faster or more vigorously than the lateral shoots; also the tendency of a tree to maintain a taller crown than its neighbours

Dormant bud - An axial bud which does not develop into a shoot until after the formation of two or more annual wood increments; many such buds persist through the life of a tree and develop only if stimulated to do so

Dysfunction - In woody tissues, the loss of physiological function, especially water conduction, in sapwood

DBH (Diameter at Breast Height) - Stem diameter measured at a height of 1.4 metres or the nearest measurable point. Where measurement at a height of 1.4 metres is not possible, another height may be specified

Deadwood - Branch or stem wood bearing no live tissues. Retention of deadwood provides valuable habitat for a wide range of species and seldom represents a threat to the health of the tree. Removal of deadwood can result in the ingress of decay to otherwise sound tissues and climbing operations to access deadwood can cause significant damage to a tree. Removal of deadwood is generally recommended only where it represents an unacceptable level of hazard

Epicormic shoot - A shoot having developed from a dormant or adventitious bud and not having developed from a first year shoot

Flush-cut - A pruning cut which removes part of the branch bark ridge and or branch-collar

Girdling root - A root which circles and constricts the stem or roots possibly causing death of phloem and/or cambial tissue

Habit - The overall growth characteristics, shape of the tree and branch structure

Hazard beam - An upwardly curved part of a tree in which strong internal stresses may occur without being reduced by adaptive growth; prone to longitudinal splitting

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

Heartwood/false-heartwood - The dead central wood that has become dysfunctional as part of the aging processes and being distinct from the sapwood

Heave - A term mainly applicable to a shrinkable clay soil which expands due to re-wetting after the felling of a tree which was previously extracting moisture from the deeper layers; also the lifting of pavements and other structures by root diameter expansion; also the lifting of one side of a wind-rocked root-plate

Included bark (ingrown bark) - Bark of adjacent parts of a tree (usually forks, acutely joined branches or basal flutes) which is in face-to-face contact

Lever arm - A mechanical term denoting the length of the lever represented by a structure that is free to move at one end, such as a tree or an individual branch

Lignin - The hard, cement-like constituent of wood cells; deposition of lignin within the matrix of cellulose microfibrils in the cell wall is termed Lignification

Lions tailing - A term applied to a branch of a tree that has few if any side-branches except at its end, and is thus liable to snap due to end- loading

Loading - A mechanical term describing the force acting on a structure from a particular source; e.g. the weight of the structure itself or wind pressure

Mycelium - The body of a fungus, consisting of branched filaments (hyphae)

Occlusion - The process whereby a wound is progressively closed by the formation of new wood and bark around it

Pathogen - A micro-organism which causes disease in another organism

Photosynthesis - The process whereby plants use light energy to split hydrogen from water molecules, and combine it with carbon dioxide to form the molecular building blocks for synthesizing carbohydrates and other biochemical products

Probability - A statistical measure of the likelihood that a particular event might occur

Pruning - The removal or cutting back of twigs or branches, sometimes applied to twigs or small branches only, but often used to describe most activities involving the cutting of trees or shrubs

Radial - In the plane or direction of the radius of a circular object such as a tree stem

Reactive Growth/Reaction Wood - Production of woody tissue in response to altered mechanical loading; often in response to internal defect or decay and associated strength loss (cf. adaptive growth)

Ring-barking - The removal of a ring of bark and phloem around the circumference of a stem or branch, normally resulting in an inability to transport photosynthetic assimilates below the area of damage. Almost inevitably results in the eventual death of the affected stem or branch above the damage

Root-collar - The transitional area between the stem/s and roots

Sapwood - Living xylem tissues

Soft-rot - A kind of wood decay in which a fungus degrades cellulose within the cell walls, without any general degradation of the wall as a whole

Stem/s - Principle above-ground structural component(s) of a tree that supports its branches

Stress - In plant physiology, a condition under which one or more physiological functions are not operating within their optimum range, for example due to lack of water, inadequate nutrition or extremes of temperature

SRZ (Structural Root Zone) - The area around the bas of the tree required for the trees stability in the ground.

Subsidence - In relation to soil or structures resting in or on soil, a sinking due to shrinkage when certain types of clay soil dry out, sometimes due to extraction of moisture by tree roots

Taper - In stems and branches, the degree of change in girth along a given length

Targets - In tree risk assessment (with slight misuse of normal meaning) persons or property or other things of value which might be harmed by mechanical failure of the tree or by objects falling from it

Topping - In arboriculture, the removal of the crown of a tree, or of a major proportion of it

Transpiration - The evaporation of moisture from the surface of a plant, especially via the stomata of leaves; it exerts a suction which draws water up from the roots and through the intervening xylem cells

TPZ (Tree Protection Zone) - 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.

Understory - This layer consists of younger individuals of the dominant trees, together with smaller trees and shrubs which are adapted to grow under lower light conditions

Veteran tree - Tree that, by recognised criteria, shows features of biological, cultural or aesthetic value that are characteristic of, but not exclusive to, individuals surviving beyond the typical age range for the species concerned. These characteristics might typically include a large girth, signs of crown retrenchment and hollowing of the stem

Vigour - The expression of carbohydrate expenditure to growth (in trees)

White-rot - A range of kinds of wood decay in which lignin, usually together with cellulose and other wood constituents, is degraded

Wind exposure - The degree to which a tree or other object is exposed to wind, both in terms of duration and velocity

Wind pressure - The force exerted by a wind on a particular object

Windthrow - The blowing over of a tree at its roots

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

APPENDIX 3 BRIEF DESCRIPTION OF A TREES ROOT SYSTEM

1.1 It is generally accepted that the root system of a tree has four main functions;

A) Support and anchor the tree in the soil.

B) Absorb and conduct water.

C) Absorb and conduct nutrients required for tree growth.

D) Provide storage for starch.

1.2 AS4970-2009 describes that 'the main functions of roots include the uptake of water and nutrients, anchorage, storage of sugar reserves and the production of some plant hormones required by the shoots. In order for roots to function, they must be supplied with oxygen from the soil. The root system of trees consists of several 'types' of roots found in different parts of the soil and is generally much more extensive than commonly thought'.[1]

1.3 AS4970-2009 says that the root system of a tree consists of three main types of roots and these include the following;

A) Structural woody roots - Required for anchorage, storage and transport.

B) Lower order roots - Required for anchorage, storage and transport.

C) Non-woody or fibrous roots - Required for absorption of water and nutrients, extension, synthesis of amino acids and growth regulators.

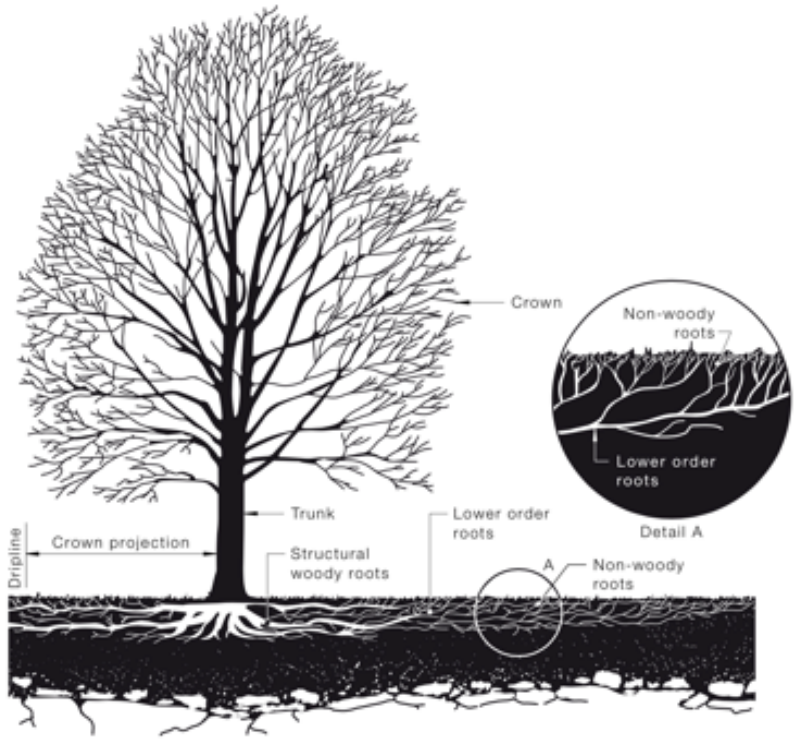

Image from AS4970-2009 showing the structure of a trees root system in normal (unobstructed) growing conditions.

[1] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009) page 24.

1.4 A trees root system is generally located far shallower in the soil than is normally considered, and should be thought of as a 'root plate'. The majority of a trees root growth is usually found in the 500mm of the soil closest to the surface, but a percentage of the roots will extend to deeper in the soil. AS4970-2009 says that 'root growth is opportunistic and takes place wherever the soil environment is favourable. The most limiting factor for root growth is air. A number of studies have indicated that roots are much more extensive than commonly thought. In general roots extend outward from the trunk and occupy irregularly shaped areas 4 to 7 times larger than the projected crown area with an average diameter of two or more times the height of the tree'.[2]

1.5 The shape of the root system will vary greatly depending on a number of different factors which control the direction and extent of root growth and as these factors are not uniformly distributed in the soil, the shape of the trees root system will be very irregular. For example, Biddle (1998) says that 'a deep well drained soil will encourage a deep root system, where as a shallow soil over rock or waterlogged subsoil can produce a root system which is virtually restricted to the surface 200mm or less'.[3]

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[2] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 25.

[3] Biddle, P. G., *Tree Root Damage To Buildings volume 1*, Willowmead Publishing Ltd, Wantage, England (1998), page 25.

FROM SYDENHAM

TO BANKSTOWN

LIMIT OF WORKS

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000401

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000403

MEEKS ROAD OVERBRIDGE

TIE IN WITH SSJ FENCE

SECURITY FENCE BY SSJ

MEEKS ROAD

VICTORIA ROAD

DOWN BANKSTOWN

UP BANKSTOWN

CONCRETE SLAB

LOC SM709

SM680

OHWS B 6+207

OHWS B 6+145

OHWS B 6+076

6km 680 6km 700 6km 720 6km 740 6km 760 6km 780 6km 800 6km 820 6km 840 6km 860

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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WORK IN PROGRESS

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SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

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SYDNEY METRO

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100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

MYRTLE STREET

RIVERDALE AVENUE

VICTORIA ROAD

NEW OVER-HEIGHT VEHICLE PROTECTION BEAM, FOR DETAILS REFER TO STRUCTURAL - BRIDGES PACKAGE No. 104

FOR DETAILS REFER TO MARRICKVILLE STATION PACKAGE 113

LIMIT OF CORRIDOR PACKAGE - REFER TO SWM DESIGN PACKAGE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000402

SECURITY FENCE BY SSJ

REFER TO MARRICKVILLE SERVICE BUILDING CIVIL PACKAGE 413

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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100mm AT FULL SIZE

FROM SYDENHAM

WARBURTON STREET

TO BANKSTOWN

SWM DESIGN PACKAGE LIMIT OF CORRIDOR PACKAGE - REFER TO STATION PRECINCT

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000407

7km 360 7km 380 7km 400 7km 420 7km 440 7km 460 7km 480 7km 500 7km 520 7km 540

DOWN BANKSTOWN

UP BANKSTOWN

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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Plot Date: 18/04/24 - 16:23
100mm AT FULL SIZE

FROM SYDENHAM

JERSEY STREET

TO BANKSTOWN

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000406

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000408

7km 540 7km 560 7km 580 7km 600 7km 620 7km 640 7km 660 7km 680 7km 700 7km 720

	VS	MBS
DOWN	127	149 ↓
UP	81	159 ↓

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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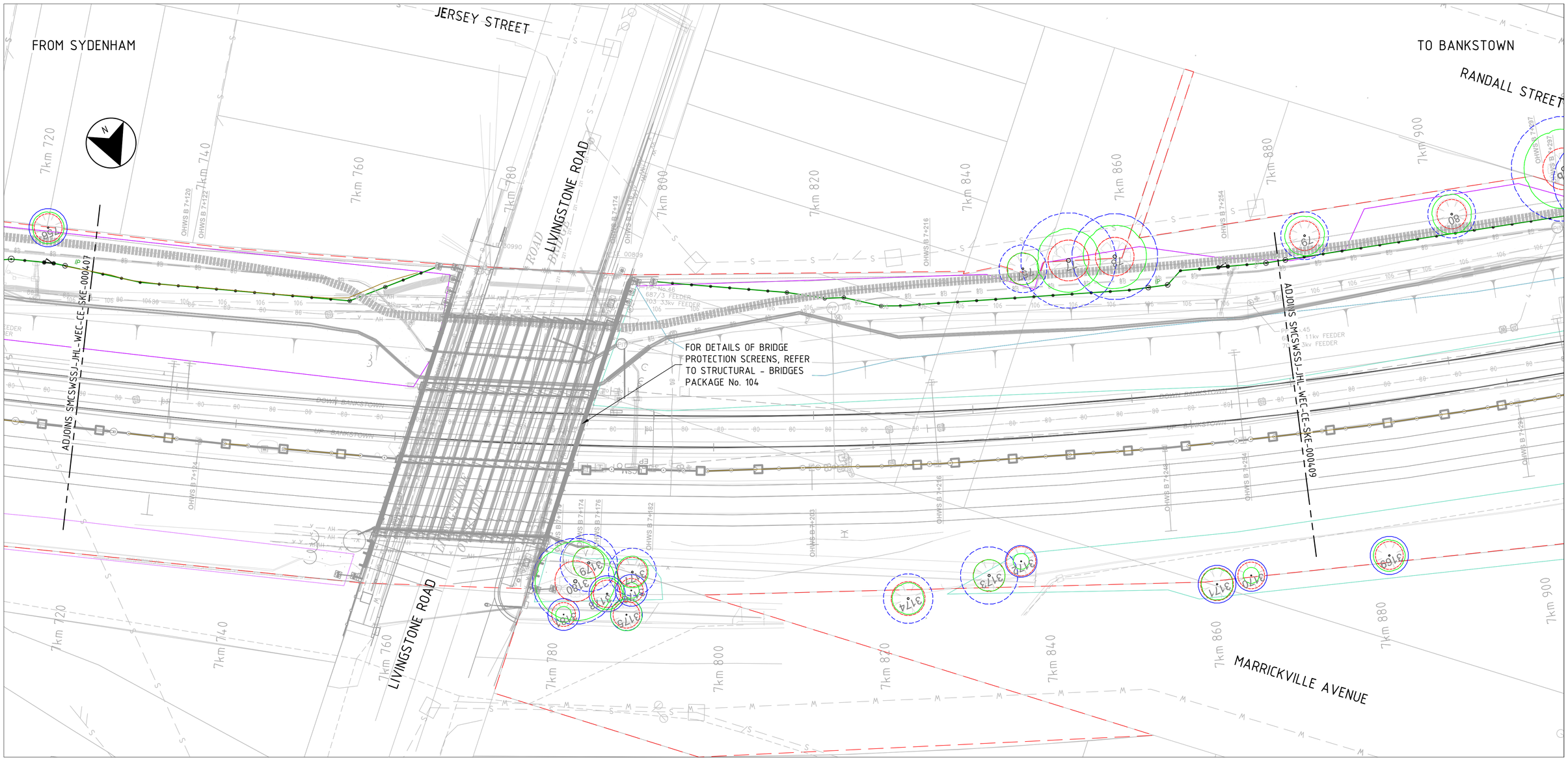

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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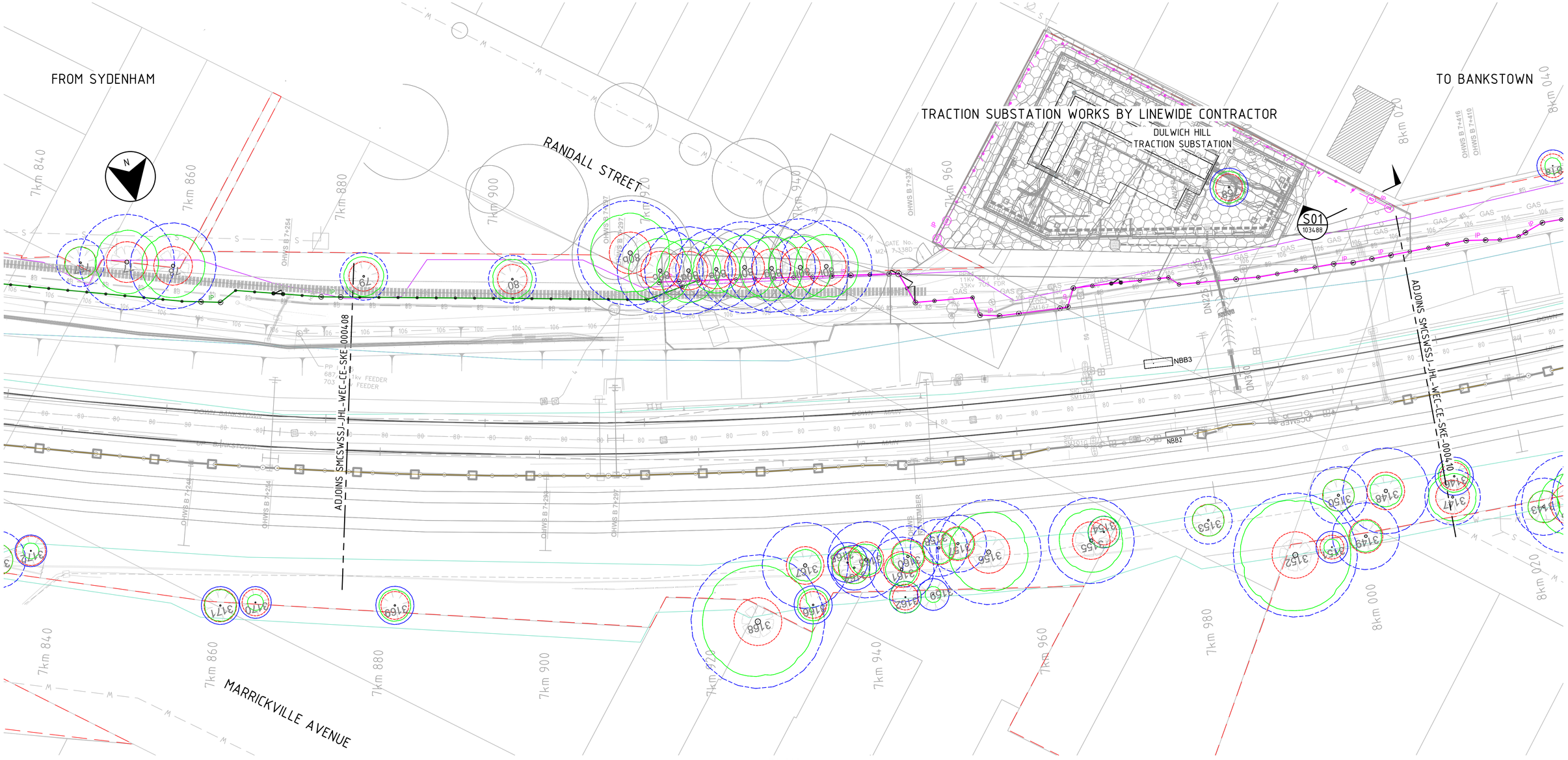

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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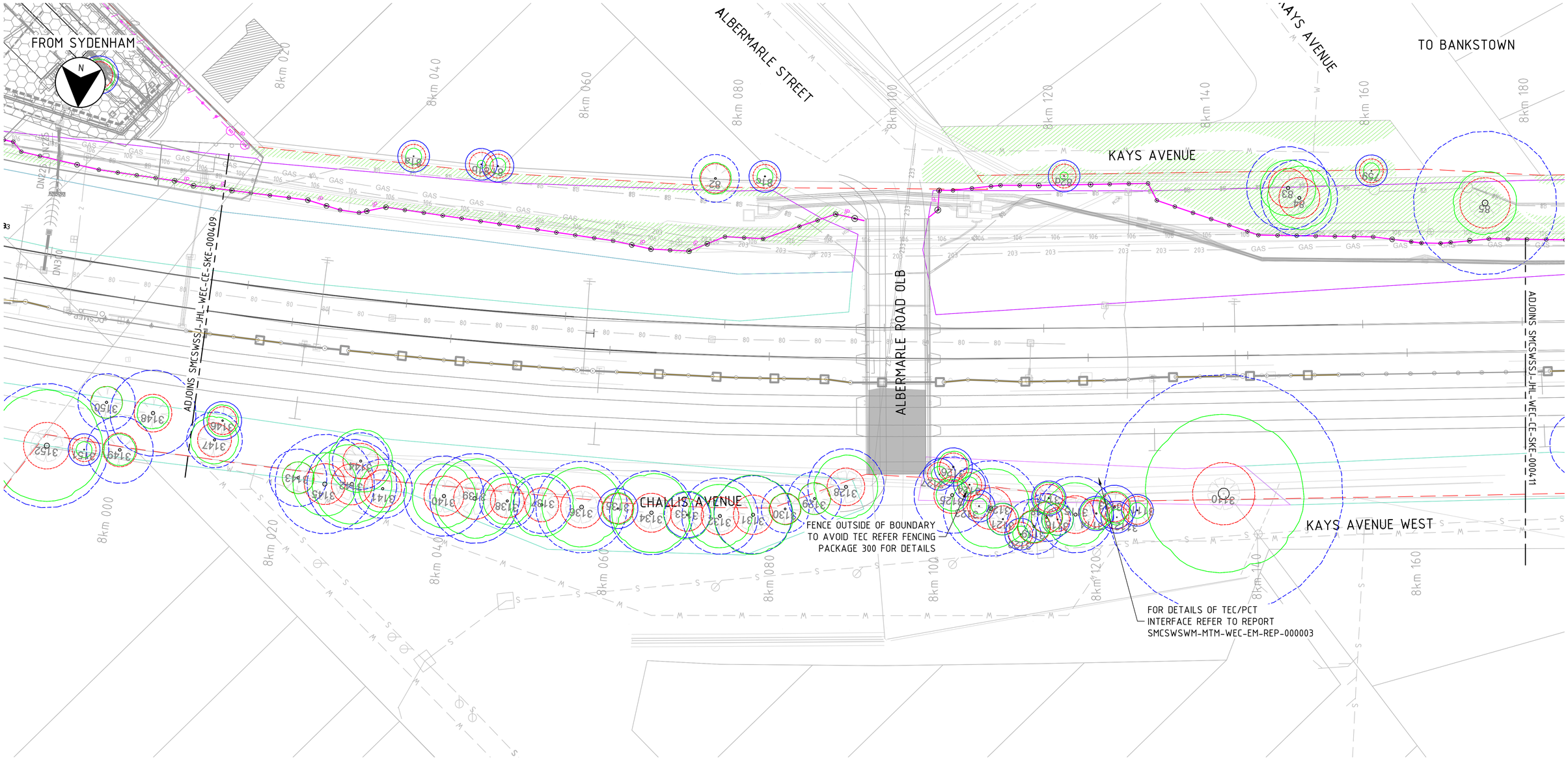

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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Plot Date: 18/04/24 - 15:32
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

SCHOOL PARADE

BAYLEY STREET

DUDLEY STREET

KAYS AVENUE

WILGA AVENUE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000410

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000412

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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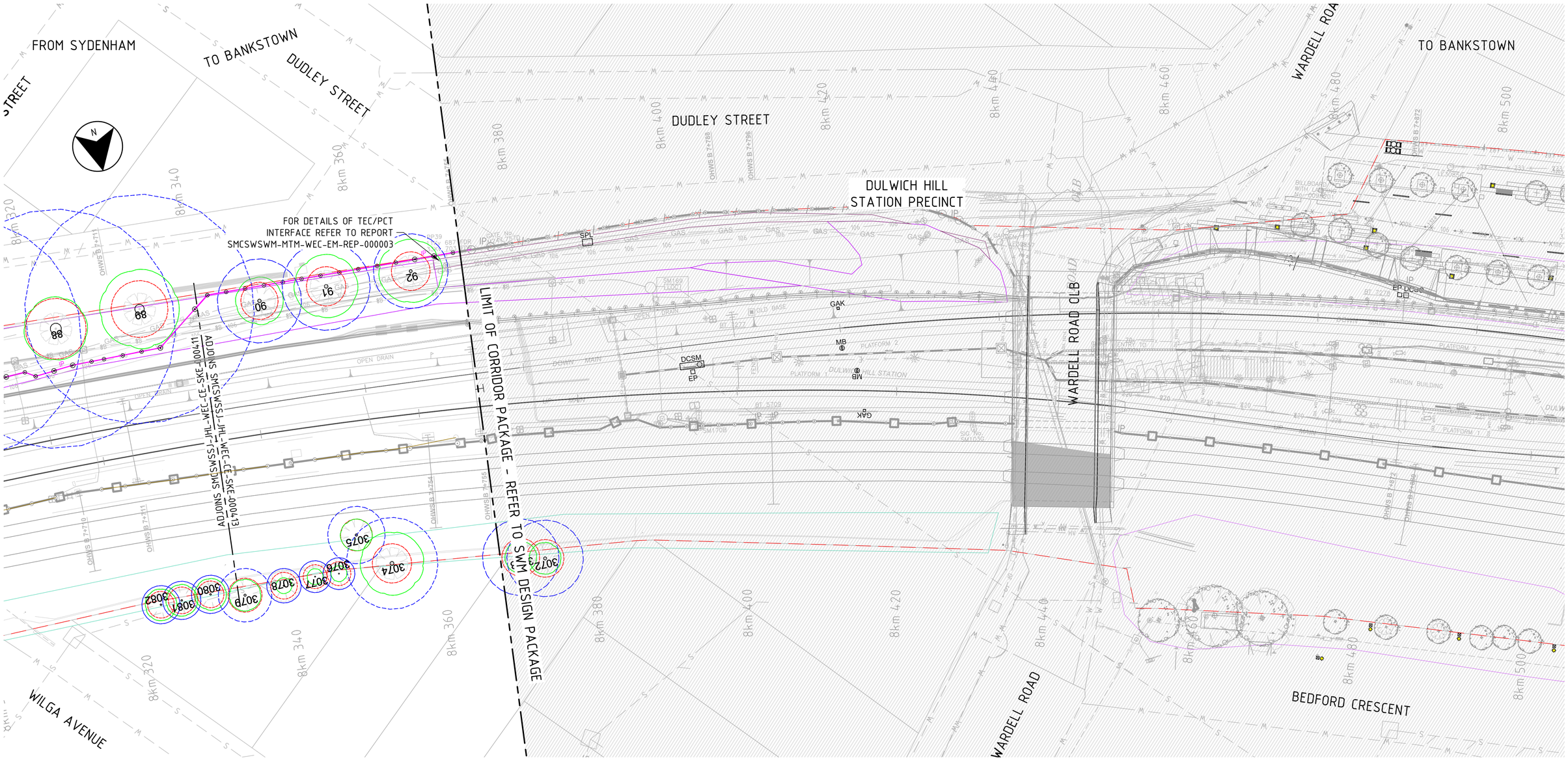

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

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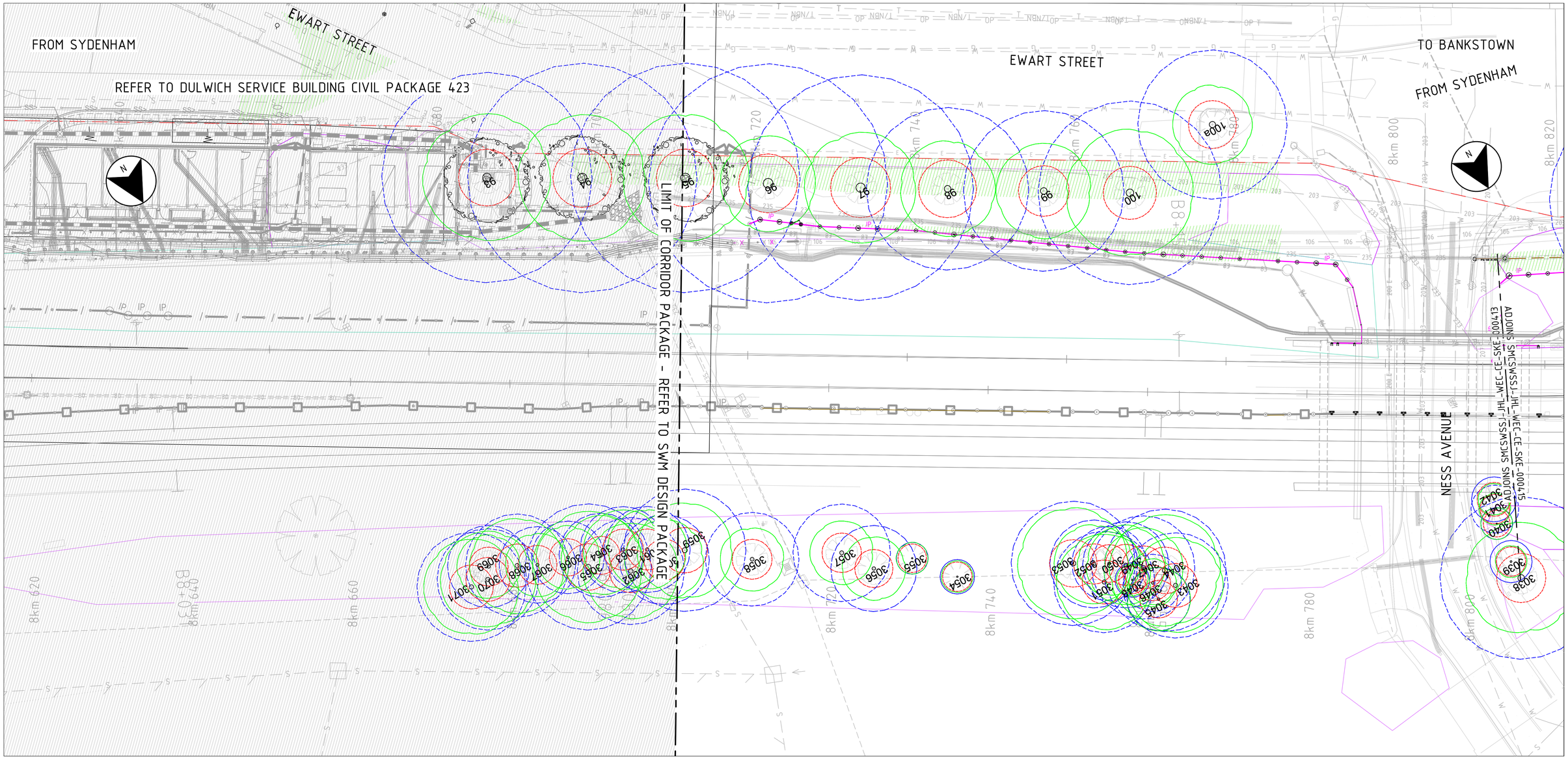
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 12 OF 70 | ©
DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000412 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000412 P01

Cad File: C:\Projects\wsie\arcadis-au-01\60174303\SMCSWSSJ-JHL-WEC-CE-SKE-000412.dwg
Plot Date: 18/04/24 - 16:34
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 14 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000414 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000414 P01

Cad File: C:\Projectwise\arcadis-au-01\d017430\SMCSWSSJ-JHL-WEC-CE-SKE-000414.dwg
Plot Date: 18/04/24 - 16:34
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

FOR DULWICH HILL HI-RAIL PAD CIVIL DETAILS REFER TO SMCSWSWM-MTM-WEC-CE-DWG-103803 TO 103811 AND DRAINAGE DETAILS REFER TO SMCSWSWM-MTM-WEC-CE-DWG-103886 TO 103888

EWART STREET

EWART STREET

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000414

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000416

THE PARADE

8km 800 8km 820 8km 840 8km 860 8km 880 8km 900 8km 920 8km 940 8km 960 8km 980 9km 000

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000415 P01

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DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO

SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

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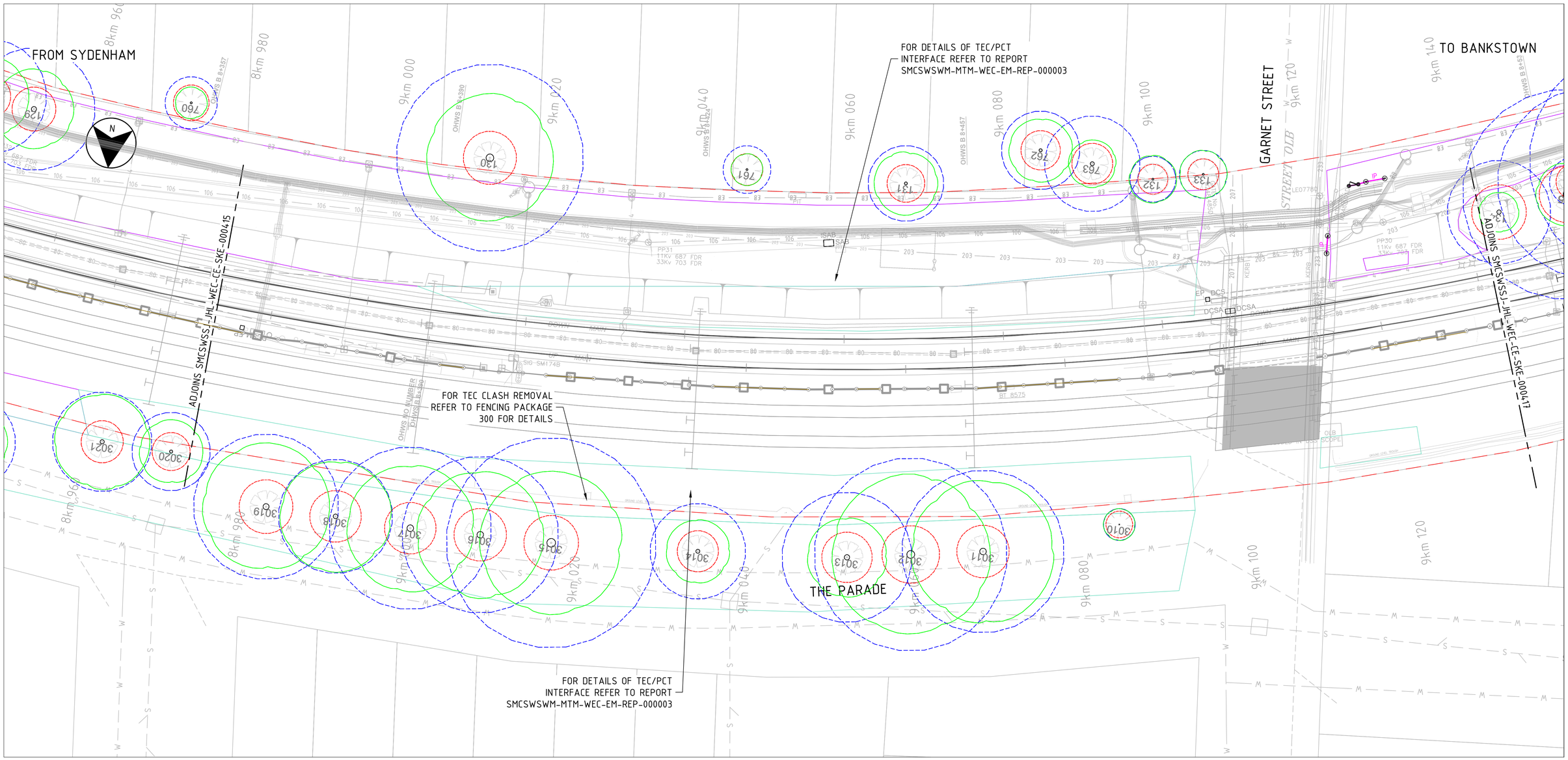
DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000415 | REV. A

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000415.dwg
Plot Date: 18/04/24 - 16:38
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied

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ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000416 P01

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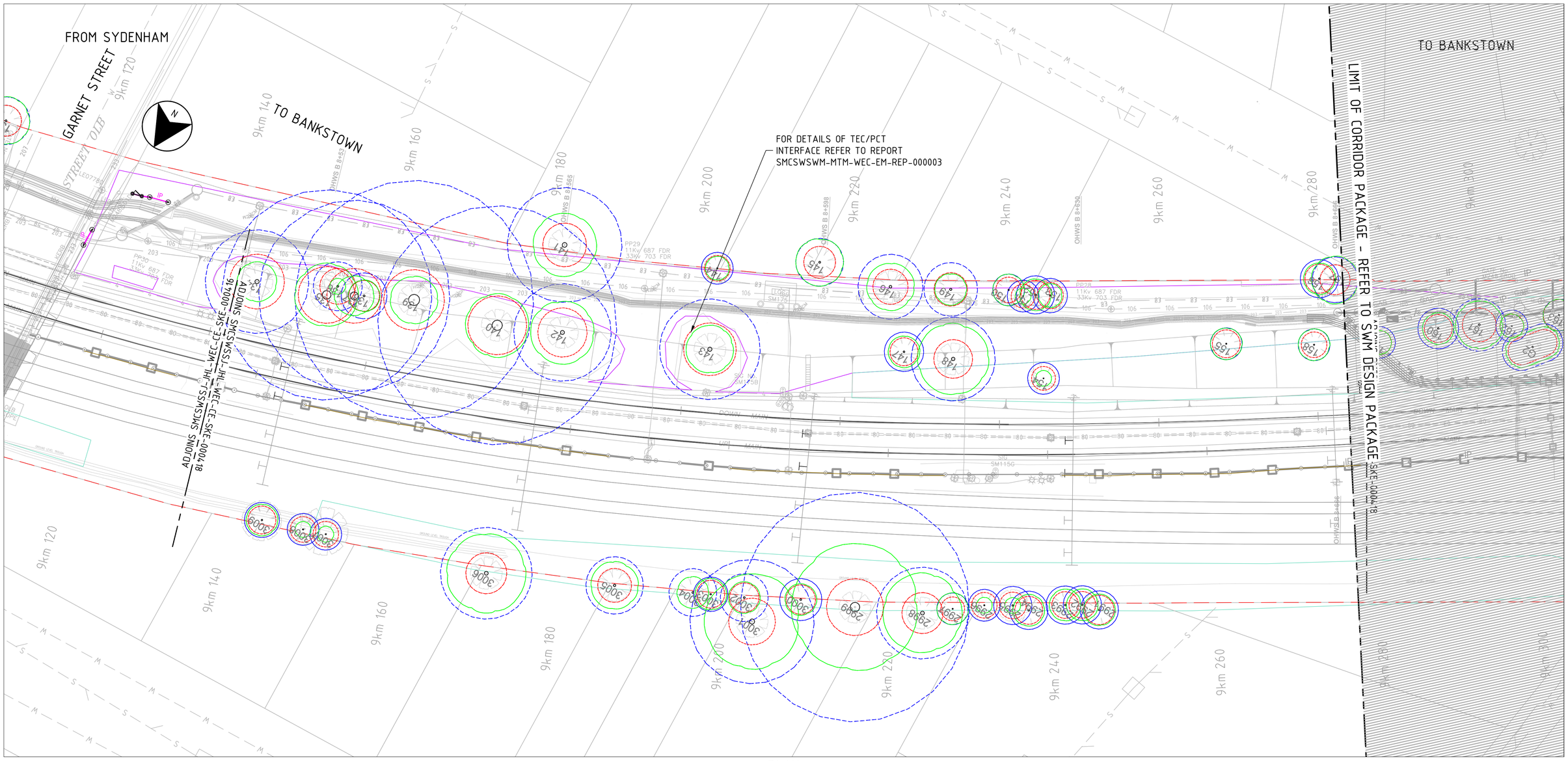
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 16 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000416 | REV. A

Cad File: C:\Projectwise\arcadis-au-01\pd0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000416.dwg
Plot Date: 18/04/24 - 16:36
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION	SHEET 17 OF 70	©
DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000417	REV.	A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000417 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000417.dwg
Plot Date: 18/04/24 - 16:35
100mm AT FULL SIZE

TOWN FROM SYDENHAM

TO BANKSTOWN FROM SYD

RAILWAY STREET

REFER TO HURLSTONE PARK SERVICE BUILDING CIVIL PACKAGE 433

LIMIT OF CORRIDOR PACKAGE - REFER TO SWM DESIGN PACKAGE

NOTE: COORD AVENUE NOT INCLUDED IN SSS SCOPE

FOORD AVENUE

UNDERLINE BRIDGE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000419

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000421

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000421

PLAN

1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

CLIENT

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DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO

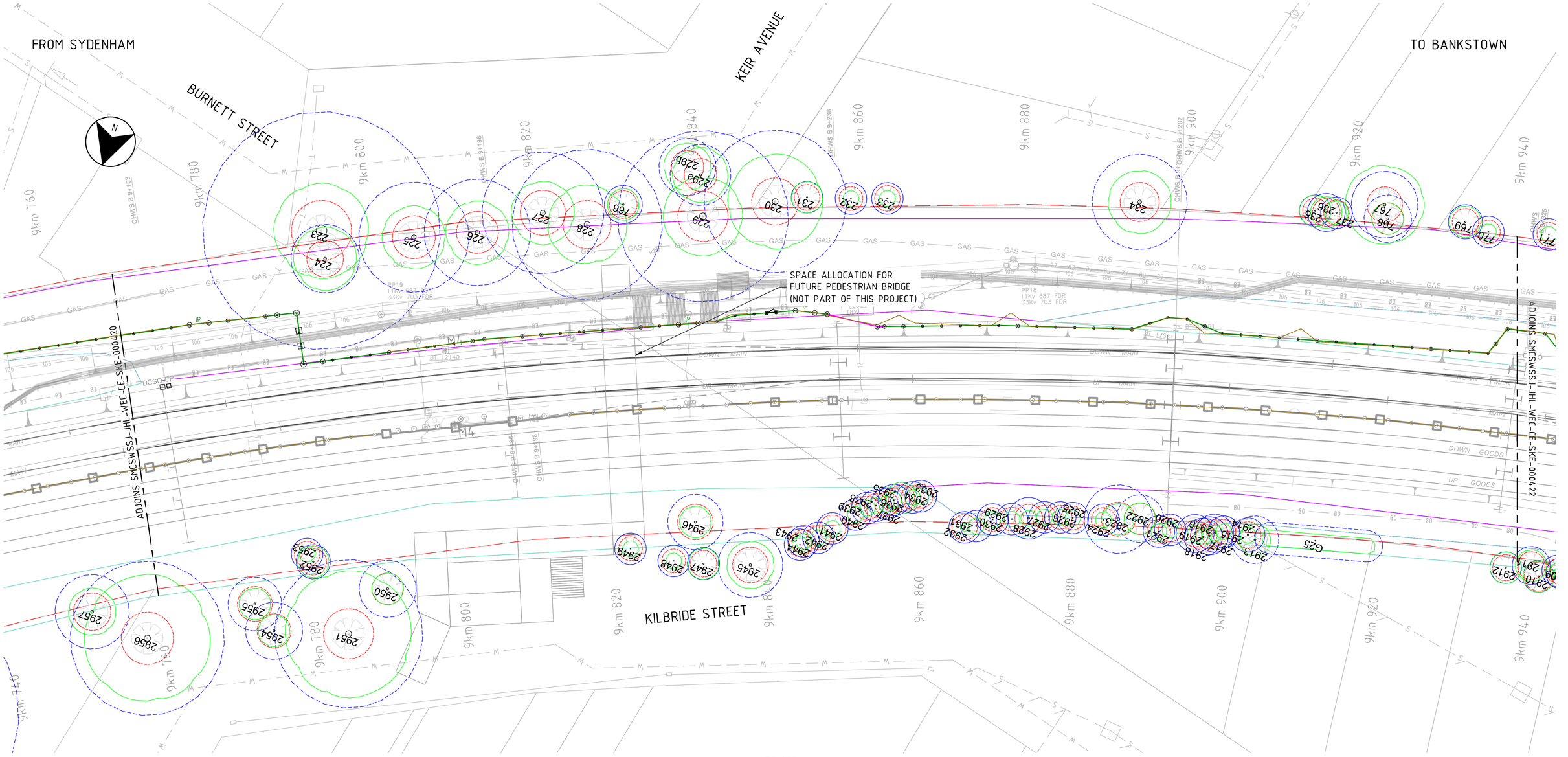
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 20 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000420 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000420 P01

Cad File: C:/Projectwise/arcadis-au-01/d0174303/SMCSWSSJ-JHL-WEC-CE-SKE-000420.dwg
Plot Date: 18/04/24 - 16:55
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 21 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000421 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000421 P01

Cad File: C:\Projectwise\arcadis-au-01\pd174303\SMCSWSSJ-JHL-WEC-CE-SKE-000421.dwg
Plot Date: 18/04/24 - 16:53
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

N

9km 940 9km 960 9km 980 10km 000 10km 020 10km 040 10km 060 10km 080 10km 100 10km 120

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000421

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000423

PLAN

1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

CLIENT

NSW GOVERNMENT | sydney METRO

SERVICE PROVIDERS

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
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SYDNEY METRO

SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 22 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000422 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-SKE-000422 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000422.dwg
Plot Date: 18/04/24 - 16:40
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

HUTTON STREET

CANTERBURY TRACTION SUBSTATION

MELFORD STREET

CANBERRA STREET

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000422

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000424

10km 120 10km 140 10km 160 10km 180 10km 200 10km 220 10km 240 10km 260 10km 280 10km 300

PLAN

1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

CLIENT

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO

SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 23 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000423 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000423 P01

Cad File: C:\Projectwise\arcadis-au-01\401743\03\SMCSWSSJ-JHL-WEC-CE-SKE-000423.dwg

Plot Date: 18/04/24 - 21:20

100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

SUGAR HOUSE ROAD

CHURCH STREET

CHURCH STREET

BRIDGE FOOT

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000423

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000425

FOR HURLSTONE PARK RADIO REPEATER DETAILED PLAN REFER TO SMCSWSWM-MTM-WEC-CE-DWG-103989

FOR DETAILS OF NEW BRIDGE PROTECTION SCREENS, REFER TO STRUCTURAL - BRIDGES PACKAGE No. 104

10km 300 10km 320 10km 340 10km 360 10km 380 10km 400 10km 420 10km 440 10km 460 10km 480

LEGEND

TREE PROTECTION ZONE

STRUCTURAL ROOT ZONE

TREE CROWN CANOPY

PLAN
1:250

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WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000424 P01

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 24 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000424 | REV. A

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000424.dwg
Plot Date: 18/04/24 - 16:52
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

LIMIT OF CORRIDOR PACKAGE - REFER TO SWM DESIGN PACKAGE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000424

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000426

MINTER STREET

10km 420
10km 440
10km 460
10km 480
10km 500
10km 520
10km 540
10km 560
10km 580
10km 600

	VS	MBS
DOWN	261	39
UP	259	51

	VS	MBS
DOWN	316	16
UP	314	4

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 25 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000425 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000425 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000425.dwg
Plot Date: 18/04/24 - 16:51
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

FROM SY

CANTERBURY STATION PRECINCT

CANTERBURY STATION

CHARLES ST. TCE

REFER TO CANTERBURY SERVICE BUILDING LVL PLAN

LIMIT OF CORRIDOR PACKAGE - REFER TO SWM DESIGN PACKAGE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000428

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000426

DOWN MAIN

UP MAIN

DOWN GOODS

UP GOODS

NOT SURVEYED

LEGEND

TREE PROTECTION ZONE

STRUCTURAL ROOT ZONE

TREE CROWN CANOPY

PLAN

1:250

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WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

CLIENT

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DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO

SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 27 OF 70 | ©

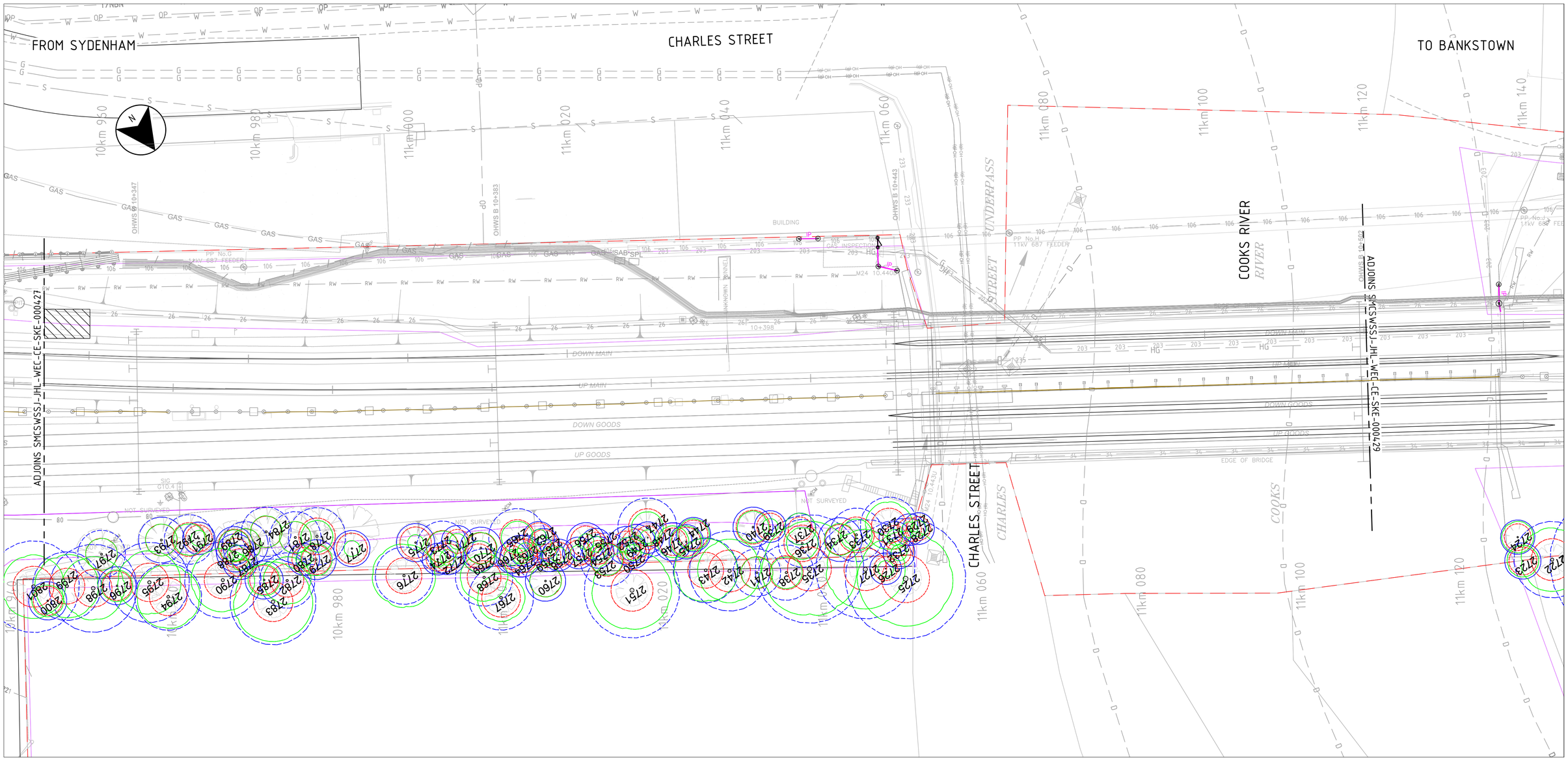
DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000427 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000427 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000427.dwg
Plot Date: 18/04/24 - 16:49
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
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DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 28 OF 70 | ©

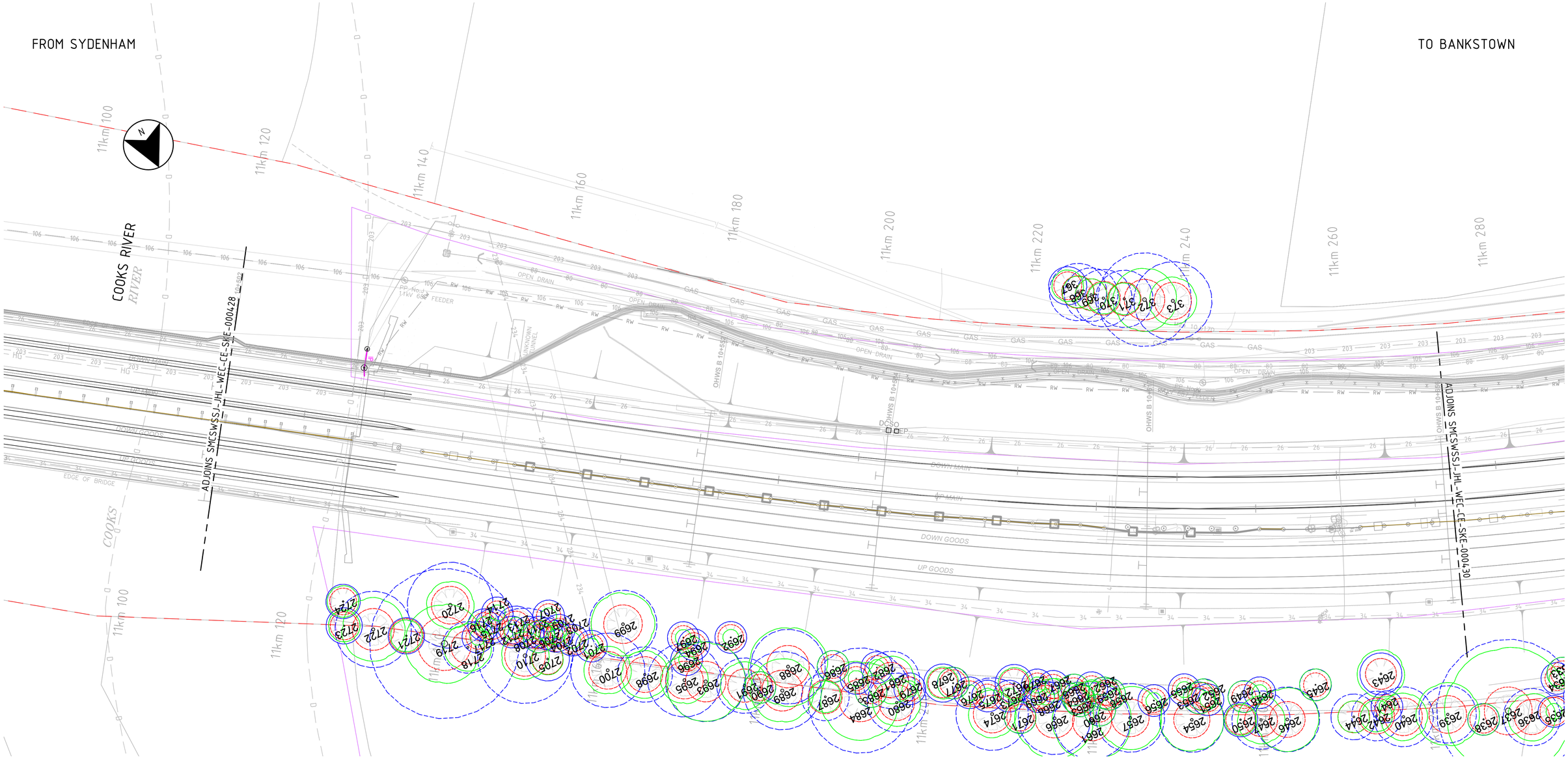
DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000428 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000428 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000428.dwg
Plot Date: 18/04/24 - 18:30
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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DESIGNED XX.XX.2021
DRG CHECK XX.XX.2021
DESIGN CHECK XX.XX.2021
APPROVED XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 29 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000429 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000429 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000429.dwg
Plot Date: 18/04/24 - 18:12
100mm A1 FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

WAIROA STREET

SOUTH PARADE

EAST PARADE

NOWRA STREET

NEW OVER-HEIGHT VEHICLE PROTECTION BEAM, FOR DETAILS REFER TO STRUCTURAL - BRIDGES PACKAGE No. 104

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000429

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000431

11km 260 11km 280 11km 300 11km 320 11km 340 11km 360 11km 380 11km 400 11km 420 11km 440

UNDERPASS

DOWN MAIN UP MAIN DOWN GOODS UP GOODS

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

SERVICE PROVIDERS
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DESIGN CHECK	XX.XX.2021
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SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 30 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000430 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing. ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000430 P01

Cad File: C:\Projectwise\arcadis-au-01\pd174303\SMCSWSSJ-JHL-WEC-CE-SKE-000430.dwg
Plot Date: 18/04/24 - 18:11
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

SOUTH PARADE

WONGA STREET

NOWRA LANE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000430

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000432

11km 400 11km 420 11km 440 11km 460 11km 480 11km 500 11km 520 11km 540 11km 560 11km 580

DOWN MAIN

UP MAIN

DOWN GOODS

UP GOODS

OLD BASE

DCSO

EP

OHWS B 10+830

M24 10.828D

PP No.M 14 kV FEEDER

PP No.M 11 kV FEEDER

OPEN DRAIN

GAS

RW

PLAN

1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000431 P01

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SERVICE PROVIDERS

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO

SOUTHWEST METRO

ENVIRONMENT MANAGEMENT

EASTERN AND WESTERN CORRIDOR

GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 31 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000431 | REV. A

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000431.dwg

Plot Date: 18/04/24 - 18:10

100mm AT FULL SIZE

FROM SYDENHAM

WONGA STREET

TO BANKSTOWN

SOUTH PARADE

NORTH PARADE

BELLOMBI STREET

MOORE STREE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000431

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000433

11km 560 | 11km 580 | 11km 600 | 11km 620 | 11km 640 | 11km 660 | 11km 680 | 11km 700 | 11km 720 | 11km 740

DOWN MAIN | UP MAIN | DOWN GOODS | UP GOODS

NOT SURVEYED

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000432 P01

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 32 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000432 | REV. A

Cad File: C:\Projectwise\arcadis-au-01\pd0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000432.dwg

Plot Date: 18/04/24 - 21:26

100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

GOULD STREET

SOUTH PARADE

NORTH PARADE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000432

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000434

FOR CAMPSIE CROSSOVERS ACCESS TRACK
CIVIL DETAILS REFER TO
SMCSWSWM-MTM-WEC-CE-DWG-103813
TO SMCSWSWM-MTM-WEC-CE-DWG-103822
AND DRAINAGE DETAILS REFER TO
SMCSWSWM-MTM-WEC-CE-DWG-103889 TO 103890

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000433 P01

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 33 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000433 | REV. A

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000433.dwg
Plot Date: 18/04/24 - 17:49
100mm AT FULL SIZE

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 34 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000434 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000434 P01

Cad File: C:/Projectwise/arcadis-au-01/d0174303/SMCSWSSJ-JHL-WEC-CE-SKE-000434.dwg
Plot Date: 18/04/24 - 17:46
100mm AT FULL SIZE

TOWN FROM SYDENHAM

HAROLD STREET

SOUTH PARADE

BEAMISH STREET

TO BANKSTOWN

CAMPSIE STATION PRECINCT

LIMIT OF CORRIDOR PACKAGE - REFER TO SWM DESIGN PACKAGE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000434

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000436

NORTH PARADE

CLISSOLD LANE

BEAMISH STREET

DISPENSARY LANE

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000435 P01

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 35 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000435 | REV. A

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000435.dwg
Plot Date: 18/04/24 - 17:44
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

LIMIT OF CORRIDOR PACKAGE - REFER TO SWM DESIGN PACKAGE

LILIAN STREET

TRACTION SUBSTATION WORKS BY LINEWIDE CONTRACTOR

SYDNEY TRAINS HV AERIAL FEEDER RELOCATION BY OTHERS REFER PACKAGE 030

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000437

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000439

WILFRED AVENUE

WILFRED

DOWN MAIN

UP MAIN

DOWN GOODS

UP GOODS

NOT SURVEYED

PUBLIC CARPARK

CAMDCIE

NBB1

NBB2

12km 480

12km 500

12km 520

12km 540

12km 560

12km 580

12km 600

12km 620

12km 640

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 38 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000438 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000438 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000438.dwg
Plot Date: 18/04/24 - 18:30
100mm AT FULL SIZE

TO BANKSTOWN
FROM SYDENHAM

CARRINGTON STREET

TO BANKSTOWN
FROM SYDENHAM

LILIAN LANE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000438

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000440

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000438

WILFRED LANE

12km 660 12km 680 12km 700 12km 720 12km 740 12km 760 12km 780 12km 800 12km 820 12km 840

PP No.26W 11kV 687 FEEDER 33kV 704 FEEDER

SIG No.SM 217B

BT 12061

DOWN MAIN
UP MAIN
DOWN GOODS
UP GOODS

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 39 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000439 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000439 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000439.dwg
Plot Date: 18/04/24 - 18:28
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

LOCH STREET

LILIAN LANE

LOFTUS STREET

WILFRED LANE

FOR TRACK FORMATION DETAILS
RELATED TO TURNOUT CONSTRUCTION
REFER TO RAIL SYSTEMS PACKAGE 105

FOR DETAILS OF NEW BRIDGE PROTECTION
SCREENS, REFER TO STRUCTURAL - BRIDGES
PACKAGE No. 104

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000439

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000441

12km 840 12km 860 12km 880 12km 900 12km 920 12km 940 12km 960 12km 980 13km 000 13km 020

ANCHOR ARR'GT
EL0237852

166m

Pack - X/OVER

39A

6BSI

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT
sydney METRO

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SERVICE PROVIDERS
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ARCADIS Design & Consultancy for natural and built assets

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DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 40 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000440 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing.

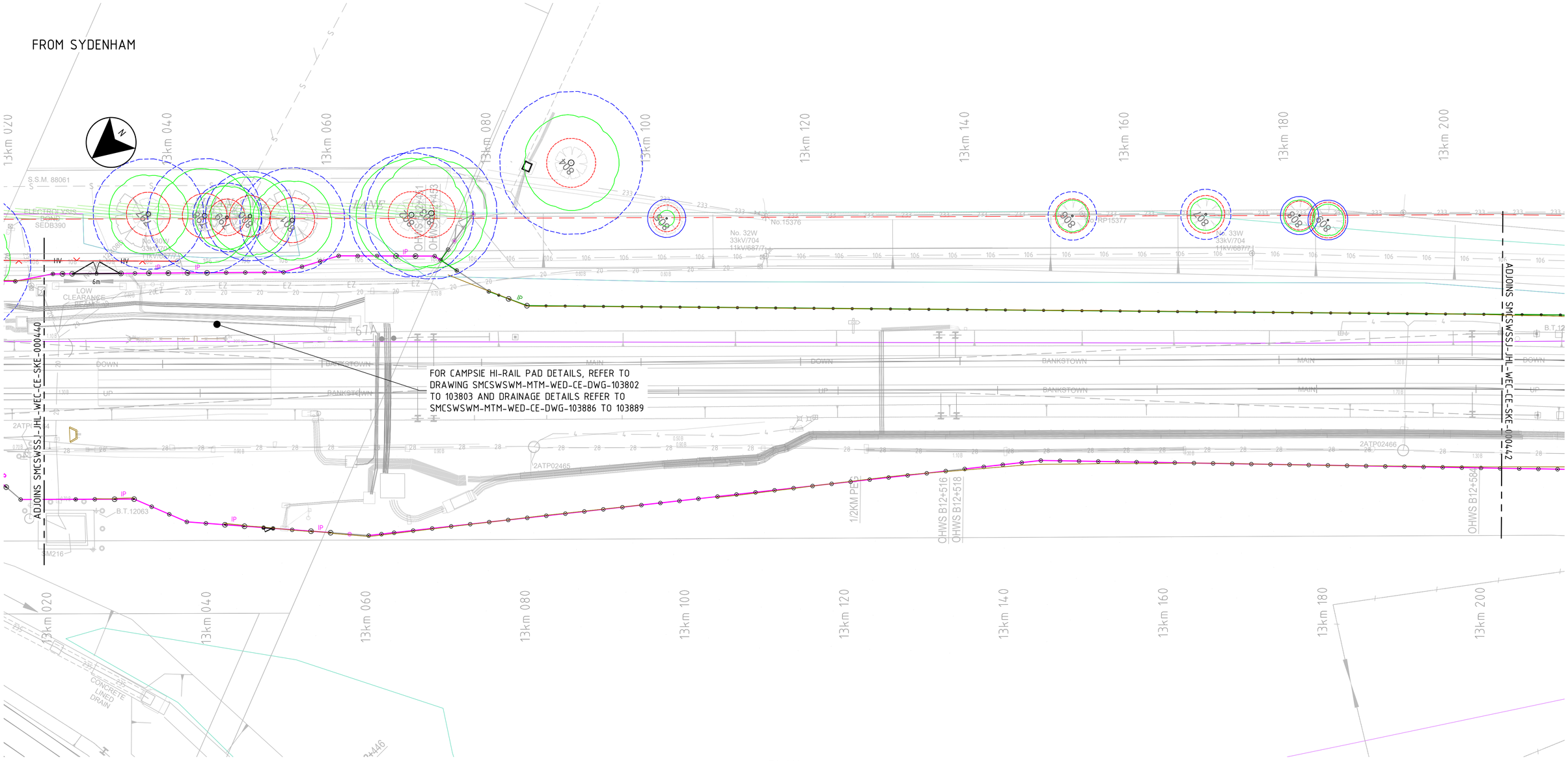
ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000440 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000440.dwg

Plot Date: 18/04/24 - 18:26

100mm A1 FULL SIZE

FROM SYDENHAM



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 41 OF 70 | ©

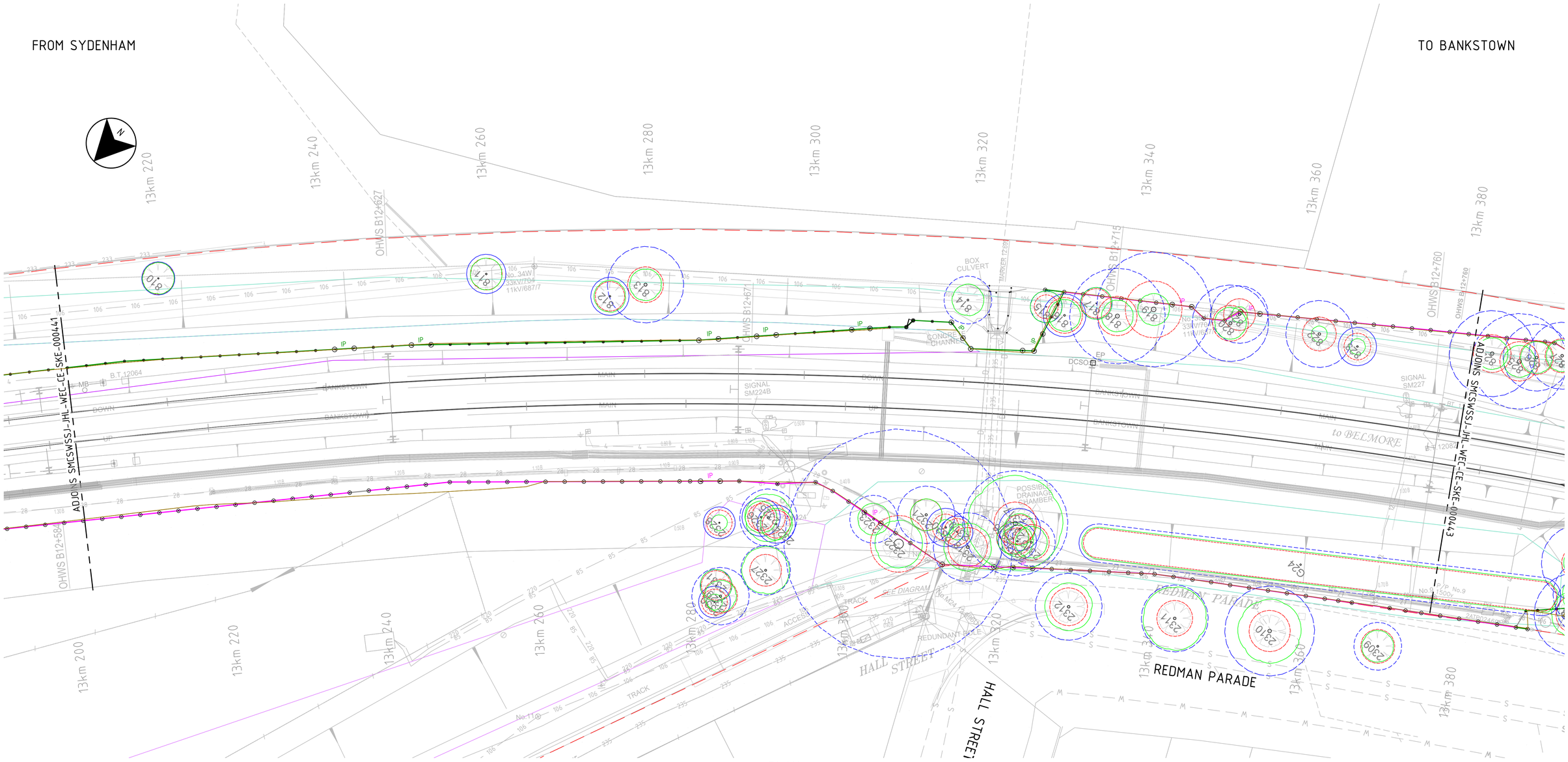
DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000441 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000441 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000441.dwg
Plot Date: 18/04/24 - 18:12
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 42 OF 70 | ©

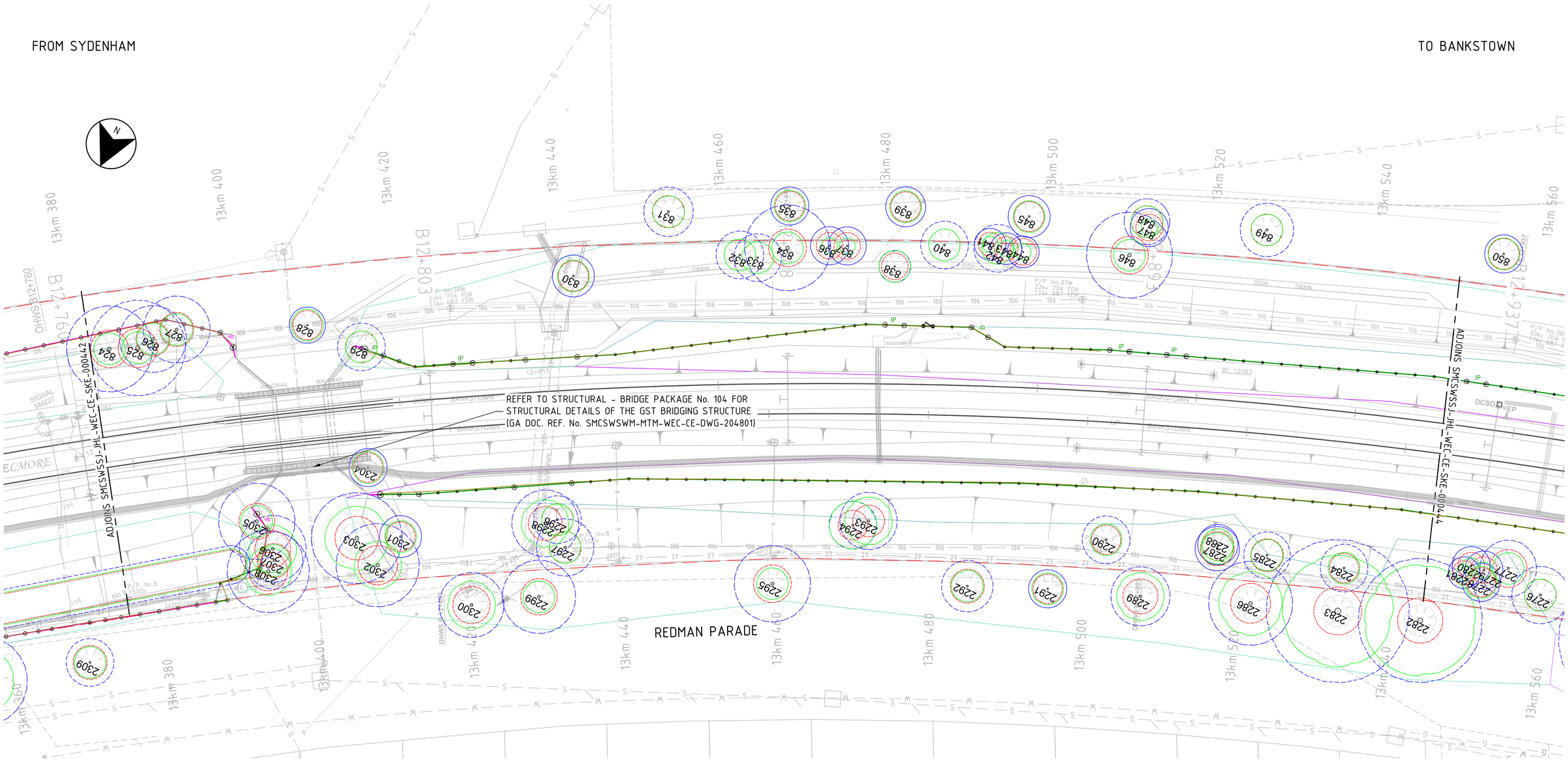
DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000442 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000442 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000442.dwg
Plot Date: 18/04/24 - 18:11
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
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DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 43 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000443 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000443 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000443.dwg
Plot Date: 18/04/24 - 19:29
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

N

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

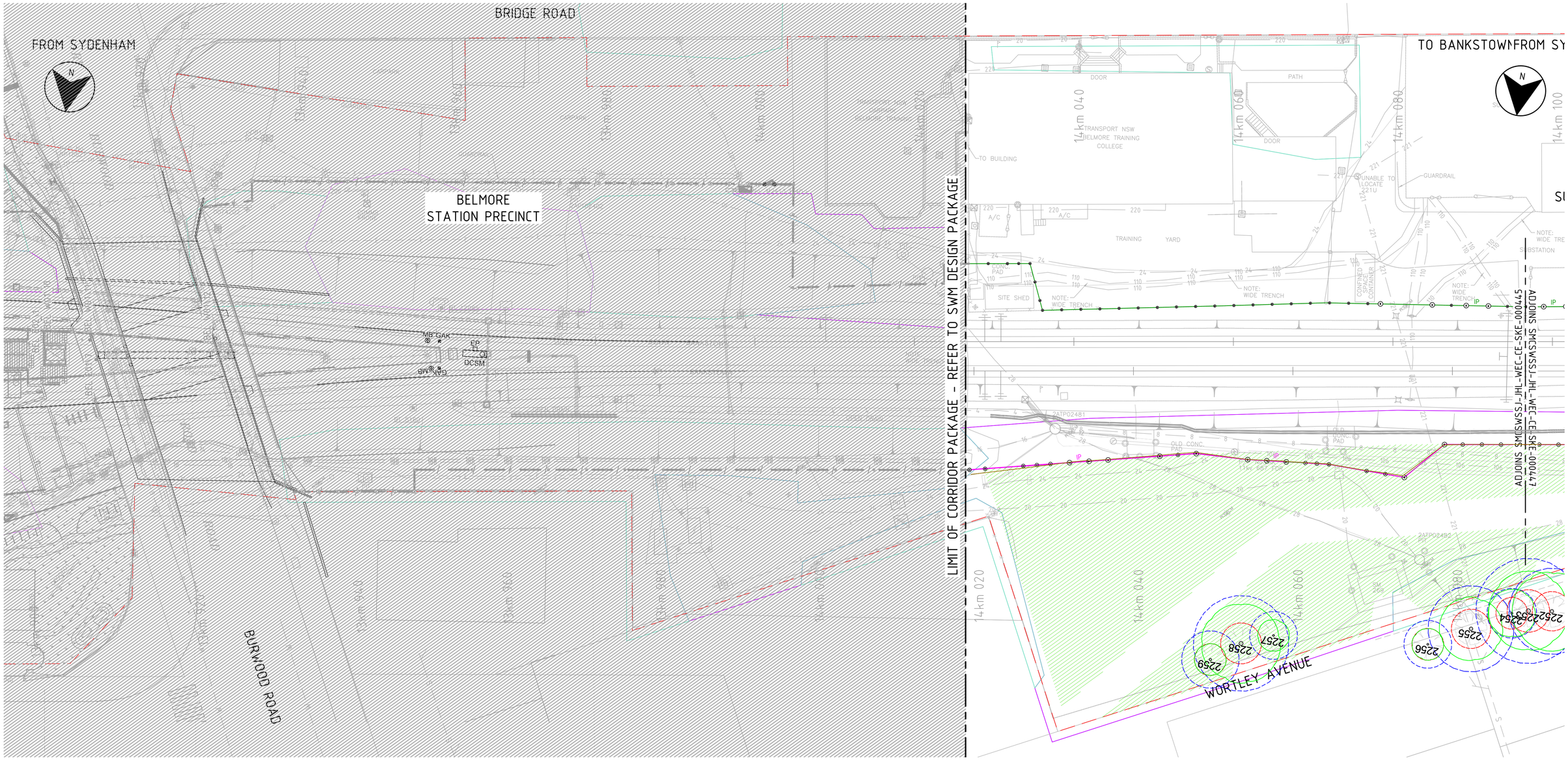
STATUS: FOR INFORMATION | SHEET 44 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000444 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000444 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000444.dwg
Plot Date: 18/04/24 - 19:30
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

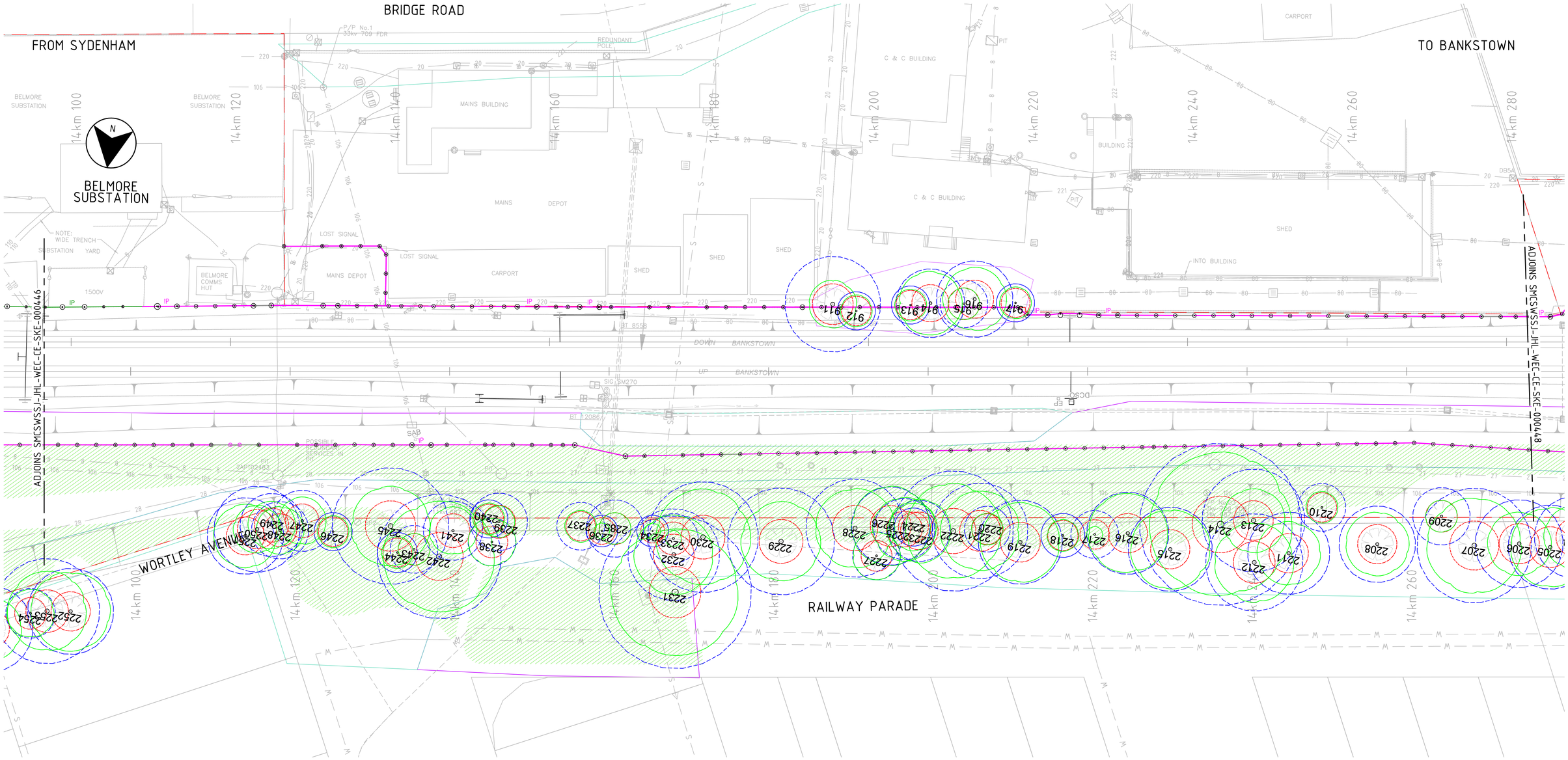
SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 46 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000446 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000446 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000446.dwg
Plot Date: 18/04/24 - 20:05
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 47 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000447 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000447 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000447.dwg
Plot Date: 18/04/24 - 19:24
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

14km 280
14km 300
14km 320
14km 340
14km 360
14km 380
14km 400
14km 420
14km 440
14km 460
PEEL STREET
THE BOULEVARDE
BRANDE STREET
RAILWAY PARADE
PEEL STREET
ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000447
ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000449
SITE SHED
OHWS B 13+672
OHWS B 13+726
OHWS B 13+779
OHWS B 13+833
SIG SM271
SIG SM281
DOWN BANKSTOWN
UP BANKSTOWN
P/P No.5K 33kv 709 FDR 11kv 687 FDR
P/P No.8K 11kv 687 FDR
GATE No. M2413,827D
GATE No. M2413,740U
GATE No. M2413,707U
GATE No. M2413,827U
P/P No.8K 11kv 687 FDR
P/P No.8K 11kv 687 FDR
P/P No.8K 11kv 687 FDR

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT
sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND
LAING O'ROURKE
ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 49 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000449 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000449 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000449.dwg
Plot Date: 18/04/24 - 19:21
100mm A1 FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

THE BOULEVARDE

RAILWAY PARADE

TAYLOR STREET

DENNIS STREET

TRACTION SUBSTATION WORKS BY LINEWIDE CONTRACTOR

LAKEMBA
TRACTION SUBSTATION

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000449

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000451

14km 660 14km 680 14km 700 14km 720 14km 740 14km 760 14km 780 14km 800 14km 820 14km 840

DOWN BANKSTOWN

UP BANKSTOWN

NBB1

NBB2

DCSO

62A 00R

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

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WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT
sydney METRO

SERVICE PROVIDERS
JOHN HOLLAND
LAING O'ROURKE
ARCADIS Design & Consultancy for natural and built assets

DRAWN XX.XX.2021
DESIGNED XX.XX.2021
DRG CHECK XX.XX.2021
DESIGN CHECK XX.XX.2021
APPROVED XX.XX.2021

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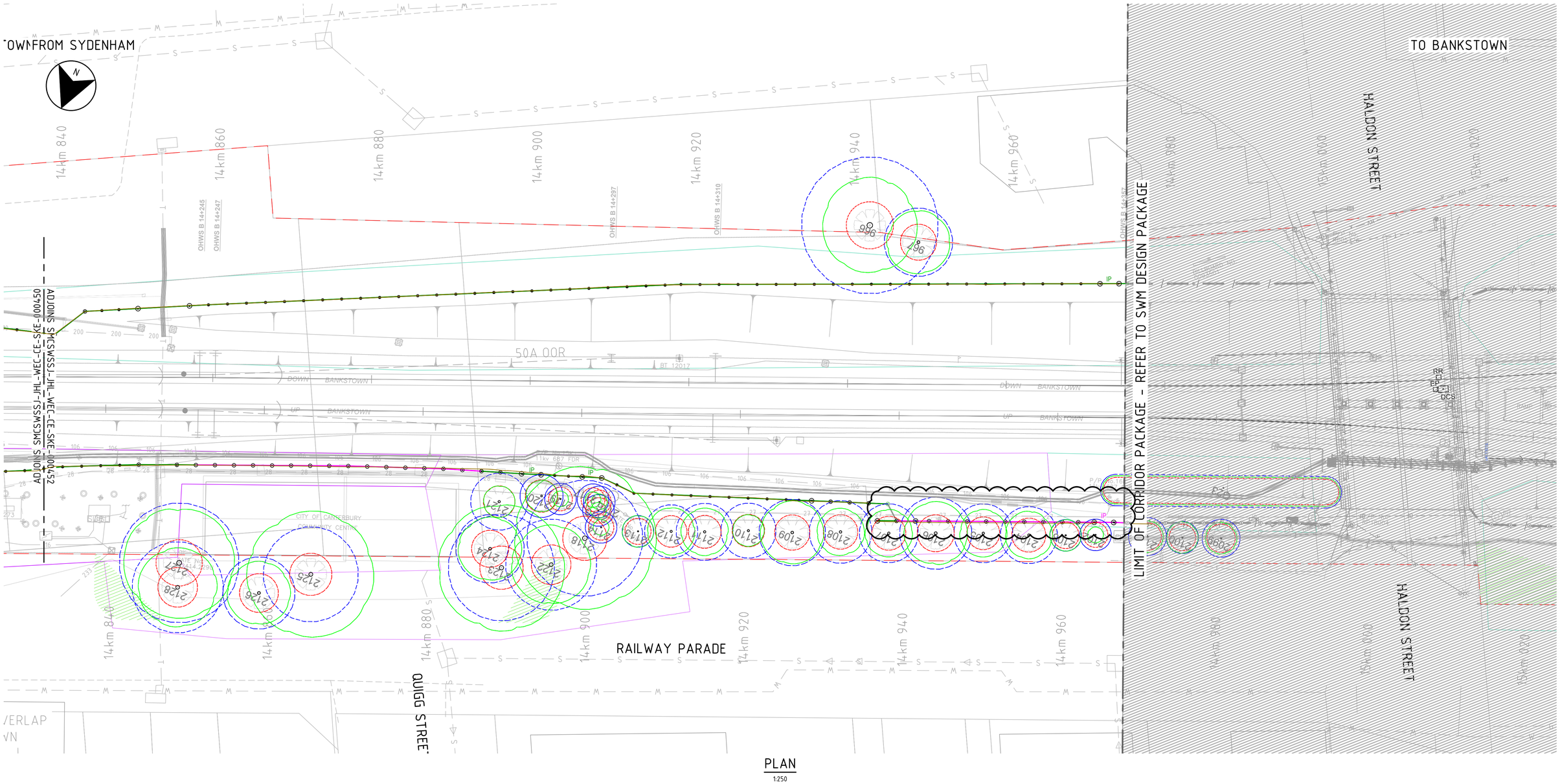
SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 50 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000450 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000450 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000450.dwg
Plot Date: 18/04/24 - 19:20
100mm AT FULL SIZE



LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

CLIENT

NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS

JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO

SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION	SHEET 51 OF 70	©
DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000451	REV.	A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing. ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000451 P01

Cad File: C:\Projects\wsle\arcadis-au-01\617430\3\SMCSWSSJ-JHL-WEC-CE-SKE-000451.dwg
Plot Date: 18/04/24 - 19:11
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN FROM SY

LIMIT OF CORRIDOR PACKAGE - REFER TO SWM DESIGN PACKAGE

FOR LAKEMBA RADIO REPEATER
DETAILED PLAN REFER TO
SMCSWSWM-MTM-WEC-CE-DWG-103993

EXISTING TIMBER WALL

FOR PROPOSED RETAINING WALL AND CULVER
AVOIDANCE DETAILS REFER TO DRAWINGS
SMCSWSWM-MTM-WEC-CE-DWG-103870 TO
SMCSWSWM-MTM-WEC-CE-DWG-103880

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000452

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000454

RAILWAY PARADE

BELLEVUE AVEN

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 53 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000453 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied	NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000453 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000453.dwg
Plot Date: 18/04/24 - 18:54
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

THE BOULEVARDE

KATHLEEN STREET

RAILWAY PARADE

ERNEST STREET

FOR PROPOSED RETAINING WALL AND CULVERT AVOIDANCE DETAILS REFER TO DRAWINGS SMCSWSWM-MTM-WEC-CE-DWG-103870 TO SMCSWSWM-MTM-WEC-CE-DWG-103880

EXISTING TIMBER WALL

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000453

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000455

DOWN BANKSTOWN

UP BANKSTOWN

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

CLIENT

NSW GOVERNMENT | sydney METRO

SERVICE PROVIDERS

JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

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SYDNEY METRO

SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

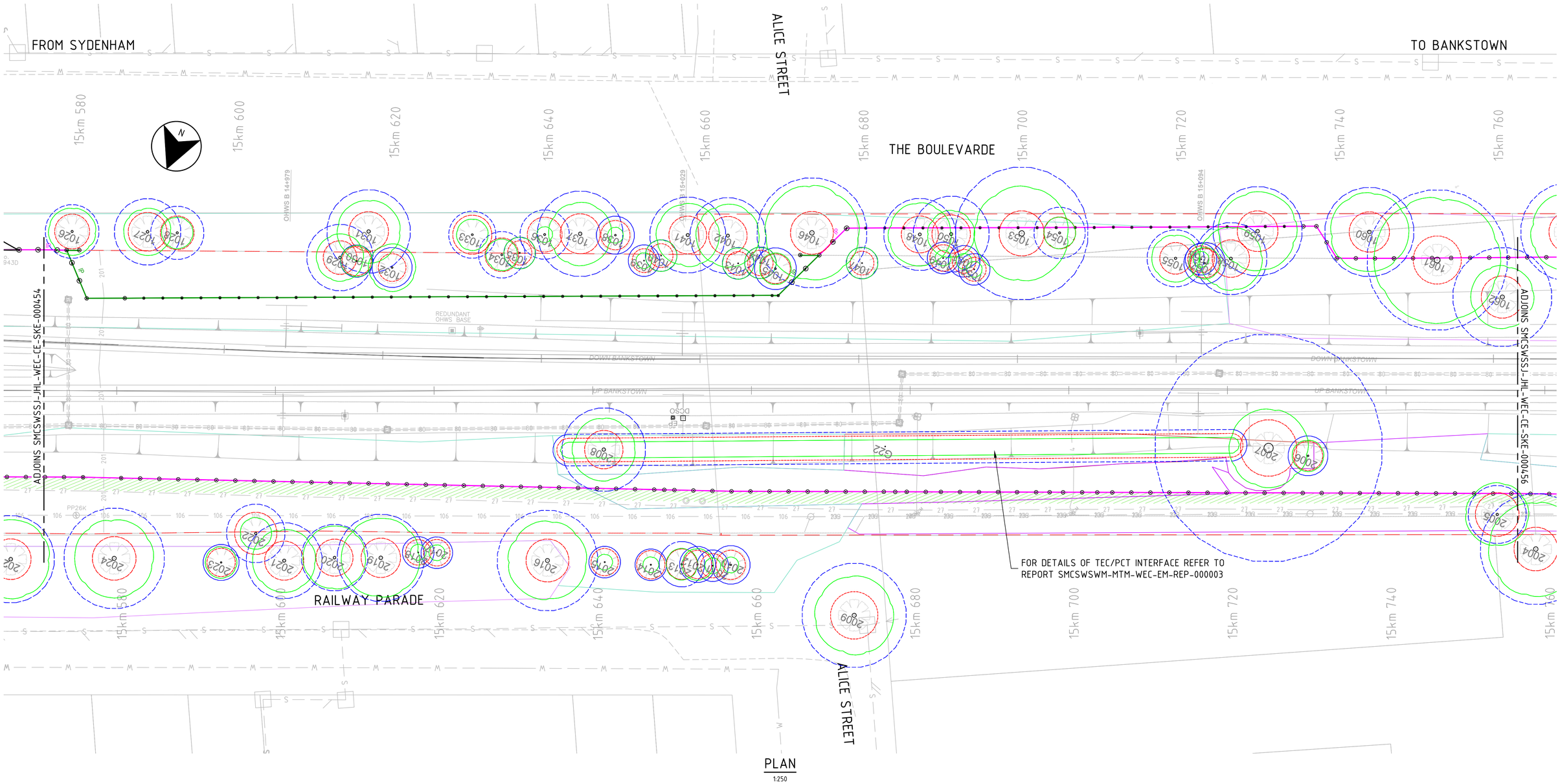
STATUS: FOR INFORMATION | SHEET 54 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000454 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000454 P01

Cad File: C:\Projectwise\arcadis-au-01\p01743\03\SMCSWSSJ-JHL-WEC-CE-SKE-000454.dwg
Plot Date: 18/04/24 - 19:27
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 55 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000455 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied	NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000455 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000455.dwg
Plot Date: 18/04/24 - 19:28
100mm AT FULL SIZE

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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SERVICE PROVIDERS
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DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 56 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000456 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000456 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000456.dwg
Plot Date: 18/04/24 - 19:28
100mm AT FULL SIZE

FROM SYDENHAM

THE BOULEVARDE

WILEY PARK
STATION PRECINCT

REFER TO WILEY PARK SERVICE BUILDING
CIVIL PACKAGE 483

CORNELIA STREET

LIMIT OF CORRIDOR PACKAGE - REFER TO SWM DESIGN PACKAGE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000457

TO BANKSTOWN FROM SY

URUNGA PARADE

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

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SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 58 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000458 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000458 P01

Cad File: C:\Projectwise\arcadis-au-01\ad017430\SMCSWSSJ-JHL-WEC-CE-SKE-000458.dwg
Plot Date: 18/04/24 - 20:47
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

THE BOULEVARDE

URUNGA PARADE

DEFOE STREET

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000458

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000460

DOWN BANKSTOWN

UP BANKSTOWN

REDUNDANT OHWS BASE

PLAN

1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

CLIENT

NSW GOVERNMENT | sydney METRO

SERVICE PROVIDERS

JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

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SYDNEY METRO

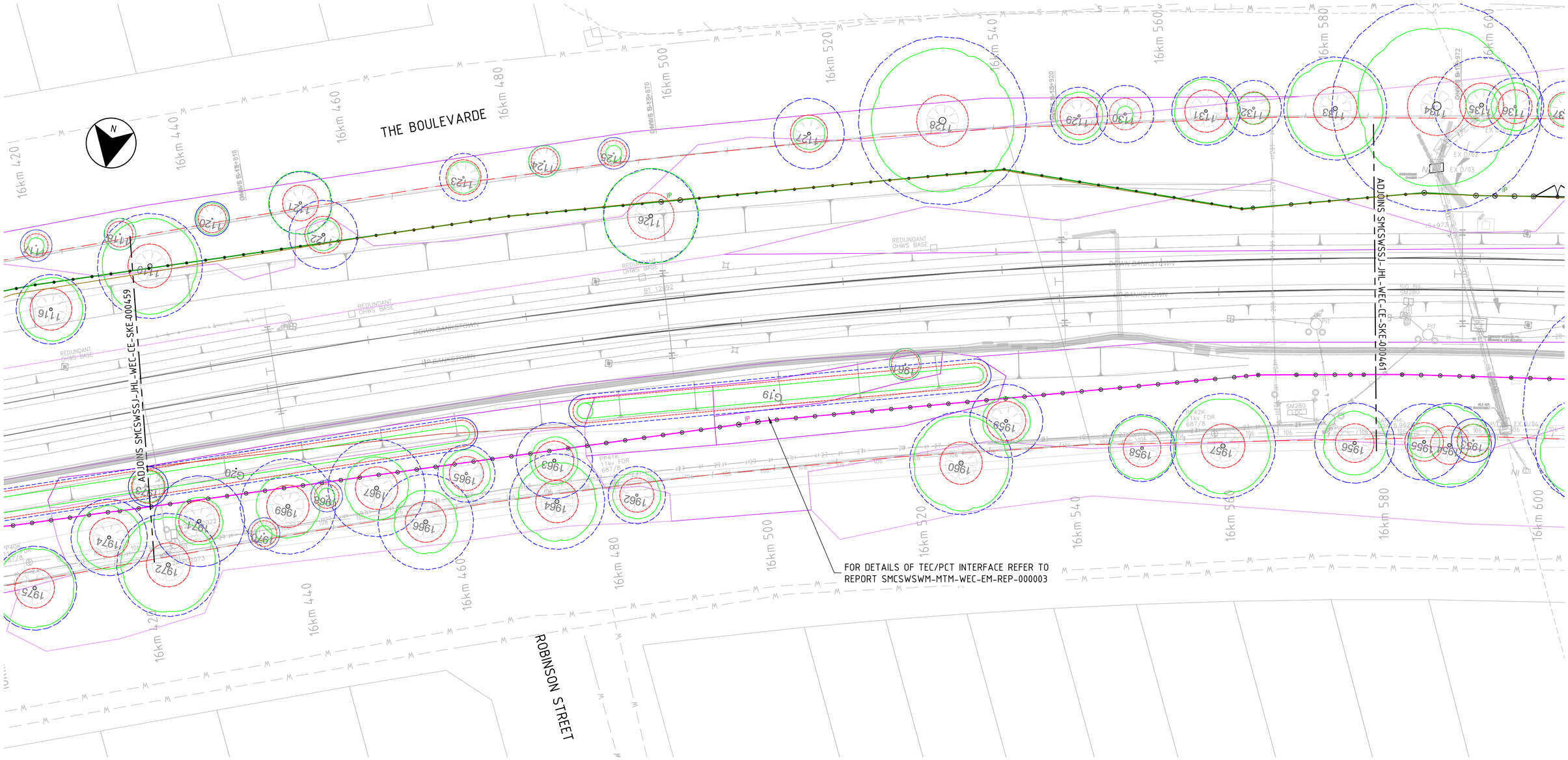
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 59 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000459 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000459 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000459.dwg
Plot Date: 18/04/24 - 20:45
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 60 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000460 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000460 P01

Cad File: C:/Projectwise/arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000460.dwg
Plot Date: 18/04/24 - 20:44
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

THE BOULEVARDE

URUNGA PARADE

ROSEMONT STREET

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000460

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000462

16km 560 16km 580 16km 600 16km 620 16km 640 16km 660 16km 680 16km 700 16km 720 16km 740

BANKSTOWN

UP BANKSTOWN

DOWN BANKSTOWN

REDUNDANT OHWS_BASE

NO NUMBER

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 61 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000461 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing. ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000461 P01

Cad File: C:/Projectwise/arcadis-au-01/d0174303/SMCSWSSJ-JHL-WEC-CE-SKE-000461.dwg
Plot Date: 18/04/24 - 20:43
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

THE BOULEVARDE

URUNGA PARADE

DUDLEY STREET

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000461

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000463

FOR WILEY PARK RADIO REPEATER DETAILED PLAN
REFER TO SMCSWSWM-MTM-WEC-CE-DWG-103994

REFER TO STATION PRECINCT PACKAGE - RICKETTY STREET LIMIT OF CORRIDOR

DOWN BANKSTOWN

UP BANKSTOWN

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

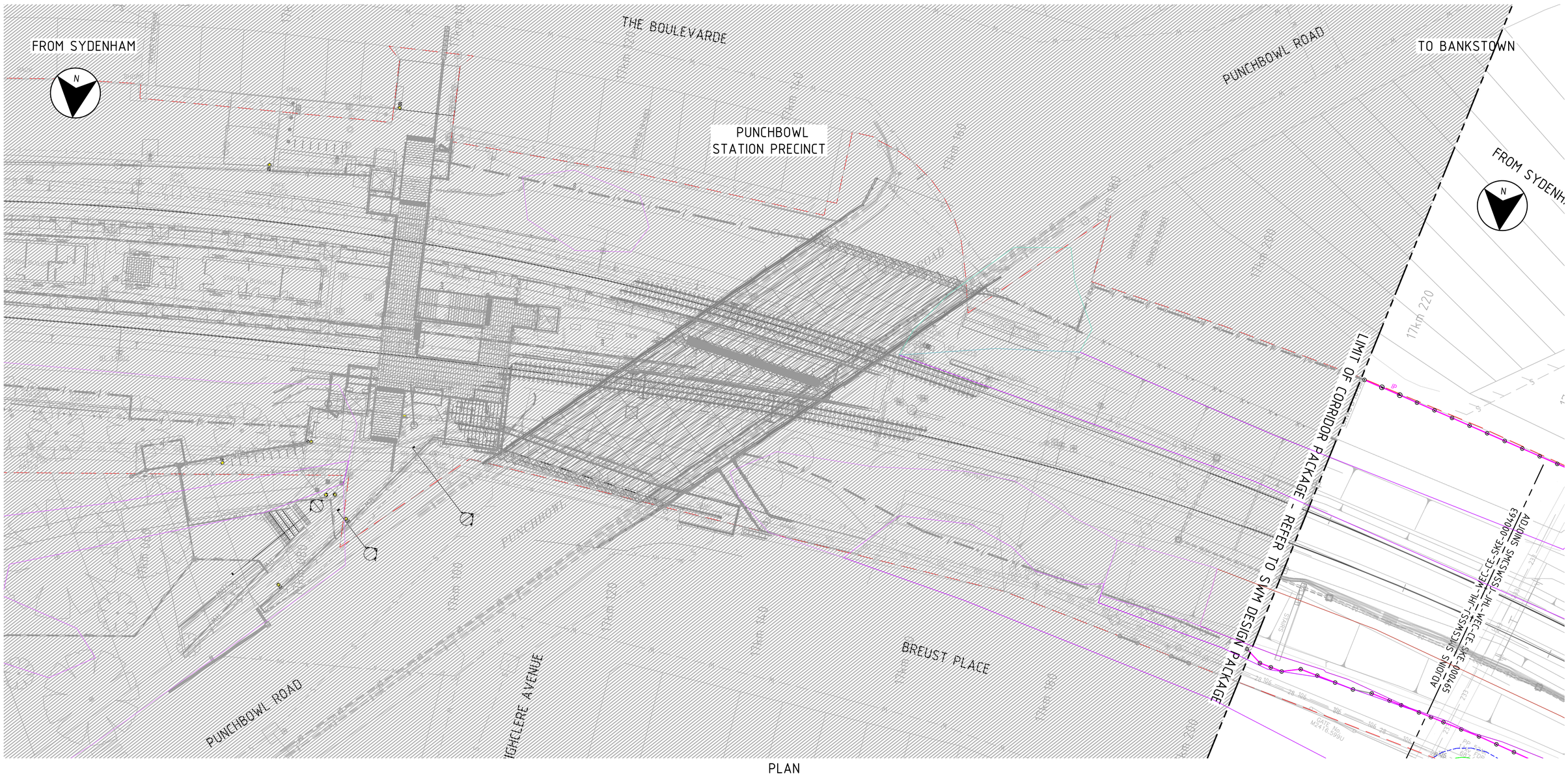
SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 62 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000462 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000462 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000462.dwg
Plot Date: 18/04/24 - 20:43
100mm AT FULL SIZE



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

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SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE
ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 64 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000464 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000464 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000464.dwg
Plot Date: 18/04/24 - 20:18
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

FRO

LIMIT OF CORRIDOR PACKAGE - REFER TO SWM DESIGN PACKAGE

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000464

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000464

CIVIL DETAILS REFER TO
SMCSWSWM-MTM-WEC-CE-DWG-103833 TO
103841 AND DRAINAGE DETAILS REFER TO
SMCSWSWM-MTM-WEC-CE-DWG-103895TO 103897

FOR DETAILS OF TEC/PCT
INTERFACE REFER TO REPORT
SMCSWSWM-MTM-WEC-EM-REP-000003

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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sydney METRO

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SERVICE PROVIDERS
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ARCADIS Design & Consultancy for natural and built assets

DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 65 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000465 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied

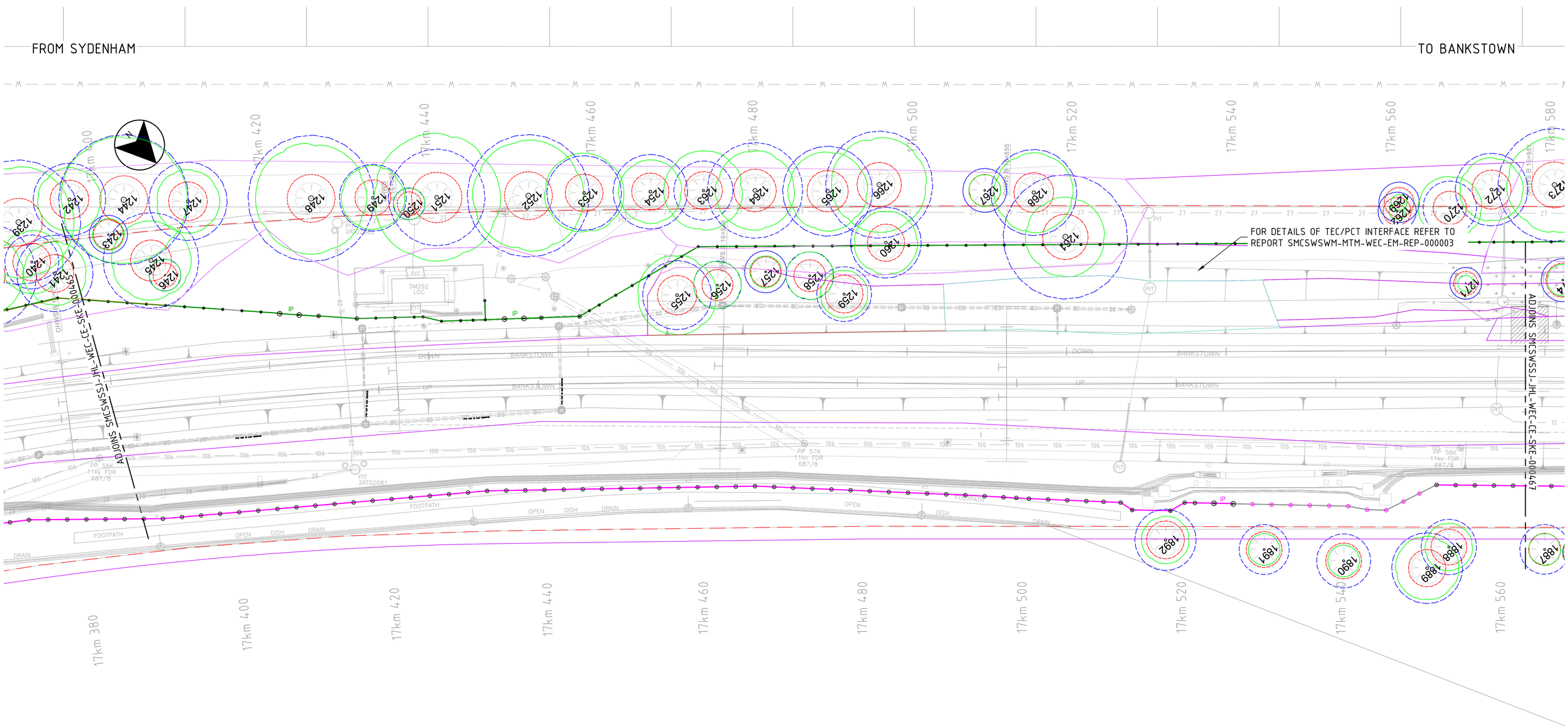
NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000465 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000465.dwg
Plot Date: 18/04/24 - 20:40
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
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SERVICE PROVIDERS
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DRAWN	XX.XX.2021
DESIGNED	XX.XX.2021
DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 66 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000466 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied	NOTE: Do not scale from this drawing.	ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000466 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000466.dwg
Plot Date: 18/04/24 - 20:39
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

SOUTH TERRACE

TRACTION SUBSTATION WORKS BY LINEWIDE CONTRACTOR

PUNCHBOWL
TRACTION SUBSTATION

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000466

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000468

KELLY STREET

STANSFIELD AVENUE

17km 560 17km 580 17km 600 17km 620 17km 640 17km 660 17km 680 17km 700 17km 720 17km 740 17km 760

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

WORK IN PROGRESS

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

CLIENT
NSW GOVERNMENT | sydney METRO

SERVICE PROVIDERS
JOHN HOLLAND | LAING O'ROURKE | ARCADIS Design & Consultancy for natural and built assets

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DRAWN XX.XX.2021
DESIGNED XX.XX.2021
DRG CHECK XX.XX.2021
DESIGN CHECK XX.XX.2021
APPROVED XX.XX.2021

SYDNEY METRO
SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 67 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000467 | REV. A

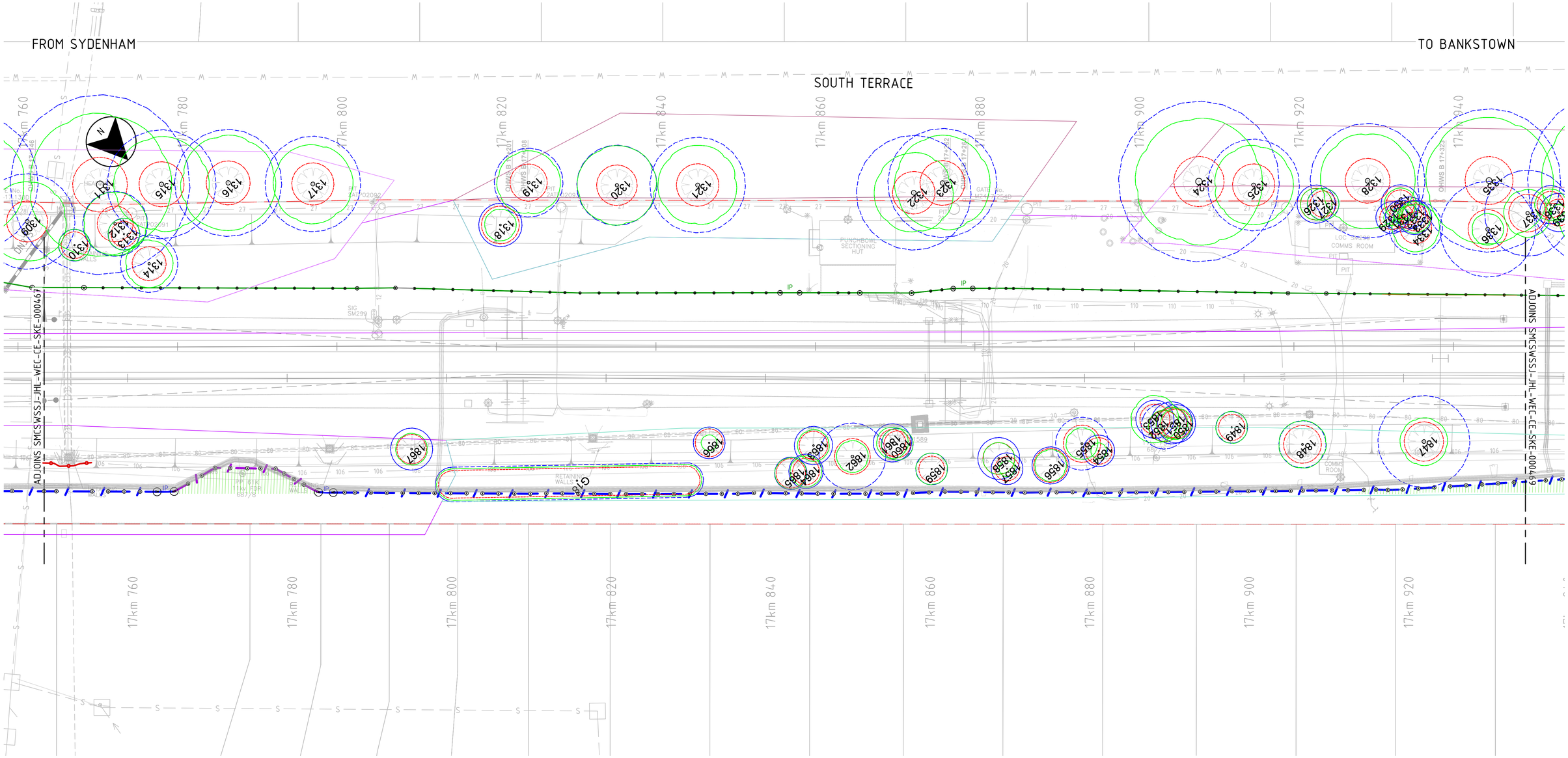
A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000467 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000467.dwg
Plot Date: 18/04/24 - 20:37
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

SOUTH TERRACE



PLAN

1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOT FOR CONSTRUCTION

REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES

2.5 0 2.5 5 7.5m

1 : 250 FULL SIZE A1

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DRG CHECK	XX.XX.2021
DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO

SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 68 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000468 | REV. A

A1 Original	Co-ordinate System: MGA Zone 56	Height Datum: A.H.D.	This sheet may be prepared using colour and may be incomplete if copied	NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000468 P01

Cad File: C:/Projectwise/arcadis-au-01/d0174303/SMCSWSSJ-JHL-WEC-CE-SKE-000468.dwg

Plot Date: 18/04/24 - 20:25

100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

SOUTH TERRACE

FOR DETAILS OF TEC/PCT INTERFACE REFER TO REPORT SMCSWSWM-MTM-WEC-EM-REP-000003

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000468

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000470

17km 940 17km 960 17km 980 18km 000 18km 020 18km 040 18km 060 18km 080 18km 100 18km 120

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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SYDNEY METRO
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STATUS: FOR INFORMATION | SHEET 69 OF 70 | ©

DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000469 | REV. A

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000469 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000469.dwg
Plot Date: 18/04/24 - 20:24
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

FOR DETAILS OF TEC/PCT INTERFACE REFER TO REPORT SMCSWSWM-MTM-WEC-EM-REP-000003

SOUTH TERRACE

FOR DETAILS OF TEC/PCT INTERFACE REFER TO REPORT SMCSWSWM-MTM-WEC-EM-REP-000003

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000469

18km 120 18km 140 18km 160 18km 180 18km 200 18km 220 18km 240 18km 260 18km 280 18km 300

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
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WORK IN PROGRESS

SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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SYDNEY METRO
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A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000470 P01

Cad File: C:\Projectwise\arcadis-au-01\d0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000470.dwg
Plot Date: 18/04/24 - 20:23
100mm AT FULL SIZE

FROM SYDENHAM

TO BANKSTOWN

LIMIT OF CORRIDOR PACKAGE SM DN18km 380

ADJOINS SMCSWSSJ-JHL-WEC-CE-SKE-000470

SOUTH TERRACE

DN METRO SW

UP METRO SW

18km 300 18km 320 18km 340 18km 360 18km 380 18km 400 18km 420 18km 440 18km 460 18km 480 18km 500

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
A	RT	XX.XX.2021	ISSUED FOR INFORMATION	GD

SCALES

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied

NOTE: Do not scale from this drawing.

ALT. DRG. No. SMCSWSSJ-JHL-WEC-CE-SKE-000463 P01

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DESIGN CHECK	XX.XX.2021
APPROVED	XX.XX.2021

SYDNEY METRO

SOUTHWEST METRO
ENVIRONMENT MANAGEMENT
EASTERN AND WESTERN CORRIDOR
GENERAL ARRANGEMENT - TREE SURVEY

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DRG No. SMCSWSSJ-JHL-WEC-CE-SKE-000471 | REV. A

Cad File: C:\Projectwise\arcadis-au-01\pd0174303\SMCSWSSJ-JHL-WEC-CE-SKE-000463.dwg

Plot Date: 18/04/24 - 20:42

100mm AT FULL SIZE

Appendix A (Part B) – Urban Arbor - Arboricultural Report – (DPK 532) Design Impacts

URBAN ARBOR
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Arboricultural Impact Assessment Report

Site location:
South West Metro
Bankstown Station
Bankstown NSW

Prepared for:
John Holland Laing O'Rourke

Prepared by:
Bryce Claassens
Urban Arbor Pty Ltd
Date: 13 February 2024
Ref: 240213-SWMBS-AIA
Rev: F

URBAN ARBOR
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1. INTRODUCTION

1.1 Urban Arbor have been instructed by John Holland Laing O'Rourke to provide an Arboricultural Impact Assessment Report for trees located within the site and adjoining sites in relation to a proposed development.

1.2 Below is a list of all documents and information provided to Urban Arbor to assist in preparing this report.

A) Bankstown General Fencing Arrangement Tree Overlay, AGJV, SMCSWSSJ-JHL-WBK-CE-DWG-532220_TREE OVERLAY, Received 23 January 2024 (Appendix 1).

B) Detail Survey, Cardno, Including Sheet 1-28, 16 April 2020.

1.3 The trees were inspected on 22 - 24 January 2020. Access was available to the subject site and the adjoining public areas only. All tree data contained in this report was collected during these site inspections.

2. SCOPE OF THE REPORT

2.1 This report has been undertaken to meet the following objectives.

2.1.1 Conduct a visual assessment of all significant trees located within 10 metres of development works from ground level. For the purpose of this report, a significant tree is a tree with a height equal to or greater than 5 metres.

2.1.2 Determine the trees estimated contribution years and remaining, useful life expectancy and award the trees a retention value.

2.1.3 Provide an assessment of the potential impact the proposed development is likely to cause to the condition of the subject trees in accordance with AS4970 Protection of trees on development sites (2009).

2.1.4 Specify tree protection measures for trees to be retained in accordance with AS4970-2009.

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3. LIMITATIONS

3.1 The observations and recommendations are based on the site inspections identified in the introduction (section 1) and the access available at the time of inspection. Findings of this report are based on the observations and site conditions at the time inspection.

3.2 All of the observations were carried out from ground level and none of the surrounding surfaces were lifted or removed during the inspection. No tests were carried out to the subject trees or surrounding area during the inspection.

3.3 Root decay can sometimes be present with no visual indication above ground. It is also impossible to know the extent of any root damage caused by mechanical damage such as underground root cutting during the installation of services without undertaking detailed root investigation. Any form of tree failure due to these activities is beyond the scope of this assessment.

3.4 The report reflects the subject tree(s) as found on the day of inspection. Any changes to the growing environment of the subject tree, or tree management works beyond those recommended in this report may alter the findings of the report. There is no warranty, expressed or implied, that problems or deficiencies relating to the subject tree, or subject site may not arise in the future.

3.5 Tree identification is based on accessible visual characteristics at the time of inspection. As key identifying features are not always available the accuracy of identification is not guaranteed. Where tree species is unknown, it is indicated with an *spp*.

3.6 All diagrams, plans and photographs included in this report are visual aids only, and are not to scale unless otherwise indicated.

3.7 Urban Arbor neither guarantees, nor is it responsible for, the accuracy of information provided by others that is contained within this report.

3.8 While an assessment of the subject trees estimated useful life expectancy is included in this report, no specific tree risk assessment has been undertaken for any of trees at the site.

3.9 The ultimate safety of any tree cannot be categorically guaranteed. Even trees apparently free of defects can collapse or partially collapse in extreme weather conditions. Trees are dynamic, biological entities subject to changes in their environment, the presence of pathogens and the effects of ageing. These factors reinforce the need for regular inspections. It is generally accepted that hazards can only be identified from distinct defects or from other failure-prone characteristics of a tree or its locality.

3.10 Alteration of this report invalidates the entire report.

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4. METHODOLOGY

4.1 The following information was collected during the assessment of the subject tree(s).

4.1.1 Tree common name

4.1.2 Tree botanical name

4.1.3 Tree age class

4.1.4 DBH (Trunk/Stem diameter at breast height/1.4m above ground level) - millimetres.

4.1.5 Estimated height - metres

4.1.6 Estimated crown spread (diameter of crown) - metres

4.1.7 Health

4.1.8 Structural condition

4.1.9 Amenity value

4.1.10 Estimated remaining contribution years (SULE)[1]

4.1.11 Retention value (Tree AZ)[2]

4.1.12 Notes/comments

4.2 An assessment of the trees condition was made using the visual tree assessment (VTA) model (Mattheck & Breloer, 1994).[3]

4.3 Tree diameter was measured using a DBH tape or in some cases estimated. Tree height and tree canopy spread was measured with a clinometer or in some cases estimated. All other measurements were estimations unless otherwise stated. The other tools used during the assessment were a nylon mallet, compass, camera and a steel probe.

4.4 All information was imported into our computerised geographical information system (GIS) PT-mapper pro. This software was used to measure/calculate all encroachment estimates included in this report.

4.5 All DBH measurements, tree protection zones, and structural root zones were calculated in accordance with methods set out in AS4970 Protection of trees on development sites (2009) [4] and in some cases estimated. See appendices for information.

4.6 Details of how the observations in this report have been assessed are listed in the appendices.

[1] Barrell Tree Consultancy, *SULE: Its use and status into the New Millennium*, TreeAZ/03/2001, http://www.treeaz.com/.

[2] Barrell Tree Consultancy, *Tree AZ version 10.04-ANZ*, http://www.treeaz.com/.

[3] Mattheck, C. & Breloer, H., *The body language of trees - A handbook for failure analysis*, The Stationary Office, London, England (2015).

[4] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009).

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5. SITE LOCATION AND BRIEF DESCRIPTION

5.1 The site is located in the suburb of Bankstown, New South Wales, which is located in the Canterbury Bankstown Local Government Area (LGA). Therefore, all trees at the site are subject to protection under the Bankstown Local Environmental Plan (LEP) 2015[5] and Development Control Plan (DCP) 2015.[6] The site has been identified as containing two heritage items (I3 and I4) in the LEP heritage maps.[7] None of the site is identified as 'biodiversity' in the Bankstown LEP biodiversity maps.[8]

6. GENERAL INFORMATION IN RELATION TO PROTECTING TREES ON DEVELOPMENT SITES

6.1 **Tree protection zone (TPZ):** The TPZ is the principle means of protecting trees on development sites and is an area required to maintain the viability of trees during development. It is commonly observed that tree roots will extend significantly further than the indicative TPZ, however the TPZ is an area identified in AS4970-2009 to be the area where root loss or disturbance will generally impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The TPZ also incorporates the SRZ (see below for more information about the SRZ). The TPZ is calculated by multiplying the DBH by twelve, with the exception of palms, other monocots, cycads and tree ferns, the TPZ of which have been calculated at one metre outside the crown projection. Additional information about the TPZ is included in appendix 3.

6.2 **Structural Root Zone (SRZ):** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always needs to be maintained to preserve a viable tree. The SRZ is calculated using the following formula; $(DAB \times 50)^{0.42} \times 0.64$. There are several factors that can vary the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally, work within the SRZ should be avoided. Soil level changes should also generally be avoided inside the SRZ of trees to be retained. Palms, other monocots, cycads and tree ferns do not have an SRZ. See the appendices for more information about the SRZ.

---

5 *Bankstown Local Environmental Plan 2015*, https://www.legislation.nsw.gov.au/#/view/EPI/2015/140/full, accessed 8 April 2020.

6 *Bankstown Development Control Plan 2015,* https://www.cbcity.nsw.gov.au/resident/trees-garden-home/pruning-removing-trees/tree-preservation-order, accessed 8 April 2020.

7 *Bankstown LEP Heritage map - Sheet HER_005,* https://www.legislation.nsw.gov.au/maps/7d76065c-d5cf-4258-96f3-fe071ed66ac7/0350_COM_HER_005_020_20150211.pdf, accessed 8 April 2020.

8 *Bankstown LEP Biodiversity map - Sheet BIO_005, https://www.legislation.nsw.gov.au/maps/245822a4-0e0a-4ffa-9b24-ebff93e6b646/0350_COM_BIO_005_020_20150211.pdf*, accessed 8 April 2020.

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6.3 **Minor encroachment into TPZ:** Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.

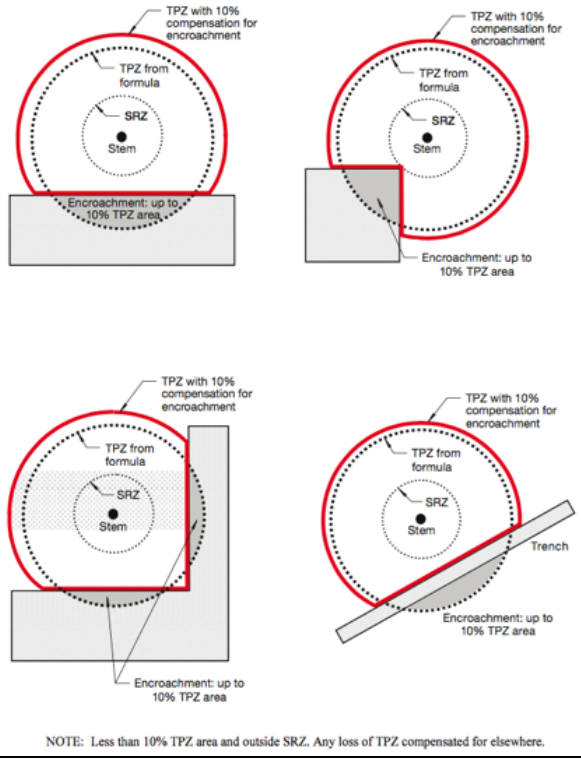

Image 1: Example minor TPZ encroachment from AS4970-2009.

6.4 **Major encroachment into TPZ:** Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted. Root investigations may be required to identify roots that will be impacted during major TPZ encroachment (see appendix 3 for more information in relation to root investigations).

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7. OBSERVATIONS

7.1 **Tree information:** Details of each individual tree assessed, including the observations taken during the site inspection, can be found in the tree inspection schedule in appendix 1, where the indicative tree protection zone (TPZ) and Structural Root Zone (SRZ) has been calculated for each of the subject trees. The TPZ and SRZ should be measured in radius from the centre of the trunk. Each of the subject trees have been awarded a retention value based on the observations using the Tree AZ method. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The Tree AZ categories sheet (Barrell Tree Consultancy) has been included in appendix 2 to assist with understanding the retention values. The retention value that has been allocated to the subject trees in this report is not definitive and should only be used as a guideline.

7.2 **Site plans:** The location of all trees included in this report were surveyed by Cardno (registered surveyors). The information for all trees included in this report has been collected by Urban Arbor. The tree location and tree information has been overlaid onto the proposed site plans by AGJV. Urban Arbor has used the software PT-Mapper-Pro to calculate all TPZ encroachment areas and percentages discussed in this report. Please refer to Appendix 1 for the Bankstown General Fencing Arrangement Tree Overlay, AGJV, SMCSWSSJ-JHL-WBK-CE-DWG-532220_TREE OVERLAY, received 23 January 2024, for detailed site plans. The site plans include tree location/tree trunk, tree identification number, canopy spread, tree protection zone (TPZ) and Structural Root Zone (SRZ). An example of the tree information identified within the site plans has been included in Image 2 below:

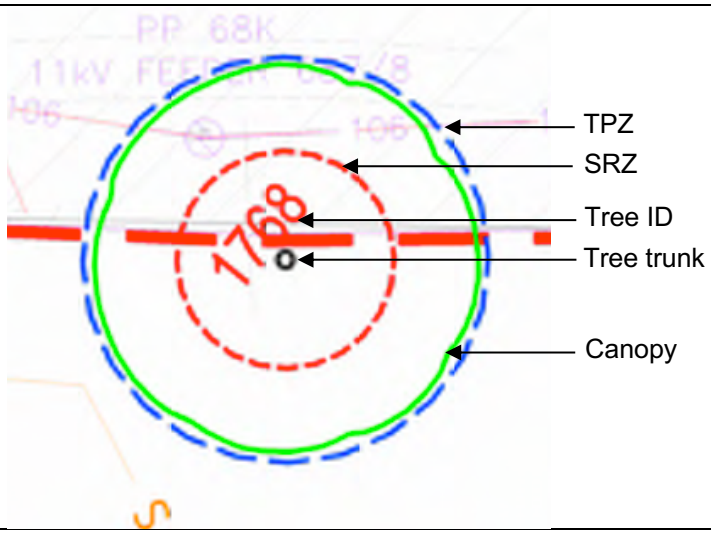

Image 2: Example of tree information identified within site plans.

8. ASSESSMENT OF CONSTRUCTION IMPACTS

8.1 Table 1: In the table below, the impact of the proposed development has been assessed for all trees included in the report. The assessed TPZ encroachments include proposed structures and hard landscaping only. All soft landscaping should be completed in accordance with section 11.10.

Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1433	*Eucalyptus microcorys*	A1	5.0	79.8	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1434	*Eucalyptus microcorys*	A1	5.2	83.6	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1435	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1436	*Eucalyptus microcorys*	A1	2.8	23.9	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1437	*Eucalyptus paniculata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1438	*Melaleuca linariifolia*	Z1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1439	*Eucalyptus fibrosa*	A1	7.1	159.6	3.1	None	No proposed TPZ encroachment.	Retain and protect
1440	*Melaleuca linariifolia*	Z1	2.0	12.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
1441	*Eucalyptus fibrosa*	A1	3.2	32.8	2.3	None	No proposed TPZ encroachment.	Retain and protect
1442	*Melaleuca linariifolia*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1443	*Melaleuca linariifolia*	Z1	2.2	15.7	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1444	*Eucalyptus paniculata*	A1	6.8	147.0	3.0	None	No proposed TPZ encroachment.	Retain and protect
1445	*Eucalyptus fibrosa*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1446	*Eucalyptus microcorys*	A1	4.1	52.3	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1447	*Eucalyptus fibrosa*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1448	*Eucalyptus microcorys*	Z5	2.9	26.1	2.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1449	*Eucalyptus microcorys*	A1	5.3	87.6	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1450	*Eucalyptus paniculata*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1451	*Eucalyptus fibrosa*	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
1452	*Eucalyptus fibrosa*	A1	5.9	108.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
1453	*Melaleuca linariifolia*	Z1	2.5	19.7	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1454	*Melaleuca linariifolia*	Z1	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
1455	*Melaleuca linariifolia*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1456	*Eucalyptus fibrosa*	A1	8.6	230.9	3.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1457	*Melaleuca linariifolia*	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1458	*Acacia longifolia*	Z1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
1459	*Acacia longifolia*	Z4	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1460	*Eucalyptus microcorys*	A1	6.2	122.3	2.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1461	*Acacia longifolia*	Z4	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
1462	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1463	*Eucalyptus microcorys*	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1464	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1465	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1466	*Eucalyptus microcorys*	A1	6.0	113.1	2.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1467	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1468	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1469	*Eucalyptus microcorys*	A1	6.7	141.9	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1470	*Acacia longifolia*	Z4	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
1471	*Eucalyptus microcorys*	A1	8.4	221.7	3.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1472	*Eucalyptus microcorys*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1473	*Eucalyptus microcorys*	A1	8.3	215.4	3.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1474	*Pittosporum undulatum*	A1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1475	*Eucalyptus microcorys*	A1	9.6	289.5	3.2	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1476	*Eucalyptus microcorys*	A1	9.0	254.5	3.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1477	*Eucalyptus microcorys*	A1	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1478	*Eucalyptus microcorys*	A1	10.8	366.4	3.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1479	*Eucalyptus microcorys*	A1	4.2	55.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1480	*Eucalyptus microcorys*	A1	4.8	72.4	2.5	None	No proposed TPZ encroachment.	Retain and protect
1481	*Eucalyptus microcorys*	A1	9.4	275.2	3.2	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1482	*Eucalyptus microcorys*	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1483	*Eucalyptus microcorys*	A1	8.0	203.1	2.9	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1484	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1485	*Eucalyptus microcorys*	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
1486	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1487	*Eucalyptus microcorys*	A1	8.2	209.2	2.9	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1488	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1489	*Eucalyptus microcorys*	A1	5.0	79.8	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1490	*Eucalyptus microcorys*	A1	7.9	197.1	3.2	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1491	*Eucalyptus saligna*	Z9	5.4	90.2	3.4	Major	The proposed security fence will encroach into the TPZ by 44% (39.9m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1492	*Eucalyptus microcorys*	A1	8.0	203.1	3.1	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1493	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1494	*Eucalyptus microcorys*	A1	3.8	46.3	2.3	Minor	The proposed security fence will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1495	*Eucalyptus saligna*	A1	4.8	73.2	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1496	*Eucalyptus microcorys*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1497	*Eucalyptus microcorys*	A1	3.6	40.0	2.5	None	No proposed TPZ encroachment.	Retain and protect
1498	*Eucalyptus moluccana*	Z1	2.0	12.6	1.5	Major	The proposed security fence will encroach into the TPZ by 29% (3.6m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is small/young and should not be a constraint to the development.	Remove
1499	*Eucalyptus moluccana*	A1	2.5	20.0	1.9	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1500	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1501	*Eucalyptus microcorys*	A1	7.8	191.1	2.8	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1502	*Eucalyptus punctata*	A1	7.0	152.2	2.8	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1503	*Eucalyptus microcorys*	A1	3.1	30.6	2.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1504	*Eucalyptus punctata*	A1	3.6	40.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
1505	*Eucalyptus punctata*	A1	4.0	49.3	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1506	*Eucalyptus punctata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1507	*Eucalyptus microcorys*	Z1	2.0	13.1	1.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1508	*Acacia decurrens*	Z1	2.0	12.6	1.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1509	*Eucalyptus microcorys*	A1	3.2	32.8	2.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1510	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 11% (6.2m^2) but not into the SRZ. This is just 1% above the threshold of minor TPZ encroachment. The tree was displaying good health during the site inspection, indicating the tree has the capacity to tolerate the root disturbance. The tree will not be significantly impacted by the proposed development.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1511	*Eucalyptus microcorys*	A1	2.9	26.1	2.0	Major	The proposed security fence will encroach into the TPZ by 25% (6.5m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1512	*Eucalyptus microcorys*	A1	6.6	136.8	2.7	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 27% (36.8㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1513	*Cinnamomum camphora*	Z4	7.2	162.9	2.8	Major	The proposed security fence will encroach into the TPZ by 18% (29.4m^2) but not into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition of the tree. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1514	*Cinnamomum camphora*	Z4	6.6	136.8	2.6	Major	The proposed security fence will encroach into the TPZ by 14% (18.1m^2) but not into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition of the tree. To reduce the impact to the tree, the proposed works must be completed in accordance with section 9.2 of this report.	Retain and protect*
1515	*Eucalyptus microcorys*	A1	6.6	136.8	2.8	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 26% (35.9㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1516	*Cinnamomum camphora*	Z4	6.0	113.1	2.6	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1517	*Eucalyptus microcorys*	A1	5.8	104.2	2.6	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 26% (35.9㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1518	*Casuarina glauca*	A1	3.8	46.3	2.3	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1519	*Casuarina glauca*	Z1	2.0	12.6	1.5	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1520	*Casuarina glauca*	Z1	2.0	12.6	1.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1521	*Lophostemon confertus*	A1	3.6	40.7	2.3	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 40% (16.4㎡) and into the SRZ, indicating that the condition and stability of the tree will potentially be impacted. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove* & #
1522	*Eucalyptus microcorys*	A1	5.3	87.6	2.5	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 13% (11.6m^2) but not into the SRZ. This is just 3% above the threshold of minor TPZ encroachment. The tree was displaying good health during the site inspection, indicating the tree has the capacity to tolerate the root disturbance. Therefore, the tree can be retained in a viable condition.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1523	*Cinnamomum camphora*	Z3	6.0	113.1	2.6	Major	The proposed security fence will encroach into the TPZ by 45% (50.9m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is less than 10m in height and is therefore exempt from protection. The tree should not be a constraint to the development.	Remove
1524	*Cinnamomum camphora*	Z3	7.8	191.1	3.0	Minor	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1525	*Cinnamomum camphora*	Z3	3.6	40.7	2.0	Major	The proposed security fence will encroach into the TPZ by 32% (13.1m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is less than 10m in height and is therefore exempt from protection. The tree should not be a constraint to the development.	Remove
1526	*Cinnamomum camphora*	Z3	3.8	46.4	2.3	Major	The proposed security fence will encroach into the TPZ by 27% (12.5m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is less than 10m in height and is therefore exempt from protection. The tree should not be a constraint to the development.	Remove
1527	*Cinnamomum camphora*	Z3	6.0	113.1	2.5	Major	The proposed security fence will encroach into the TPZ by 37% (41.3m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is less than 10m in height and is therefore exempt from protection. The tree should not be a constraint to the development.	Remove
1528	*Cinnamomum camphora*	Z3	5.7	100.7	2.6	Major	The proposed security fence will encroach into the TPZ by 38% (37.9m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is less than 10m in height and is therefore exempt from protection. The tree should not be a constraint to the development.	Remove

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1529	*Cinnamomum camphora*	Z3	2.6	21.9	2.1	Major	The proposed security fence will encroach into the TPZ by 46% (10.1m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is less than 10m in height and is therefore exempt from protection. The tree should not be a constraint to the development.	Remove
1530	*Eucalyptus tereticornis*	A2	7.8	191.1	3.2	Major	The tree is located outside the site boundary. The proposed security fence will encroach into the TPZ by 12% (22.7m^2) but not into the SRZ. This is just 2% above the threshold of minor TPZ encroachment. The tree was displaying good health during the site inspection, indicating the tree has the capacity to tolerate the root disturbance. Therefore, the tree can be retained in a viable condition.	Retain and protect
1531	*Melaleuca quinquenervia*	A1	12.0	452.4	3.3	Major	The proposed security fence will encroach into the TPZ by 38% (173.2m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1707	*Melaleuca quinquenervia*	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
1708	*Melaleuca quinquenervia*	A1	3.1	30.6	1.9	None	No proposed TPZ encroachment.	Retain and protect
1709	*Angophora floribunda*	A1	4.0	49.3	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1710	*Angophora floribunda*	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
1711	*Angophora costata*	A1	9.0	254.5	3.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1712	*Lophostemon confertus*	A1	3.8	46.3	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1713	*Angophora costata*	Z1	2.1	13.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
1714	*Melaleuca linariifolia*	A1	7.2	162.9	2.8	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1715	*Lophostemon confertus*	A1	4.4	61.9	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1716	*Lophostemon confertus*	A1	5.3	87.6	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1717	*Angophora costata*	A1	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
1718	*Eucalyptus punctata*	A1	6.0	113.1	2.6	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1719	*Eucalyptus punctata*	Z5	12.5	493.1	3.6	Major	The proposed security fence will encroach into the TPZ by 28% (136.3m^2) but not into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition of the tree. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*
1720	*Eucalyptus punctata*	A1	5.1	80.6	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1721	*Eucalyptus microcorys*	A1	5.3	87.6	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1722	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1723	*Eucalyptus microcorys*	A1	6.0	111.6	2.9	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1724	*Eucalyptus microcorys*	A1	4.8	72.4	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1725	*Eucalyptus microcorys*	A1	5.5	95.7	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1726	*Eucalyptus microcorys*	A1	5.2	83.7	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1727	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1728	*Eucalyptus microcorys*	A1	6.6	136.8	2.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1729	*Eucalyptus microcorys*	A1	4.8	72.4	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1730	*Eucalyptus microcorys*	A1	6.9	148.6	3.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1731	*Lophostemon confertus*	Z1	2.0	13.1	1.8	Major	The proposed security fence will encroach into the TPZ by 19% ($2.4m^2$) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is small/young and should not be a constraint to the development.	Remove
1732	*Eucalyptus spp*	Z10	3.1	30.6	2.0	Major	The proposed security fence will encroach into the TPZ by 35% ($10.7m^2$) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree has been topped, has a short useful life expectancy and should not be a constraint to the development.	Remove
1733	*Eucalyptus spp*	A1	2.4	18.1	1.8	Major	The proposed security fence will encroach into the TPZ by 18% ($3.2m^2$) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. It may be possible to retain this tree through detailed site investigations/tree sensitive design and construction.	Remove*

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1734	*Eucalyptus spp*	Z1	2.0	12.6	1.5	Minor	The proposed security fence will encroach into the TPZ by less than 10%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1735	*Eucalyptus spp*	A1	2.3	16.3	1.7	Minor	The proposed security fence will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1736	*Eucalyptus spp*	Z10	2.9	26.1	2.0	Major	The proposed security fence will encroach into the TPZ by 36% (9.5m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove
1737	*Eucalyptus spp*	Z5	4.7	70.1	2.5	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1738	*Eucalyptus spp*	Z5	2.5	20.4	2.0	Major	The proposed security fence will encroach into the TPZ by 30% (6.1m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove
1739	*Eucalyptus spp*	Z10	3.2	33.0	2.0	Major	The proposed security fence will encroach into the TPZ by 23% (7.9m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove
1740	*Eucalyptus spp*	Z5	2.0	13.1	1.7	Footprint	The trunk of the tree is located within the footprint of the proposed security fence.	Remove
1741	*Eucalyptus spp*	Z10	5.8	104.2	2.6	Major	The proposed security fencing will encroach into the TPZ by 47% (49.1m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1742	*Eucalyptus spp*	Z5	2.5	20.0	1.8	Major	The proposed security fencing will encroach into the TPZ by 39% (7.8m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove
1743	*Eucalyptus spp*	Z4	5.3	87.6	2.5	Major	The proposed security fencing will encroach into the TPZ by 44% (38.3m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree has a short useful life expectancy and should not be a constraint to the development.	Remove
1744	*Unknown spp*	Z4	4.2	55.4	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
G16	*Mixed spp*	Z1	2.2	14.7	1.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1745	*Cupressus sempervirens*	A1	6.0	113.1	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1746	*Unknown spp*	Z10	2.0	12.6	1.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1747	*Archontophoenix cunninghamiana*	Z1	2.0	12.6	NA	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1748	*Archontophoenix cunninghamiana*	Z1	2.0	12.6	NA	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1749	*Archontophoenix cunninghamiana*	Z1	2.0	12.6	NA	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1750	*Olea europaea*	Z1	2.0	12.6	1.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1751	*Banksia integrifolia*	A1	6.4	127.8	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1752	*Callistemon viminalis*	Z1	2.4	18.1	1.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1753	*Eucalyptus robusta*	A2	15.0	706.9	3.8	None	No proposed TPZ encroachment.	Retain and protect
1754	*Eucalyptus robusta*	A2	10.0	311.7	3.1	None	No proposed TPZ encroachment.	Retain and protect
1755	*Morus nigra*	Z3	4.8	72.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
1756	*Eucalyptus robusta*	A2	10.3	334.6	3.2	None	No proposed TPZ encroachment.	Retain and protect
1757	*Morus nigra*	Z3	3.6	40.7	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1758	*Cupressus spp*	A1	3.6	40.7	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1759	*Acacia spp*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1760	*Pinus radiata*	Z3	7.2	162.9	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1761	*Eucalyptus robusta*	A2	7.7	185.3	3.0	None	No proposed TPZ encroachment.	Retain and protect
1762	*Phoenix canariensis*	A1	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1763	*Eucalyptus robusta*	A2	7.9	197.1	3.0	None	No proposed TPZ encroachment.	Retain and protect
1764	*Acacia spp*	A1	2.0	12.6	1.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1765	*Eucalyptus robusta*	A2	9.1	261.3	3.2	None	No proposed TPZ encroachment.	Retain and protect
1766	*Erythrina x sykesii*	Z3	5.3	87.3	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1767	*Eucalyptus robusta*	A1	11.4	408.3	3.4	None	No proposed TPZ encroachment.	Retain and protect
1768	*Eucalyptus robusta*	A2	4.2	55.4	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
G17	*Acacia longifolia*	Z1	2.0	12.6	1.5	None	Group of approximately 150 small trees. No proposed TPZ encroachment.	Retain and protect
1769	*Cinnamomum camphora*	Z3	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1770	*Triadica sebifera*	A1	2.9	26.1	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1771	*Cinnamomum camphora*	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1772	*Acacia longifolia*	Z4	4.6	65.3	2.3	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1433	*Eucalyptus microcorys*	A1	5.0	79.8	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

Notes

- Retain and protect* = The proposed construction must be completed in accordance with section 9.2 to reduce the impact to the tree.
- Remove* = It may be possible to retain this tree through detailed site investigations to determine the trees viability for retention, i.e. root investigations, tree sensitive design.
- Remove* & # = The tree is located outside the site boundary and is recommended for removal due to major TPZ/SRZ encroachment. It may be possible to retain this tree through detailed site investigations to determine the trees viability for retention, i.e. root investigations, tree sensitive design/construction.

9. CONCLUSIONS

9.1 **Table 2:** Summary of the impact to trees during the development;

Impact	Category A	Category Z	Total
	A	Z	
Trees located within the site boundary recommended to be removed. (recommendation = Remove)	None	1488, 1491, 1498, 1523, 1525, 1526, 1527, 1528, 1529, 1731, 1732, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743	**19 trees**
Trees located within the site boundary recommended to be removed that will be subject to major TPZ/SRZ encroachment. It may be possible to retain these trees through detailed site investigations. (recommendation = Remove*)	1511, 1531, 1733	1719	**4 trees**
Trees located outside the site boundary recommended to be removed that will be subject to major TPZ/SRZ encroachment. It may be possible to retain these trees through detailed site investigations. (recommendation = Remove* & #)	1512, 1515, 1517, 1521	None	**4 trees**
Trees recommended to be retained requiring tree sensitive construction methods and/or design modifications. (recommendation = Retain and protect*)	None	1513, 1514	**2 trees**
Trees recommended to be retained. (recommendation = Retain and protect)	1433, 1434, 1435, 1436, 1439, 1441, 1444, 1445, 1446, 1449, 1450, 1451, 1452, 1456, 1460, 1463, 1466, 1469, 1471, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1485, 1487, 1489, 1490, 1492, 1494, 1495, 1497, 1499, 1501, 1502, 1503, 1504, 1505, 1509, 1510, 1518, 1522, 1530, 1707, 1708, 1709, 1710, 1711, 1712, 1714, 1715, 1716, 1717, 1718, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1735, 1745, 1751, 1753, 1754, 1756, 1758, 1761, 1762, 1763, 1764, 1765, 1767, 1768, 1770	1437, 1438, 1440, 1442, 1443, 1447, 1448, 1453, 1454, 1455, 1457, 1458, 1459, 1461, 1462, 1464, 1465, 1467, 1468, 1470, 1472, 1484, 1486, 1493, 1496, 1500, 1506, 1507, 1508, 1516, 1519, 1520, 1524, 1713, 1734, 1744, **G16**, 1746, 1747, 1748, 1749, 1750, 1752, 1755, 1757, 1759, 1760, 1766, **G17**, 1769, 1771, 1772	**136 trees & 2 groups of trees**

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9.2 **Construction Design/Specification Requirements for Tree 1513 and 1514:** To ensure the trees are not adversely impacted by the construction, it must be demonstrated the following design and construction specifications can be implemented within the TPZ of the trees. If the construction cannot be completed in accordance with these specifications, the trees may not be viable for retention.

9.2.1 **Security Fence – tree 1513 and 1514:** The proposed security fence will be installed using the tree sensitive method of post and rail type construction. To ensure the trees are not significantly impacted by the works, the initial 600mm of excavations for all post holes must be excavated manually. The post location must be flexible to avoid the severance of significant roots 40mm and greater in diameter. No posts are to be located within the SRZ or root investigations will be required to determine the post location. See appendix 3 for more information in regard to root investigations. All rails/horizontal materials are to be located on or above existing soil grades. This will allow for the majority of the root system to be retained between the posts, minimising root loss. Any canopy pruning required for the installation of the proposed structures must be assessed by the project arborist and completed in accordance with AS4373 Pruning of amenity trees (2007).

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10. RECOMMENDATIONS

10.1 This report assesses the impact of a proposed development at the subject site to one hundred and sixty-five (165) trees and two (2) groups of trees located within the site and adjoining sites, in accordance with AS4970 Protection of trees on development sites (2009).

10.2 For site plans of tree locations, refer to Appendix 1 for the Bankstown General Fencing Arrangement Tree Overlay, AGJV, SMCSWSSJ-JHL-WBK-CE-DWG-532220_TREE OVERLAY, Received 23 January 2024. See section 7.2 for more information.

10.3 In total twenty-seven (27) trees have been recommended for removal within this report, including tree 1488, 1491, 1498, 1511, 1512, 1515, 1517, 1521, 1523, 1525, 1526, 1527, 1528, 1529, 1531, 1719, 1731, 1732, 1733, 1736, 1737, 1738, 1739, 1740, 1741, 1742 and 1743. Of these trees, four (4) are located outside the site boundary, including tree 1511, 1531, 1719 and 1733. The removal of trees located outside the site boundary is subject to approval by the relevant authorities and/or tree owners. See section 9.1 table 2 for tree numbers within this category.

10.4 It may be possible to retain eight (8) of the trees recommended for removal in section 10.3 through detailed site investigations and/or tree sensitive construction measures, including tree 1511, 1512, 1515, 1517, 1521, 1531, 1719 and 1733. Refer to section 9.2 for more information in regard to detailed site investigations and tree sensitive construction measures.

10.5 Two (2) trees have been identified that require tree sensitive construction methods to be retained in a viable condition, including tree 1513 and 1514. To retain the trees in a viable condition, the proposed construction within the TPZ of the trees must be completed in accordance with section 9.2 of this report.

10.6 The remaining one-hundred and thirty-six (136) trees and two (2) groups of trees can be retained in a viable condition. See section 9.1 table 2 for tree numbers within this category.

10.7 All trees to be retained must be protected for the duration of development, (including demolition and landscaping, in accordance with AS4970-2009). Generic tree protection guidance has been provided in section 11. It is recommended that a detailed tree management plan (TMP) is prepared for the development in accordance with AS4970-2009 and developed in combination with the overall construction management plan for the site. The TMP should be prepared by a consulting Arborist with a minimum AQF level 5 qualification.

10.8 This report does not provide approval for tree removal or pruning works. All recommendations in this report are subject to approval by the relevant authorities and/or tree owners. This report should be submitted as supporting evidence with any tree removal/pruning or development application.

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11. TREE PROTECTION REQUIREMENTS

11.1 **Use of this report:** All contractors must be made aware of the tree protection requirements prior to commencing works at the site. This report and a copy of the site plan (Appendix 1) drawings must also be made available to any contractor prior to works commencing and during any on site operations.

11.2 **Project Arborist:** Prior to any works commencing at the site a project Arborist should be appointed. The project Arborist should be qualified to a minimum AQF level 5 and/or equivalent qualifications and experience and should assist with any development issues relating to trees that may arise. If at any time it is not feasible to carryout works in accordance with this, an alternative must be agreed in writing with the project Arborist.

11.3 **Tree work:** All tree work must be carried out by a qualified and experienced Arborist with a minimum of AQF level 2 in arboriculture, in accordance with NSW Work Cover Code of Practice for the Amenity Tree Industry (1998) and AS4373 Pruning of amenity trees (2007).

11.4 **Initial site meeting/on-going regular inspections:** The project Arborist is to hold a pre-construction site meeting with principal contractor to discuss methods and importance of tree protection measures and resolve any issues in relation to tree protection that may arise. In accordance with AS4970-2009, the project Arborist should carryout regular site inspections to ensure works are carried out in accordance with this document throughout the development process. Site inspections are recommended on a bi-monthly frequency.

11.5 **Site Specific Tree Protection Recommendations:** Tree protection fencing should be located at the extent of the TPZ perimeter for all trees to be retained that are located within 10m of proposed works and construction traffic areas. Tree protection is to be specified and approved by the project arborist recommendations. All trees to be retained must be protected in accordance with general requirements of AS4970-2009 for the duration of the development, details of which are discussed in further details in this section of the report.

11.6 **Tree protection Specifications:** It is the responsibility of the principal contractor to install tree protection prior to works commencing at the site (prior to demolition works) and to ensure that the tree protection remains in adequate condition for the duration of the development. The tree protection must not be moved without prior agreement of the project Arborist. The project Arborist must inspect that the tree protection has been installed in accordance with this document and AS4970-2009 prior to works commencing.

11.6.1 Protective fencing: The protective fencing must be constructed of 1.8 metre ‘cyclone chainmesh fence’. The fencing should only be removed for the landscaping phase, and this should be approved by the project Arborist. Where it is not feasible to install fencing at the specified location due to factors such restricting access to areas of the site or for constructing new structures, an alternative location and protection specification must be agreed with the project Arborist. Any modifications to the fencing locations must be approved by the project Arborist.

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11.6.2 TPZ signage: Tree protection signage is to be attached to the protective fencing, displayed in a prominent position and the sign repeated at 10 metres intervals or closer where the fence changes direction. Each sign shall contain in a clearly legible form, the following information:

- Tree protection zone/No access.
- This fence has been installed to prevent damage to the tree/s and their growing environment both above and below ground. Do not move fencing or enter TPZ without the agreement of the project Arborist.
- The name, address, and telephone number of the developer/builder and project Arborist

11.6.3 Trunk and Branch Protection: The trunk must be protected by wrapped hessian or similar material to limit damage. Timber planks (50mm x 100mm or similar) should then be placed around tree trunk. The timber planks should be spaced at 100mm intervals and must be fixed against the trunk with tie wire, or strapping and connections finished or covered to protect pedestrians from injury. The hessian and timber planks must not be fixed to the tree in any instance. The trunk and branch protection shall be installed prior to any work commencing on site and shall be maintained in good condition for the entire development period.

11.6.4 Mulch: Any areas of the TPZ located inside the subject site (only trees to be retained directly adjacent to site works must be mulched to a depth of 75mm with good quality composted wood chip/leaf mulch.

11.6.5 Ground Protection: Ground protection is required to protect the underlying soil structure and root system in areas where it is not practical to restrict access to whole TPZ, while allowing space for construction. Ground protection must consist of good quality composted wood chip/leaf mulch to a depth of between 150-300mm, laid on top of geo textile fabric. If vehicles are to be using the area, additional protection will be required such as rumble boards or track mats to spread the weight of the vehicle and avoid load points. Ground protection is to be specified by the project Arborist as required.

11.6.6 Temporary irrigation: Temporary irrigation should be set up in the TPZ of all trees to be retained and should distribute water evenly throughout the area of the TPZ. The irrigation should be used for at minimum one hour daily throughout all stages of the development.

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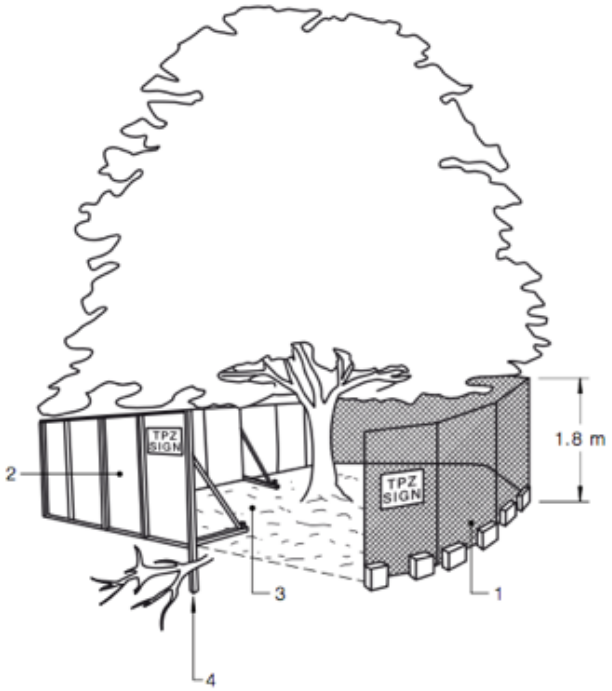
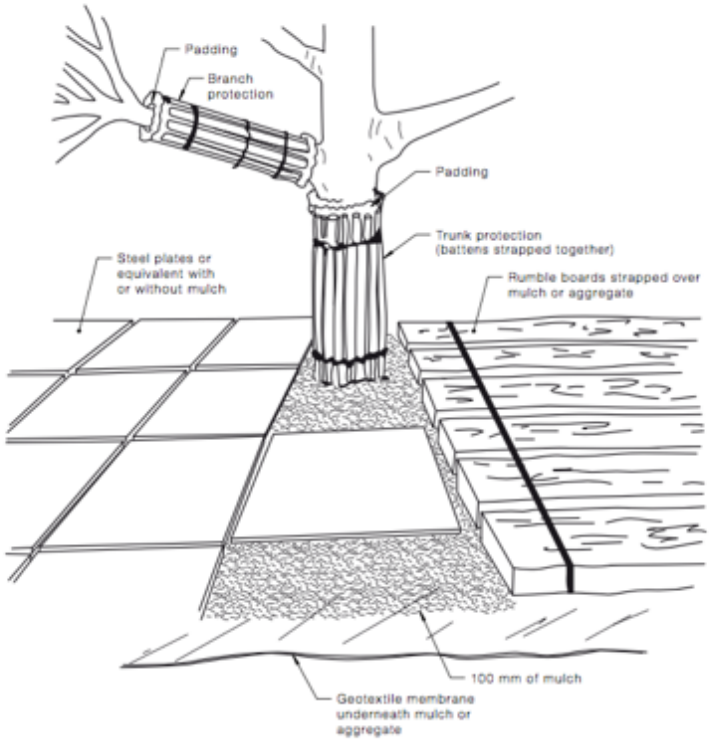


LEGEND:
1 Chain wire mesh panels with shade cloth (if required) attached, held in place with concrete feet.
2 Alternative plywood or wooden paling fence panels. This fencing material also prevents building materials or soil entering the TPZ.
3 Mulch installation across surface of TPZ (at the discretion 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.

An image from AS4970-2009,[9] with example tree protection.

[9] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 16.



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.

An image from AS4970-2009,[10] with example tree protection.

11.7 **Restricted activities inside TPZ:** The following activities must be avoided inside the TPZ of all trees to be retained unless approved by the project Arborist. If at any time these activities cannot be avoided an alternative must be agreed in writing with the project Arborist to minimise the impact to the tree.

A) Machine excavation.
B) Ripping or cultivation of soil.
C) Storage of spoil, soil or any such materials
D) Preparation of chemicals, including preparation of cement products.
E) Refueling.
F) Dumping of waste.
G) Wash down and cleaning of equipment.
H) Placement of fill.
I) Lighting of fires.
J) Soil level changes.
K) Any physical damage to the crown, trunk, or root system.
L) Parking of vehicles.

[10] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 17.

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11.8 **Demolition:** The demolition of all existing structures inside or directly adjacent to the TPZ of trees to be retained must be undertaken in consultation with the project Arborist. Any machinery is to work from inside the footprint of the existing structures or outside the TPZ, reaching in to minimise soil disturbance and compaction. If it is not feasible to locate demolition machinery outside the TPZ of trees to be retained, ground protection will be required. The demolition should be undertaken inwards into the footprint of the existing structures, sometimes referred to as the 'top down, pull back' method.

11.9 **Excavations:** The project Arborist must supervise and certify that all excavations and root pruning are in accordance with AS4373-2007 and AS4970-2009. For continuous strip footings, first manual excavation is required along the edge of the structures closest to the subject trees. Manual excavation should be a depth of 1 metre (or to unfavourable root growth conditions such as bed rock or heavy clay, if agreed by project Arborist). Next roots must be pruned back in accordance with AS4373-2007. After all root pruning is completed, machine excavation is permitted within the footprint of the structure. For tree sensitive footings, such as pier and beam, all excavations inside the TPZ must be manual. Manual excavation may include the use of pneumatic and hydraulic tools, high-pressure air or a combination of high-pressure water and a vacuum device. No pruning of roots greater 30mm in diameter is to be carried out without approval of the project arborist. All pruning of roots greater than 30mm in diameter must be carried out by a qualified Arborist/Horticulturalist with a minimum AQF level 3. Root pruning is to be a clean cut with a sharp tool in accordance with AS4373 Pruning of amenity trees (2007).[11] The tree root is to be pruned back to a branch root if possible. Make a clean cut and leave as small a wound as possible.

11.10 **Landscaping:** All landscaping works within the TPZ of trees to be retained are to be undertaken in consultation with a consulting Arborist to minimise the impact to trees. General guidance is provided below to minimise the impact of new landscaping to trees to be retained.

- All excavations for landscaping works should be manual and in accordance with section 11.9.
- Replacement planting for all trees recommended for removal should be incorporated into the landscape plan. It is recommended that at minimum one tree for each tree proposed to be removed are planted to maintain/increase overall canopy cover at the site when mature. Any replacement tree must be selected in accordance with AS2303-2015 Tree stock for landscape use.
- The location of new plantings inside the TPZ of trees to be retained should be flexible to avoid unnecessary damage to tree roots greater than 40mm in diameter.

[11] Council Of Standards Australia, *AS 4373 Pruning of amenity trees* (2007) page 18

- Level changes should be minimised. The existing ground levels within the landscape areas should not be lowered by more than 50mm or increased by more 100mm without assessment by a consulting Arborist.
- New retaining walls should be avoided. Where new retaining walls are proposed inside the TPZ of trees to be retained, they should be constructed from tree sensitive material, such as timber sleepers, that require minimal footings/excavations. If brick retaining walls are proposed inside the TPZ, considerer pier and beam type footings to bridge significant roots that are critical to the trees condition. Retaining walls must be located outside the SRZ and sleepers/beams located above existing soil grades.
- New footpaths and hard surfaces should be minimised, as they can limit the availability of water, nutrients and air to the trees root system. Where they are proposed, they should be constructed on or above existing soil grades to minimise root disturbance and consider using a permeable surface. Footpaths should be located outside the SRZ.
- Where fill/sub base is used inside the TPZ, fill material should be a coarse granular material that does not restrict the flow of water and air to the root system below. This type of material will also reduce the impact of soil compaction during construction.
- Any new fencing in the TPZ of trees should constructed carefully to avoid impacting significant roots. The location of fence posts should be flexible to allow for the retention of root greater than 40mm in diameter. The base of fence panels should be located above existing soil grades.

11.11 **Underground Services:** Where possible underground services should be located outside the TPZ of trees to be retained. All underground services located inside the TPZ of any tree to be retained must be installed via tree sensitive techniques. This should include either directional drilling methods or manual excavations to minimise the impact to trees identified for retention. No roots greater than 30mm in diameter should be severed during the installation of service pipes unless approved in writing by the project Arborist.

11.12 **Sediment and Contamination:** All contamination run off from the development such as but not limited to concrete, sediment and toxic wastes must be prevented from entering the TPZ at all times.

11.13 **Tree Wounding/Injury:** Any wounding or injury that occurs to a tree during the construction process will require the project Arborist to be contacted for an assessment of the injury and provide mitigation/remediation advice. It is generally accepted that trees may take many years to decline and eventually die from root damage. All repair work is to be carried out by the project Arborist, at the contractor's expense.

11.14 **Completion of Development Works:** After all construction works are complete the project Arborist should assess that the subject trees have been retained in the same condition and vigour. If changes to condition are identified the project Arborist should provide recommendations for remediation.

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12. CONSTRUCTION HOLD POINTS FOR TREE PROTECTION

12.1 **Hold Points:** Below is a sequence of hold points requiring project Arborist certification throughout the development process**.** It provides a list of hold points that must be checked and certified. All certification must be provided in written format upon completion of the development. The final certification must include details of any instructions for remediation undertaken during the development. The principal contractor should be responsible for implementing all tree protection requirements.

Hold Point	Stage	Date Completed and Signature of Project Arborist Responsible
Project Arborist to hold pre construction site meeting with principal contractor to discuss methods and importance of tree protection measures and resolve any issues in relation to feasibility of tree protection requirements that may arise. Project Arborist to mark all trees approved for removal under DA consent.	Prior to development work commencing	
Project Arborist to assess and certify that tree protection has been installed in accordance with AS4970-2009 prior to works commencing at site.	Prior to development work commencing.	
In accordance with AS4970-2009 the project arborist should carryout regular site inspections to ensure works are carried out in accordance with the recommendations. Site inspections are recommended on a monthly frequency.	On-going throughout the development	
The removal of existing structures inside the TPZ of any tree to be retained, such as the existing buildings and hard surfaces must be supervised by the project Arborist.	Demolition	
Project Arborist to supervise all manual excavations and root pruning inside the TPZ of any tree to be retained. Project Arborist to approve all pruning of roots greater than 30mm inside TPZ. All root pruning of roots greater than 30mm in diameter must be carried out by a qualified Arborist/Horticulturalist with a minimum AQF level 3.	Construction	
Project Arborist to certify that all underground services including storm water inside TPZ of any tree to be retained have been installed in accordance with AS4970-2009.	Construction	
All landscaping works within the TPZ of trees to be retained are to be undertaken in consultation with the project Arborist to minimise the impact to trees.	Construction/ Landscape	
After all demolition, construction and landscaping works are complete the project Arborist should assess that the subject trees have been retained in the same condition and vigour. If changes to condition are identified the project Arborist should provide recommendations for remediation.	Upon completion of development	

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13. BIBLIOGRAPHY/REFERENCES

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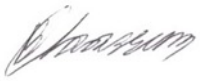
URBAN ARBOR
The Trusted Name in Tree Management

14. LIST OF APPENDICES

The following are included in the appendices:
Appendix 1 – General Fencing Arrangement Tree Overlay
Appendix 2 - Tree Inspection Schedule
Appendix 3 - Further information of methodology



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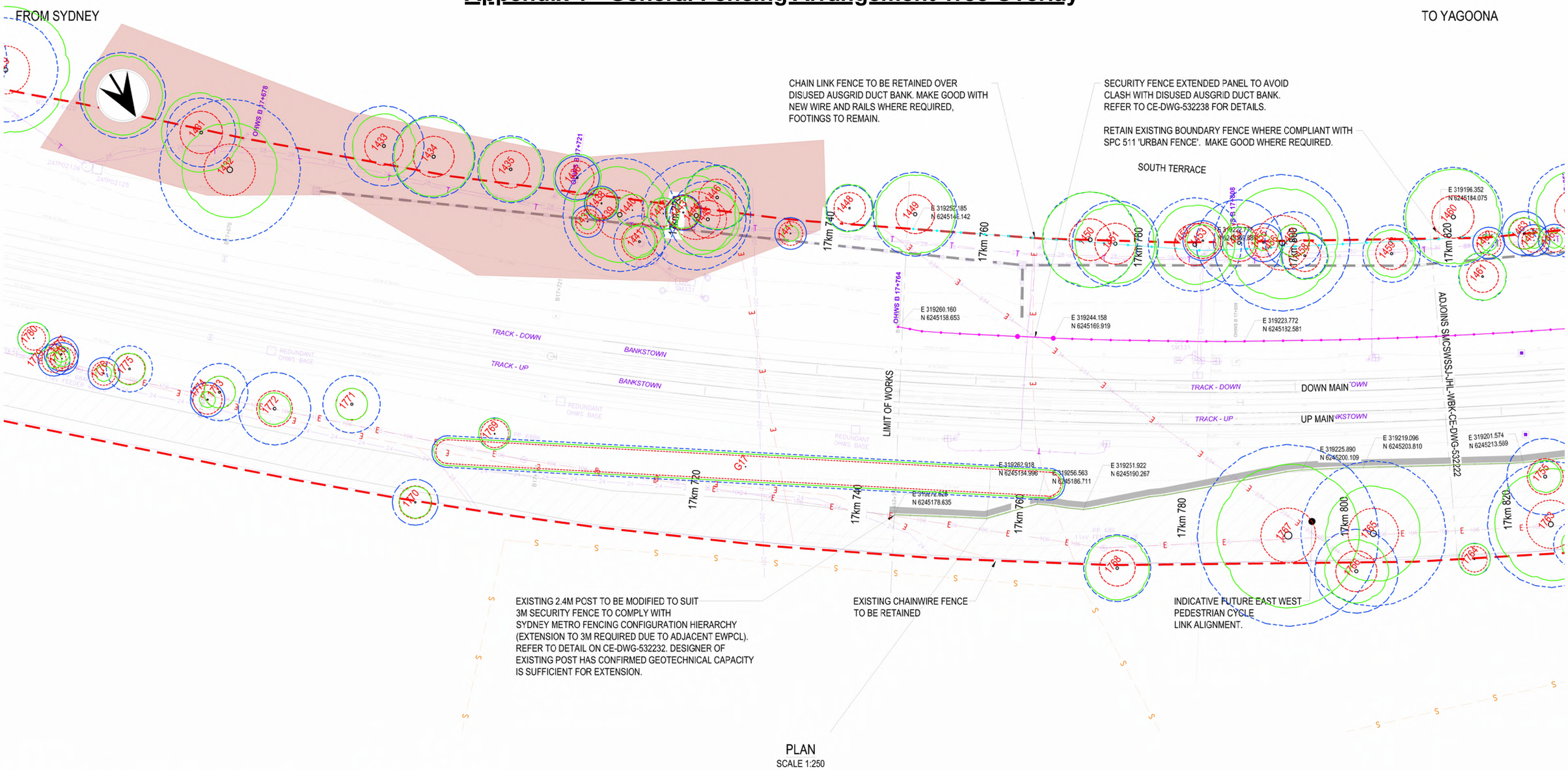
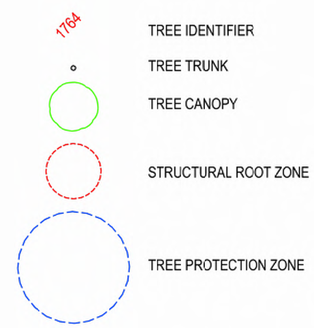
Appendix 1 - General Fencing Arrangement Tree Overlay



PLAN
SCALE 1:250

LEGEND

- THREATENED ECOLOGICAL COMMUNITY
- PROPERTY BOUNDARY
- EXISTING FENCE
- SECURITY FENCE 2.4m
- EXISTING 2.4m POST WITH GST TO BE EXTENDED TO 3.0m TO ACCOMMODATE 3.0m FENCE
- SECURITY FENCE 3m
- EXISTING FENCE TO BE RETAINED
- FUTURE EWPCL ALIGNMENT (INDICATIVE ONLY)



2.5 0 5 10m
SCALE 1:250

FROM SYDNEY

TO YAGOONA

RETAIN EXISTING BOUNDARY FENCE WHERE COMPLIANT WITH SPC 511 'URBAN FENCE'. MAKE GOOD WHERE REQUIRED.

AUSGRID ELECTRICAL SUPPLY BOX WILL REMAIN IN FINAL STATE.

PEDESTRIAN GATE

FENCE PANELS TO BE RETAINED AROUND EXISTING ELECTRICAL SUPPLY BOX

EXISTING FENCE TO BE RETAINED OVER EXISTING CULVERT

SYDNEY TRAINS CSR BEING REMOVED IN FINAL STATE.

MINOR VEGETATION TO BE REMOVED TO ALLOW ACCESS AS REQUIRED

NEW PEDESTRIAN ACCESS GATE FOR SYDNEY TRAINS ACCESS

SOUTH TERRACE

INTERFACE CONDUITS BEING INSTALLED BETWEEN ST AND SM PITS. LEAVE FENCE OPEN IN THE INTERIM.

UTO PEDESTRIAN GATE PROVIDE CHAIN AND PADLOCK FOR SYDNEY TRAINS ACCESS IN THE INTERIM

BRIDGING STRUCTURE. REFER TO CE-DWG-532241

ADJOINS SMCSWSSJ-JHL-WBK-CE-DWG-532221

ADJOINS SMCSWSSJ-JHL-WBK-CE-DWG-532223

DOWN MAIN

UP MAIN

BANKSTOWN

TRACK - DOWN

TRACK - UP

17km 800 17km 820 17km 840 17km 860 17km 880 17km 900 17km 920 17km 940 17km 960 17km 980 18km 000

FENCE TO BE MOUNTED ON EXISTING CSR BRIDGING STRUCTURE REFER TO CE-DWG-532242 FOR DETAILS

EXISTING CHAINWIRE FENCE TO BE RETAINED

INDICATIVE FUTURE EAST WEST PEDESTRIAN CYCLE LINK ALIGNMENT.

PLAN
SCALE 1:250

LEGEND

- THREATENED ECOLOGICAL COMMUNITY
- PROPERTY BOUNDARY
- EXISTING FENCE
- SECURITY FENCE 2.4m
- EXISTING 2.4m POST WITH GST TO BE EXTENDED TO 3.0m TO ACCOMMODATE 3.0m FENCE
- SECURITY FENCE 3m
- EXISTING FENCE TO BE RETAINED
- FUTURE EWPCL ALIGNMENT (INDICATIVE ONLY)

1764 TREE IDENTIFIER

TREE TRUNK

TREE CANOPY

STRUCTURAL ROOT ZONE

TREE PROTECTION ZONE

2.5 0 5 10m
SCALE 1:250

FROM SYDNEY

SYDNEY TRAINS CSR BEING REMOVED IN FINAL STATE.

TO YAGOONA

FENCE DESIGN ON HOLD PENDING OUTCOME OF ABORIST ASSESSMENT

RETAIN EXISTING BOUNDARY FENCE WHERE COMPLIANT WITH SPC 511 'URBAN FENCE'. MAKE GOOD WHERE REQUIRED.

FENCE DESIGN ON HOLD PENDING OUTCOME OF ABORIST ASSESSMENT

EXTEND 3m HIGH SECURITY FENCE A MINIMUM OF 3m PAST THE TURNING POINT OF THE FENCELINE TO AVOID THE CREATION OF A CLIMBLING AID AT INTERFACE OF 3m SECURITY FENCE AND 1.8m HIGH CHAIN LINK FENCE

CONNECTION BETWEEN 2.4M AND 3.0M SECURITY FENCES

SOUTH TERRACE

ADJOINS SMCSWSSJ-JHL-WBK-CE-DWG-532222

ADJOINS SMCSWSSJ-JHL-WBK-CE-DWG-532224

DOWN MAIN

UP MAIN

TRACK - DOWN

TRACK - UP

BANKSTOWN

INDICATIVE FUTURE EAST WEST PEDESTRIAN CYCLE LINK ALIGNMENT.

RETAIN EXISTING BOUNDARY FENCE.

FENCE DESIGN ON HOLD PENDING OUTCOME OF ABORIST ASSESSMENT

NORTH TERRACE

IF FULL LENGTH POSTS DO NOT FIT UNDER STACEY STREET BRIDGE, USE SPLICED POST DETAILS ON CE-DWG-532232.

STACEY STREET

PLAN
SCALE 1:250

LEGEND

- THREATENED ECOLOGICAL COMMUNITY
- PROPERTY BOUNDARY
- EXISTING FENCE
- SECURITY FENCE 2.4m
- EXISTING 2.4m POST WITH GST TO BE EXTENDED TO 3.0m TO ACCOMMODATE 3.0m FENCE
- SECURITY FENCE 3m
- EXISTING FENCE TO BE RETAINED
- FUTURE EWPCL ALIGNMENT (INDICATIVE ONLY)

1764 TREE IDENTIFIER

TREE TRUNK

TREE CANOPY

STRUCTURAL ROOT ZONE

TREE PROTECTION ZONE

2.5 0 5 10m
SCALE 1:250

FROM SYDNEY

TO YAGOONA

EAST TERRACE

GLT BEING REMOVED IN FINAL STATE

IF FULL LENGTH POSTS DO NOT FIT UNDER STACEY STREET BRIDGE, USE SPLICED POST DETAILS ON CE-DWG-532232.

FENCE DESIGN ON HOLD PENDING OUTCOME OF ABORIST ASSESSMENT

SECURITY FENCE EXTENDED PANEL TO AVOID CLASH WITH AUSGRID DUCTS. REFER TO DETAIL ON CE-DWG-532238.

NEW CHAIN LOCK PEDESTRIAN GATE IN SECURITY FENCE FOR SYDNEY TRAINS ACCESS

EXTEND 3m HIGH SECURITY FENCE A MINIMUM OF 3m PAST THE TURNING POINT OF THE FENCELINE TO AVOID THE CREATION OF A CLIMBLING AID AT INTERFACE OF 3m SECURITY FENCE AND 1.8m HIGH CHAIN LINK FENCE

EXISTING VEHICLE ACCESS GATE

6m WIDE UTO VEHICLE ACCESS GATE

EXISTING SYDNEY TRAINS PEDESTRIAN GATE M24 18.272 D TO BE MAINTAINED DURING INTERIM STATE. REFER TO DETAIL ON CE-DWG-532239

EXISTING PEDESTRIAN GATE FOR ACCESS TO POWER METER

ACCESS ROAD DESIGN ON HOLD

SECURITY FENCE EXTENDED PANEL TO AVOID CLASH WITH HIGH PRESSURE GAS MAIN. REFER TO DETAIL ON CE-DWG-532238.

NEW 3.0M COMBINED UTO AND BOUNDARY FENCE

RADIO MAST SET-DOWN AREA

M4

G3

G3

DOWN MAIN

UP MAIN

TRACK - DOWN

TRACK - UP

BANKSTOWN

ADJOINS SMCSWSSJ-JHL-WBK-CE-DWG-532223

ADJOINS SMCSWSSJ-JHL-WBK-CE-DWG-532225

SYDNEY TRAINS CSR BEING REMOVED IN FINAL STATE.

ADJUST CHAIN LINK FENCE LOCALLY IN THE INTERIM UNTIL EWPCL IS CONSTRUCTED TO PREVENT CLIMBING AID BETWEEN FENCES.

NORTH TERRACE

POLE 74AK NEW POLE

SECURITY FENCE EXTENDED PANEL TO AVOID CLASH WITH HIGH PRESSURE GAS MAIN. REFER TO DETAIL ON CE-DWG-532238.

NEW 3.0M UTO SECURITY FENCE

RETAIN EXISTING BOUNDARY FENCE WHERE COMPLIANT WITH SPC 511 "URBAN FENCE". MAKE GOOD WHERE REQUIRED.

4m WIDE BOUNDARY VEHICLE ACCESS GATE

EWPCL ALIGNMENT TO BE CONFIRMED. CHAIN LINK FENCE TO MOVE TO CORRIDOR BOUNDARY AS PART OF EWPCL WORKS IF REQUIRED.

LADY CUTLER AVENUE

BOUNDARY PEDESTRIAN ACCESS GATE

EXTEND 3m HIGH SECURITY FENCE A MINIMUM OF 3m PAST THE TURNING POINT OF THE FENCELINE TO AVOID THE CREATION OF A CLIMBLING AID AT INTERFACE OF 3m SECURITY FENCE AND 1.8m HIGH CHAIN LINK FENCE

PKG 547 HV

PLAN
SCALE 1:250

LEGEND

- THREATENED ECOLOGICAL COMMUNITY
- PROPERTY BOUNDARY
- EXISTING FENCE
- SECURITY FENCE 2.4m
- EXISTING 2.4m POST WITH GST TO BE EXTENDED TO 3.0m TO ACCOMMODATE 3.0m FENCE
- SECURITY FENCE 3m
- EXISTING FENCE TO BE RETAINED
- FUTURE EWPCL ALIGNMENT (INDICATIVE ONLY)

1764 TREE IDENTIFIER

TREE TRUNK

TREE CANOPY

STRUCTURAL ROOT ZONE

TREE PROTECTION ZONE

2.5 0 5 10m
SCALE 1:250

FROM SYDNEY

EAST TERRACE

TO YAGOONA

WEST

SECURITY FENCE EXTENDED PANEL TO AVOID CLASH WITH HIGH PRESSURE GAS MAIN. REFER TO DETAIL ON CE-DWG-532238.

NEW 3.0M COMBINED UTO AND BOUNDARY FENCE

EXISTING BILLBOARD TO BE REMOVED IN FINAL SHUTDOWN AFTER ST OPERATIONS FINISH

BRIDGING STRUCTURE OVER EXISTING COUNCIL CULVERT. REFER TO CE-DWG-532244

SOUTH TERRACE

EXISTING SYDNEY TRAINS VEHICLE GATE M24 18.428 D TO BE MAINTAINED DURING INTERIM STATE. REFER TO DETAIL ON CE-DWG-532239

FOR CONTINUATION OF FENCE DESIGN OVER WEST TERRACE BRIGE REFER TO CE-DWG-532247

B18+415

M4

DOWN MAIN

UP MAIN

ADJOINS SMCSWSSJ-JHL-WBK-CE-DWG-532224

TRACK - DOWN

TRACK - UP

BANKSTOWN

. REFER TO DETAIL ON CE-DWG-532232.

RETAIN EXISTING BOUNDARY FENCE WHERE COMPLIANT WITH SPC 511 'URBAN FENCE'. MAKE GOOD WHERE REQUIRED.

SECURITY FENCE EXTENDED PANEL TO AVOID CLASH WITH HIGH PRESSURE GAS MAIN. REFER TO DETAIL ON CE-DWG-532238.

BRIDGING STRUCTURE OVER EXISTING COUNCIL CULVERT. REFER TO CE-DWG-532243

CHAIN LINK FENCE EXTENDED PANEL TO AVOID CLASH WITH DRAINAGE CULVERT IF NEW URBAN FENCE REQUIRED

PKG 547 HV

NORTH TERRACE

EXISTING BILLBOARD TO BE REMOVED IN FINAL SHUTDOWN AFTER ST OPERATIONS FINISH

CONNECTION BETWEEN 2.4M AND 3.0M SECURITY FENCES REFER TO DETAIL ON CE-DWG-532240

UTO PEDESTRIAN ACCESS GATE PROVIDE CHAIN AND PADLOCK FOR SYDNEY TRAINS ACCESS IN THE INTERIM. REFER TO DETAIL ON CE-DWG-532232.

NEAREST ACCESS POINT TO WEST TERRACE BRIDGE IS FROM END OF SOUTH PLATFORM

PLAN

SCALE 1:250

LEGEND

- THREATENED ECOLOGICAL COMMUNITY
- PROPERTY BOUNDARY
- EXISTING FENCE
- SECURITY FENCE 2.4m
- EXISTING 2.4m POST WITH GST TO BE EXTENDED TO 3.0m TO ACCOMMODATE 3.0m FENCE
- SECURITY FENCE 3m
- EXISTING FENCE TO BE RETAINED
- FUTURE EWPCL ALIGNMENT (INDICATIVE ONLY)

- 1764 TREE IDENTIFIER
- TREE TRUNK
- TREE CANOPY
- STRUCTURAL ROOT ZONE
- TREE PROTECTION ZONE

2.5 0 5 10m

SCALE 1:250

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1433	Tallowood	*Eucalyptus microcorys*	Mature	18	4	420					420	480	Good	Good	High	1. Long	A1	5.0	2.4	Canopy extends into corridor.
1434	Tallowood	*Eucalyptus microcorys*	Mature	20	5	430					430	550	Good	Good	High	1. Long	A1	5.2	2.6	Canopy extends into corridor.
1435	Tallowood	*Eucalyptus microcorys*	Mature	16	4	350					350	440	Good	Good	High	1. Long	A1	4.2	2.3	Canopy extends into corridor.
1436	Tallowood	*Eucalyptus microcorys*	Semi-mature	11	3	230					230	350	Good	Good	Medium	1. Long	A1	2.8	2.1	Canopy extends into corridor.
1437	Grey Ironbark	*Eucalyptus paniculata*	Young	8	1	120					120	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1438	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	4	2	150	100				180	250	Good	Fair	Low	5. Small/Young	Z1	2.2	1.8	Located directly adjacent to fence.
1439	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	19	6	350	480				594	850	Good	Good	Very High	1. Long	A1	7.1	3.1	Located adjacent to fence.
1440	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	5	2	120	50	50			139	300	Fair	Fair	Low	5. Small/Young	Z1	2.0	2.0	Growing through fence.
1441	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Semi-mature	9	2	180	200				269	400	Good	Good	Medium	1. Long	A1	3.2	2.3	None.
1442	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	6	2	120					120	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1443	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	7	2	110	150				186	350	Good	Fair	Low	5. Small/Young	Z1	2.2	2.1	Located adjacent to fence.
1444	Grey Ironbark	*Eucalyptus paniculata*	Mature	16	5	350	450				570	800	Good	Fair	High	2. Medium	A1	6.8	3.0	Located adjacent to fence. Co-dominant stems.
1445	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	18	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	Located adjacent to fence.
1446	Tallowood	*Eucalyptus microcorys*	Mature	11	4	340					340	420	Good	Fair	Medium	2. Medium	A1	4.1	2.3	Co-dominant stems with tight union.
1447	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Young	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Co-dominant stems with tight union.
1448	Tallowood	*Eucalyptus microcorys*	Semi-mature	7	3	240					240	290	Fair	Poor	Medium	4. Remove	Z5	2.9	2.0	Root girdling and partial failure at base. Tree is potentially unstable.
1449	Tallowood	*Eucalyptus microcorys*	Mature	12	5	440					440	490	Good	Good	High	1. Long	A1	5.3	2.5	Canopy extends into corridor.
1450	Grey Ironbark	*Eucalyptus paniculata*	Mature	16	6	500					500	580	Good	Good	High	1. Long	A1	6.0	2.6	Located adjacent to fence.
1451	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	15	5	450					450	550	Good	Good	High	1. Long	A1	5.4	2.6	Located adjacent to fence.
1452	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	15	5	490					490	580	Good	Good	High	1. Long	A1	5.9	2.6	Located adjacent to fence.
1453	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	4	2	110	120	110	50	50	209	400	Good	Fair	Low	5. Small/Young	Z1	2.5	2.3	Located adjacent to fence.
1454	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	3	2	450					450	450	Good	Fair	Low	5. Small/Young	Z1	5.4	2.4	Multi stem tree. Located adjacent to fence.
1455	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	2	1	200					200	250	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	Located adjacent to fence.
1456	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	16	7	520	490				714	1100	Good	Good	High	1. Long	A1	8.6	3.4	Located adjacent to fence.
1457	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	3	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Located adjacent to fence.
1458	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	240					240	300	Fair	Fair	Low	5. Small/Young	Z1	2.9	2.0	Located adjacent to fence. Low foliage density for species.
1459	Sydney Golden Wattle	*Acacia longifolia*	Dead	5	3	300					300	300	Dead	Poor	Low	4. Remove	Z4	3.6	2.0	Dead tree.
1460	Tallowood	*Eucalyptus microcorys*	Mature	17	6	520					520	600	Good	Good	High	1. Long	A1	6.2	2.7	Canopy extends into corridor.
1461	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	250					250	300	Poor	Fair	Low	4. Remove	Z4	3.0	2.0	In advanced stages of decline.
1462	Tallowood	*Eucalyptus microcorys*	Young	7	1	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
1463	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	230					230	280	Good	Good	Medium	1. Long	A1	2.8	1.9	Located adjacent to fence.
1464	Tallowood	*Eucalyptus microcorys*	Young	6	1	90					90	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1465	Tallowood	*Eucalyptus microcorys*	Young	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
1466	Tallowood	*Eucalyptus microcorys*	Mature	16	5	500					500	600	Good	Good	High	1. Long	A1	6.0	2.7	Canopy extends into corridor.
1467	Tallowood	*Eucalyptus microcorys*	Young	5	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1468	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located adjacent to fence.
1469	Tallowood	*Eucalyptus microcorys*	Mature	17	6	560					560	650	Good	Good	High	1. Long	A1	6.7	2.8	Canopy extends into corridor.
1470	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	3	240					240	300	Fair	Fair	Low	3. Short	Z4	2.9	2.0	Low foliage density for species. Suppressed. Low potential for recovery.
1471	Tallowood	*Eucalyptus microcorys*	Mature	21	7	700					700	850	Good	Good	High	1. Long	A1	8.4	3.1	Canopy extends into corridor.
1472	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	160					160	240	Good	Good	Low	5. Small/Young	Z1	2.0	1.8	Located adjacent to fence.
1473	Tallowood	*Eucalyptus microcorys*	Mature	19	7	690					690	770	Good	Good	High	1. Long	A1	8.3	3.0	Canopy extends into corridor.
1474	Sweet Pittosporum	*Pittosporum undulatum*	Mature	6	2	250					250	250	Good	Good	Medium	2. Medium	A1	3.0	1.8	DBH estimated.
1475	Tallowood	*Eucalyptus microcorys*	Mature	21	8	800					800	950	Good	Good	Very High	1. Long	A1	9.6	3.2	Canopy extends into corridor.
1476	Tallowood	*Eucalyptus microcorys*	Mature	22	8	750					750	850	Good	Good	High	1. Long	A1	9.0	3.1	Canopy extends into corridor.
1477	Tallowood	*Eucalyptus microcorys*	Mature	19	5	440					440	500	Good	Good	High	1. Long	A1	5.3	2.5	Existing drain restricting root growth patterns.
1478	Tallowood	*Eucalyptus microcorys*	Mature	24	9	900					900	1100	Good	Good	Very High	1. Long	A1	10.8	3.4	Canopy extends into corridor. Large diameter deadwood.
1479	Tallowood	*Eucalyptus microcorys*	Mature	18	4	350					350	450	Good	Good	High	1. Long	A1	4.2	2.4	None.
1480	Tallowood	*Eucalyptus microcorys*	Mature	20	4	400					400	490	Good	Good	High	1. Long	A1	4.8	2.5	None.
1481	Tallowood	*Eucalyptus microcorys*	Mature	21	8	780					780	900	Good	Good	High	1. Long	A1	9.4	3.2	Canopy extends into corridor.
1482	Tallowood	*Eucalyptus microcorys*	Mature	18	5	450					450	550	Good	Good	High	1. Long	A1	5.4	2.6	None.
1483	Tallowood	*Eucalyptus microcorys*	Mature	21	7	670					670	750	Good	Good	High	1. Long	A1	8.0	2.9	Canopy extends into corridor.
1484	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
1485	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	180					180	200	Good	Good	Medium	1. Long	A1	2.2	1.7	Located adjacent to fence.
1486	Tallowood	*Eucalyptus microcorys*	Young	6	1	100					100	140	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
1487	Tallowood	*Eucalyptus microcorys*	Mature	20	7	680					680	750	Good	Good	High	1. Long	A1	8.2	2.9	Canopy extends into corridor.
1488	Tallowood	*Eucalyptus microcorys*	Young	5	1	100	100				141	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.
1489	Tallowood	*Eucalyptus microcorys*	Mature	17	4	420					420	460	Good	Good	High	1. Long	A1	5.0	2.4	Canopy extends into corridor.
1490	Tallowood	*Eucalyptus microcorys*	Mature	18	7	660					660	900	Good	Good	High	1. Long	A1	7.9	3.2	Canopy extends into corridor.
1491	Sydney Blue Gum	*Eucalyptus saligna*	Mature	16	7	220	200	250	220		446	1100	Good	Fair	High	3. Short	Z9	5.4	3.4	Regrowth from stump.
1492	Tallowood	*Eucalyptus microcorys*	Mature	19	7	670					670	850	Good	Good	High	1. Long	A1	8.0	3.1	Canopy extends into corridor.
1493	Tallowood	*Eucalyptus microcorys*	Semi-mature	5	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located adjacent to fence.
1494	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	320					320	400	Good	Fair	Medium	1. Long	A1	3.8	2.3	Located directly adjacent to fence.
1495	Sydney Blue Gum	*Eucalyptus saligna*	Mature	10	4	230	330				402	650	Good	Good	High	1. Long	A1	4.8	2.8	Canopy extends into corridor.
1496	Tallowood	*Eucalyptus microcorys*	Young	6	2	110					110	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1497	Tallowood	*Eucalyptus microcorys*	Mature	11	3	200	220				297	500	Good	Fair	Medium	1. Long	A1	3.6	2.5	Located adjacent to fence.
1498	Grey Box	*Eucalyptus moluccana*	Young	6	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None
1499	Grey Box	*Eucalyptus moluccana*	Semi-mature	12	2	210					210	260	Good	Good	Medium	1. Long	A1	2.5	1.9	None.
1500	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.
1501	Tallowood	*Eucalyptus microcorys*	Mature	16	6	650					650	650	Good	Good	High	1. Long	A1	7.8	2.8	Canopy extends into corridor.
1502	Grey Gum	*Eucalyptus punctata*	Mature	21	6	580					580	650	Good	Good	High	1. Long	A1	7.0	2.8	Canopy extends into corridor.
1503	Tallowood	*Eucalyptus microcorys*	Mature	10	3	260					260	300	Good	Good	Medium	1. Long	A1	3.1	2.0	None.
1504	Grey Gum	*Eucalyptus punctata*	Mature	8	3	190	230				298	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Located directly adjacent to fence.
1505	Grey Gum	*Eucalyptus punctata*	Mature	12	4	330					330	490	Good	Good	High	1. Long	A1	4.0	2.5	Canopy extends into corridor.
1506	Grey Gum	*Eucalyptus punctata*	Young	4	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Asymmetric crown shape.
1507	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	2	130	110				170	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Co-dominant stems at ground.
1508	Sydney Green Wattle	*Acacia decurrens*	Semi-mature	4	1	80					80	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located directly adjacent to fence.
1509	Tallowood	*Eucalyptus microcorys*	Mature	10	3	180	200				269	290	Good	Good	Medium	1. Long	A1	3.2	2.0	None.

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1510	Tallowood	*Eucalyptus microcorys*	Mature	15	4	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	Canopy extends into corridor.
1511	Tallowood	*Eucalyptus microcorys*	Semi-mature	14	3	240					240	290	Good	Fair	Medium	2. Medium	A1	2.9	2.0	Located adjacent to bridge.
1512	Tallowood	*Eucalyptus microcorys*	Mature	22	6	550					550	600	Good	Good	High	1. Long	A1	6.6	2.7	Canopy extends into corridor.
1513	Camphor Laurel	*Cinnamomum camphora*	Mature	9	5	600					600	680	Poor	Poor	Low	4. Remove	Z4	7.2	2.8	In advanced stages of decline. Exempt species.
1514	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	550					550	550	Poor	Poor	Low	5. Small/Young	Z4	6.6	2.6	In advanced stages of decline. Exempt species.
1515	Tallowood	*Eucalyptus microcorys*	Mature	18	6	550					550	650	Good	Good	High	1. Long	A1	6.6	2.8	Canopy extends into corridor.
1516	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	500					500	550	Poor	Poor	Low	4. Remove	Z4	6.0	2.6	In advanced stages of decline. Exempt species.
1517	Tallowood	*Eucalyptus microcorys*	Mature	19	5	480					480	550	Good	Good	High	1. Long	A1	5.8	2.6	Canopy extends into corridor.
1518	Swamp Oak	*Casuarina glauca*	Mature	15	3	320					320	440	Good	Good	Medium	1. Long	A1	3.8	2.3	None.
1519	Swamp Oak	*Casuarina glauca*	Semi-mature	6	1	110					110	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1520	Swamp Oak	*Casuarina glauca*	Semi-mature	7	1	110					110	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1521	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	10	3	300					300	400	Good	Good	Medium	1. Long	A1	3.6	2.3	Located directly adjacent to fence.
1522	Tallowood	*Eucalyptus microcorys*	Mature	17	5	440					440	520	Good	Good	High	1. Long	A1	5.3	2.5	None.
1523	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	550	Fair	Fair	Low	3. Short	Z3	6.0	2.6	Located directly adjacent to fence. Exempt species.
1524	Camphor Laurel	*Cinnamomum camphora*	Mature	8	4	650					650	800	Fair	Fair	Low	3. Short	Z3	7.8	3.0	Located adjacent to fence. Exempt species.
1525	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Good	Fair	Low	3. Short	Z3	3.6	2.0	Located adjacent to fence. Exempt species.
1526	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	200	250				320	400	Good	Fair	Low	2. Medium	Z3	3.8	2.3	Located adjacent to fence. Exempt species.
1527	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	500	Good	Fair	Low	2. Medium	Z3	6.0	2.5	Located adjacent to fence. Exempt species.
1528	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	400	250				472	580	Good	Fair	Low	5. Small/Young	Z3	5.7	2.6	Located adjacent to fence. Exempt species.
1529	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	110	110	110	110		220	350	Good	Fair	Low	5. Small/Young	Z3	2.6	2.1	Located adjacent to fence. Exempt species.
1530	Forest Red Gum	*Eucalyptus tereticornis*	Mature	25	7	650					650	890	Good	Fair	Very High	2. Medium	A2	7.8	3.2	Wound on trunk at 3m with fungal bracket (Phellinus spp). Extent of decay is unknown.
1531	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	15	6	1000					1000	1000	Good	Good	High	1. Long	A1	12.0	3.3	Canopy extends into corridor.
1707	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	9	2	270					270	330	Good	Good	Medium	1. Long	A1	3.2	2.1	None.
1708	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	9	2	260					260	280	Good	Good	Medium	1. Long	A1	3.1	1.9	None.
1709	Rough Barked Apple	*Angophora floribunda*	Mature	10	3	330					330	450	Good	Good	High	1. Long	A1	4.0	2.4	None.
1710	Rough Barked Apple	*Angophora floribunda*	Semi-mature	9	3	280					280	330	Good	Good	Medium	1. Long	A1	3.4	2.1	None.
1711	Smooth Barked Apple	*Angophora costata*	Mature	12	8	750					750	880	Good	Good	Very High	1. Long	A1	9.0	3.1	Pruned for power line clearance.
1712	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	320					320	400	Good	Good	High	1. Long	A1	3.8	2.3	None.
1713	Smooth Barked Apple	*Angophora costata*	Semi-mature	5	2	100	100	100			173	350	Good	Fair	Low	5. Small/Young	Z1	2.1	2.1	Multi stem, growing through fence.
1714	Snow In Summer	*Melaleuca linarifolia*	Mature	10	5	600					600	700	Good	Good	High	1. Long	A1	7.2	2.8	DBH estimated.
1715	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	370					370	460	Good	Good	High	1. Long	A1	4.4	2.4	None.
1716	Queensland Brushbox	*Lophostemon confertus*	Mature	9	5	440					440	500	Good	Good	High	1. Long	A1	5.3	2.5	None.
1717	Smooth Barked Apple	*Angophora costata*	Mature	9	4	360					360	440	Good	Good	High	1. Long	A1	4.3	2.3	Located directly adjacent to fence, growing through fence.
1718	Grey Gum	*Eucalyptus punctata*	Mature	20	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Crown raised.
1719	Grey Gum	*Eucalyptus punctata*	Mature	5	2	300	1000				1044	1250	Fair	Poor	High	4. Remove	Z5	12.5	3.6	Topped.
1720	Grey Gum	*Eucalyptus punctata*	Mature	8	3	250	340				422	550	Good	Good	High	1. Long	A1	5.1	2.6	None.
1721	Tallowood	*Eucalyptus microcorys*	Mature	15	5	440					440	490	Good	Good	High	1. Long	A1	5.3	2.5	None.
1722	Tallowood	*Eucalyptus microcorys*	Mature	15	4	350					350	440	Good	Good	High	1. Long	A1	4.2	2.3	None.
1723	Tallowood	*Eucalyptus microcorys*	Mature	16	5	290	290	280			497	750	Good	Good	High	1. Long	A1	6.0	2.9	Co-dominant stems.
1724	Tallowood	*Eucalyptus microcorys*	Mature	15	4	400					400	480	Good	Good	High	1. Long	A1	4.8	2.4	None.
1725	Tallowood	*Eucalyptus microcorys*	Mature	17	5	460					460	550	Good	Fair	High	2. Medium	A1	5.5	2.6	Co-dominant stems with bark inclusion.
1726	Tallowood	*Eucalyptus microcorys*	Mature	15	5	250	350				430	700	Good	Fair	High	2. Medium	A1	5.2	2.8	Co-dominant stems with tight union.

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1727	Tallowood	*Eucalyptus microcorys*	Mature	15	4	350					350	440	Good	Good	High	1. Long	A1	4.2	2.3	None.
1728	Tallowood	*Eucalyptus microcorys*	Mature	16	6	550					550	630	Good	Good	High	1. Long	A1	6.6	2.7	None.
1729	Tallowood	*Eucalyptus microcorys*	Mature	16	4	400					400	500	Good	Good	High	1. Long	A1	4.8	2.5	None.
1730	Tallowood	*Eucalyptus microcorys*	Mature	18	7	500	280				573	860	Good	Good	High	1. Long	A1	6.9	3.1	None.
1731	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	1	170					170	220	Good	Good	Low	5. Small/Young	Z1	2.0	1.8	None.
1732	Eucalypt	*Eucalyptus spp*	Semi-mature	6	2	260					260	300	Good	Fair	Medium	3. Short	Z10	3.1	2.0	Topped for power line clearance.
1733	Eucalypt	*Eucalyptus spp*	Semi-mature	9	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
1734	Eucalypt	*Eucalyptus spp*	Semi-mature	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1735	Eucalypt	*Eucalyptus spp*	Semi-mature	12	2	190					190	200	Good	Fair	Medium	1. Long	A1	2.3	1.7	None.
1736	Eucalypt	*Eucalyptus spp*	Mature	5	2	240					240	290	Good	Fair	Medium	3. Short	Z10	2.9	2.0	None.
1737	Eucalypt	*Eucalyptus spp*	Mature	5	2	350	180				394	500	Fair	Poor	Medium	4. Remove	Z5	4.7	2.5	Topped.
1738	Eucalypt	*Eucalyptus spp*	Semi-mature	6	2	150	150				212	300	Fair	Poor	Medium	4. Remove	Z5	2.5	2.0	Topped.
1739	Eucalypt	*Eucalyptus spp*	Mature	8	2	270					270	300	Good	Fair	Medium	3. Short	Z10	3.2	2.0	Pruned for power line clearance.
1740	Eucalypt	*Eucalyptus spp*	Semi-mature	4	1	170					170	200	Fair	Poor	Low	4. Remove	Z5	2.0	1.7	Topped.
1741	Eucalypt	*Eucalyptus spp*	Mature	10	5	480					480	560	Good	Fair	Medium	3. Short	Z10	5.8	2.6	Significantly pruned for power line clearance.
1742	Eucalypt	*Eucalyptus spp*	Semi-mature	5	1	210					210	250	Fair	Poor	Low	4. Remove	Z5	2.5	1.8	Topped.
1743	Eucalypt	*Eucalyptus spp*	Dead	10	5	440					440	530	Dead	Poor	Medium	4. Remove	Z4	5.3	2.5	Dead tree.
1744	Unknown	*Unknown spp*	Dead	11	3	350					350	350	Dead	Poor	Medium	4. Remove	Z4	4.2	2.1	Dead tree. Canopy extends into corridor.
G16	Mixed species	*Mixed spp*	Semi-mature	4	2	180					180	200	Good	Fair	Low	5. Small/Young	Z1	2.2	1.7	Group of mixed species trees, metrosideros, schefflera, cestrum. Canopy extends into corridor.
1745	Italian Cypress	*Cupressus sempervirens*	Mature	16	3	500					500	550	Good	Good	Medium	1. Long	A1	6.0	2.6	Located in adjoining property. DBH estimated.
1746	Unknown	*Unknown spp*	Semi-mature	8	1	120					120	150	Fair	Fair	Low	3. Short	Z10	2.0	1.5	Poor form.
1747	Bangalow Palm	*Archontophoenix cunninghamiana*	Semi-mature	6	1	200					200	NA	Good	Good	Low	5. Small/Young	Z1	2.0	NA	Located in adjoining property. DBH estimated.
1748	Bangalow Palm	*Archontophoenix cunninghamiana*	Semi-mature	6	1	200					200	NA	Good	Good	Low	5. Small/Young	Z1	2.0	NA	Located in adjoining property. DBH estimated.
1749	Bangalow Palm	*Archontophoenix cunninghamiana*	Semi-mature	6	1	200					200	NA	Good	Good	Low	5. Small/Young	Z1	2.0	NA	Located in adjoining property. DBH estimated.
1750	Olive	*Olea europaea*	Semi-mature	5	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located in adjoining property. DBH estimated.
1751	Coastal Banksia	*Banksia integrefolia*	Mature	10	4	400	350				532	700	Good	Good	High	1. Long	A1	6.4	2.8	Located in adjoining property. DBH estimated.
1752	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located in adjoining property. DBH estimated.
1753	Swamp Mahogany	*Eucalyptus robusta*	Mature	10	9	1400					1400	1400	Good	Fair	Very High	2. Medium	A2	15.0	3.8	Pruned for power line clearance.
1754	Swamp Mahogany	*Eucalyptus robusta*	Mature	10	7	830					830	880	Good	Fair	Very High	2. Medium	A2	10.0	3.1	Pruned for power line clearance.
1755	Common or Black Mulberry	*Morus nigra*	Semi-mature	7	2	400					400	400	Good	Fair	Low	5. Small/Young	Z3	4.8	2.3	Exempt species.
1756	Swamp Mahogany	*Eucalyptus robusta*	Mature	10	9	860					860	950	Good	Fair	Very High	2. Medium	A2	10.3	3.2	Pruned for power line clearance.
1757	Common or Black Mulberry	*Morus nigra*	Mature	6	3	300					300	350	Good	Fair	Low	2. Medium	Z3	3.6	2.1	Located directly adjacent to fence. Exempt species.
1758	Cypress	*Cupressus spp*	Mature	12	2	300					300	350	Good	Good	Medium	2. Medium	A1	3.6	2.1	Located in adjoining property. DBH estimated.
1759	Wattle	*Acacia spp*	Semi-mature	4	2	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Suppressed.
1760	Monterey Pine	*Pinus radiata*	Mature	17	5	600					600	650	Good	Good	Medium	2. Medium	Z3	7.2	2.8	Located in adjoining property. DBH estimated. Exempt species.
1761	Swamp Mahogany	*Eucalyptus robusta*	Mature	11	6	640					640	800	Good	Fair	High	2. Medium	A2	7.7	3.0	Pruned for power line clearance.

Appendix 2 - Tree Inspection Schedule

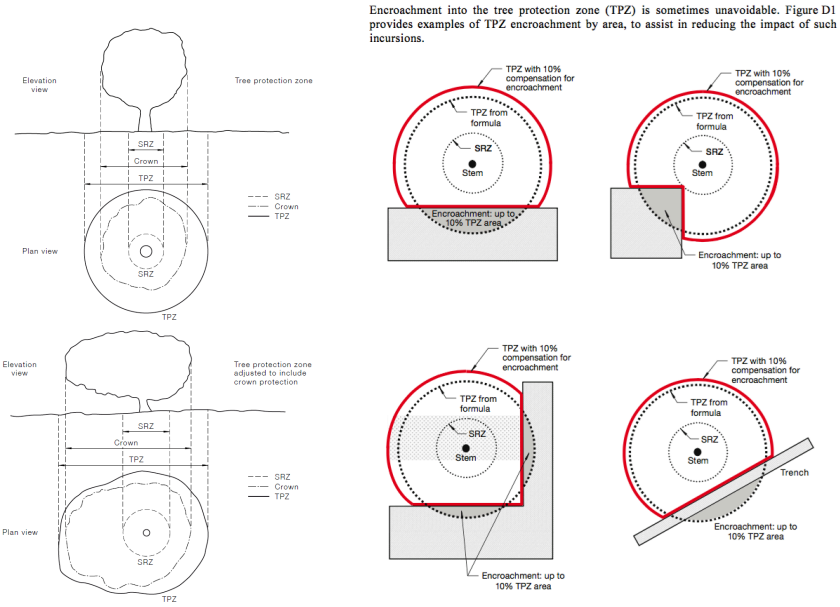
Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1762	Canary Palm	*Phoenix canariensis*	Mature	8	2	450					450	NA	Good	Good	Medium	1. Long	A1	3.0	NA	Located directly adjacent to fence.
1763	Swamp Mahogany	*Eucalyptus robusta*	Mature	12	7	660					660	820	Good	Fair	High	2. Medium	A2	7.9	3.0	Pruned for power line clearance.
1764	Wattle	*Acacia spp*	Mature	8	2	150					150	180	Good	Good	Medium	2. Medium	A1	2.0	1.6	Located in adjoining property. DBH estimated.
1765	Swamp Mahogany	*Eucalyptus robusta*	Mature	11	6	760					760	910	Good	Fair	Very High	2. Medium	A2	9.1	3.2	Pruned for power line clearance.
1766	Indian Coral	*Erythrina x sykesii*	Mature	9	4	330	290				439	550	Good	Fair	Low	2. Medium	Z3	5.3	2.6	Located in adjoining property. DBH estimated. Exempt species.
1767	Swamp Mahogany	*Eucalyptus robusta*	Mature	12	9	950					950	1100	Good	Fair	Very High	2. Medium	A1	11.4	3.4	Pruned for power line clearance.
1768	Swamp Mahogany	*Eucalyptus robusta*	Mature	9	4	350					350	400	Good	Fair	High	2. Medium	A2	4.2	2.3	Pruned for power line clearance.
G17	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Group of approximately 150 small trees.
1769	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	110	100				149	220	Good	Fair	Low	5. Small/Young	Z3	2.0	1.8	Exempt species.
1770	Chinese Tallo	*Triadica sebifera*	Mature	9	2	240					240	320	Good	Fair	Medium	2. Medium	A1	2.9	2.1	Growing directly adjacent and through fence.
1771	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Exempt species. DBH estimated at base.
1772	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	380					380	400	Poor	Fair	Low	4. Remove	Z4	4.6	2.3	Advanced stages of decline.

Explanatory Notes

Tree Species - Common name followed by botanical name. Where species is unknown it is indicated with an *'spp'.*
Age Class - Over mature (OM), Mature (M), Early mature (EM), Semi mature (SM), Young (Y).
Diameter at Breast Height (DBH) - Measured with a DBH tape or estimated at approximately 1.4m above ground level.
Diameter Above root Buttresses (DAB): Measured with a DBH tape or estimated above root buttresses (DAB) for calculating the SRZ.
Height - Height from ground level to top of crown. All heights are estimated unless otherwise indicated.
Spread - Radius of crown at widest section. All tree spreads are estimated unless otherwise indicated.
Tree Protection Zone (TPZ) - DBH x 12. Measured in radius from the centre of the trunk. Rounded to nearest 0.1m. For monocots, the TPZ is set at 1 metre outside the crown projection.
Structural Root Zone (SRZ) - $(DAB \times 50)^{0.42} \times 0.64$. Measured in radius from the centre of the trunk. Rounded up to nearest 0.1m.
Health - Good/Fair/Poor/Dead
Structure - Good/Fair/Poor
Safe Useful Life Expectancy (SULE) - 1. Long (40+years), 2. Medium (15 - 40 years), 3. Short (5 - 15 years), 4. Remove (under 5 years), 5. Small/young.
Amenity Value - Very High/High/Medium/Low/Very Low.
Retention Value: Tree AZ, see appendix 3 for categories.

Appendix 3 - Further Information of Methodology

1. **Tree Protection Zone:** The tree protection zone (TPZ) is the principle means of protecting trees on development sites. The TPZ is a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance, so that the tree remains viable. The radius of the TPZ is calculated for each tree by multiplying its DBH x 12. The derived value is measured in radius from the centre of the stem/trunk at ground level. A TPZ should not be less than 2.0 metres nor greater than 15 metres (except where crown protection is required).
It is commonly observed that tree roots will extend significant further than the indicative TPZ, however the TPZ is an area identified AS4970-2009 to be extent where root loss or disturbance will generally not impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The tree protection also incorporates the SRZ (see below for more information about the SRZ). I have calculated the TPZ of palms, other monocots, cycads and tree ferns at one metre outside the crown projection. See appendices for additional information about the TPZ including information about calculating the TPZ and examples of TPZ encroachment.
Minor encroachment into TPZ: Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.
Major encroachment into TPZ: Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted.



2. **Structural Root Zone:** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always need to be maintained to preserve a viable tree as it will only have a minor effect on the trees vigour and health. There are several factors that determine the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally work within the SRZ should be avoided.
An indicative SRZ radius can be determined from the diameter of the trunk measured immediately above the root buttresses. Root investigation could provide more information about the extent of the SRZ. The following formula should be used to calculate the SRZ.
SRZ radius = $(D \times 50)^{0.42} \times 0.64$ (D = Diameter above root buttress).

3. **Tree Age Class:** If can be difficult to determine the age of a tree without carrying out invasive tests that may damage the tree, so we have categorised there likely age class which is defined below;
    - Young/Newly planted: Young or recently planted tree.
    - Semi Mature: Up to 20% of the usual life expectancy for the species.
    - Early mature/Mature: Between 20%-80% of the usual life expectancy for the species.
    - Over mature: Over 80% of the usual life expectancy for the species.
    - Dead: Tree is dead or almost dead.

4. **Health/Physiological Condition:** Below are examples conditions used when assigning a category for tree health.

Category	Example condition	Summary
Good	• Crown has good foliage density for species. • Tree shows no or minimal signs of pathogens that are unlikely to have an effect on the health of the tree. • Tree is displaying good vigour and reactive growth development.	• The tree is in above average health and condition and no remedial works are required.
Fair	• The tree may be starting to dieback or have over 25% deadwood. • Tree may have slightly reduced crown density or thinning. • There may be some discolouration of foliage. • Average reactive growth development. • There may be early signs of pathogens which may further deteriorate the health of the tree. • There may be epicormic growth indicating increased levels of stress within the tree.	• The tree is in below average health and condition and may require remedial works to improve the trees health.
Poor	• The may be in decline, have extensive dieback or have over 30% deadwood. • The canopy may be sparse or the leaves may be unusually small for species. • Pathogens or pests are having a significant detrimental effect on the tree health.	• The tree is displaying low levels of health and removal or remedial works may be required.
Dead	• The tree is dead or almost dead.	• The tree should generally be removed.

5. **Structural Condition:** Below are examples conditions used when assigning a category for structural condition.

Category	Example condition	Summary
Good	• Branch unions appear to be strong with no sign of defects. • There are no significant cavities. • The tree is unlikely to fail in usual conditions. • The tree has a balanced crown shape and form.	• The tree is considered structurally good with well developed form.
Fair	• The tree may have minor structural defects within the structure of the crown that could potentially develop into more significant defects. • The tree may a cavity that is currently unlikely to fail but may deteriorate in the future. • The tree is an unbalanced shape or leans significantly. • The tree may have minor damage to its roots. • The root plate may have moved in the past but the tree has now compensated for this. • Branches may be rubbing or crossing.	• The identified defects are unlikely cause major failure. • Some branch failure may occur in usual conditions. • Remedial works can be undertaken to alleviate potential defects.
Poor	• The tree has significant structural defects. • Branch unions may be poor or weak. • The tree may have a cavity or cavities with excessive levels of decay that could cause catastrophic failure. • The tree may have root damage or is displaying signs of recent movement. • The tree crown may have poor weight distribution which could cause failure.	• The identified defects are likely to cause either partial or whole failure of the tree.

6. **Amenity Value:** To determine the amenity value of a tree we assess a number of different factors, which include but are not limited to the information below.
   - The visibility of the tree to adjacent sites.
   - The relationship between the tree and the site.
   - Whether the tree is protected by any statuary conditions.
   - The habitat value of the tree.
   - Whether the tree is considered a noxious weed species.

   The amenity value is rated using one of the following values.
   - Very High
   - High
   - Moderate
   - Low
   - Very Low

7. **Safe Useful Life Expectancy (SULE), (Barrel, 2001):** A trees safe useful life expectancy is determined by assessing a number of different factors including the health and vitality, estimated age in relation to expected life expectancy for the species, structural defects, and remedial works that could allow retention in the existing situation.

Category	Description
1. Long - Over 40 years	(a) Structurally sound trees located in positions that can accommodate future growth. (b) Trees that could be made suitable for retention in the long term by remedial tree care. (c) Trees of special significance for historical, commemorative or rarity reasons that would warrant extraordinary efforts to secure their long term retention.
2. Medium - 15 to 40 years	(a) Trees that may only live between 15 and 40 more years. (b) Trees that could live for more than 40 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 40 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that could be made suitable for retention in the medium term by remedial tree care.
3. Short - 5 to 15 years	(a) Trees that may only live between 5 and 15 more years. (b) Trees that could live for more than 15 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 15 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that require substantial remedial tree care and are only suitable for retention in the short term.
4. Remove - Under 5 years	(a) Dead, dying, suppressed or declining trees because of disease or inhospitable conditions. (b) Dangerous trees because of instability or recent loss of adjacent trees. (c) Dangerous trees because of structural defects including cavities, decay, included bark, wounds or poor form. (d) Damaged trees that are clearly not safe to retain. (e) Trees that could live for more than 5 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (f) Trees that are damaging or may cause damage to existing structures within 5 years. (g) Trees that will become dangerous after removal of other trees for the reasons given in (a) to (f). (h) Trees in categories (a) to (g) that have a high wildlife habitat value and, with appropriate treatment, could be retained subject to regular review.
5. Small/Young	(a) Small trees less than 5m in height. (b) Young trees less than 15 years old but over 5m in height. (c) Formal hedges and trees intended for regular pruning to artificially control growth.

8. **Root investigations:** The root investigations should identify roots greater than 30mm in diameter that are located along the edge of the structures footprint or in the location of footings. Root investigations must be carried out using non-invasive methods (manual excavations). Any excavations for the root investigations must carried out manually to avoid damaging the roots during excavations. Manual excavation may include the use of a high-pressure air/air knife, or a combination of high-pressure water and a vacuum device. When hand excavating carefully work around roots retaining as many as possible. Take care to not fray, wound, or cause damage to any roots during excavations as this may cause decay or infection from pathogens. It is essential that exposed roots are kept moist and the excavation back filled as soon as possible. The root investigations should be carried out by a qualified Arborist minimum AQF3. Once roots are exposed, a visual assessment can be carried out by a consulting Arborist to evaluate the potential impact of the proposed root loss on the health and stability of the tree. A root map/report should be prepared identifying the findings of investigations, including photographs as supporting evidence in the report.

9. **Retention Value:** The system I have used to award the retention value is Tree AZ. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The table below provides a brief description of each category.

TreeAZ Categories (Version 10.04-ANZ)

CAUTION: TreeAZ assessments must be carried out by a competent person qualified and experienced in arboriculture. The following category descriptions are designed to be a brief field reference and are not intended to be self-explanatory. They must be read in conjunction with the most current explanations published at www.TreeAZ.com.

Category Z: Unimportant trees not worthy of being a material constraint

Local policy exemptions: Trees that are unsuitable for legal protection for local policy reasons including size, proximity and species	
Z1	Young or insignificant small trees, i.e. below the local size threshold for legal protection, etc
Z2	Too close to a building, i.e. exempt from legal protection because of proximity, etc
Z3	Species that cannot be protected for other reasons, i.e. scheduled noxious weeds, out of character in a setting of acknowledged importance, etc
High risk of death or failure: Trees that are likely to be removed within 10 years because of acute health issues or severe structural failure	
Z4	Dead, dying, diseased or declining
Z5	Severe damage and/or structural defects where a high risk of failure cannot be satisfactorily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, overgrown and vulnerable to adverse weather conditions, etc
Z6	Instability, i.e. poor anchorage, increased exposure, etc
Excessive nuisance: Trees that are likely to be removed within 10 years because of unacceptable impact on people	
Z7	Excessive, severe and intolerable inconvenience to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. dominance, debris, interference, etc
Z8	Excessive, severe and intolerable damage to property to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. severe structural damage to surfacing and buildings, etc
Good management: Trees that are likely to be removed within 10 years through responsible management of the tree population	
Z9	Severe damage and/or structural defects where a high risk of failure can be temporarily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, vulnerable to adverse weather conditions, etc
Z10	Poor condition or location with a low potential for recovery or improvement, i.e. dominated by adjacent trees or buildings, poor architectural framework, etc
Z11	Removal would benefit better adjacent trees, i.e. relieve physical interference, suppression, etc
Z12	Unacceptably expensive to retain, i.e. severe defects requiring excessive levels of maintenance, etc

NOTE: Z trees with a high risk of death/failure (Z4, Z5 & Z6) or causing severe inconvenience (Z7 & Z8) at the time of assessment and need an urgent risk assessment can be designated as ZZ. ZZ trees are likely to be unsuitable for retention and at the bottom of the categorization hierarchy. In contrast, although Z trees are not worthy of influencing new designs, urgent removal is not essential and they could be retained in the short term, if appropriate.

Category A: Important trees suitable for retention for more than 10 years and worthy of being a material constraint

A1	No significant defects and could be retained with minimal remedial care
A2	Minor defects that could be addressed by remedial care and/or work to adjacent trees
A3	Special significance for historical, cultural, commemorative or rarity reasons that would warrant extraordinary efforts to retain for more than 10 years
A4	Trees that may be worthy of legal protection for ecological reasons (Advisory requiring specialist assessment)

NOTE: Category A1 trees that are already large and exceptional, or have the potential to become so with minimal maintenance, can be designated as AA at the discretion of the assessor. Although all A and AA trees are sufficiently important to be material constraints, AA trees are at the top of the categorization hierarchy and should be given the most weight in any selection process.

TreeAZ is designed by Barrell Tree Consultancy (www.barrelltreecare.co.uk) and is reproduced with their permission

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Glossary of Terms

Abiotic - Pertaining to non-living agents; e.g. environmental factors

Adventitious shoots - Shoots that develop other than from apical, axillary or dormant buds; see also 'epicormic'

Anchorage - The system whereby a tree is fixed within the soil, involving cohesion between roots and soil and the development of a branched system of roots which withstands wind and gravitational forces transmitted from the aerial parts of the tree

Bark - A term usually applied to all the tissues of a woody plant lying outside the vascular cambium, thus including the phloem, cortex and periderm; occasionally applied only to the periderm or the phellem

Branch:
• **Primary**. A first order branch arising from a stem
• **Lateral**. A second order branch, subordinate to a primary branch or stem and bearing sub-lateral branches
• **Sub-lateral**. A third order branch, subordinate to a lateral or primary branch, or stem and usually bearing only twigs

Branch collar - A visible swelling formed at the base of a branch whose diameter growth has been disproportionately slow compared to that of the parent stem; a term sometimes applied also to the pattern of growth of the cells of the parent stem around the branch base

Brown-rot - A type of wood decay in which cellulose is degraded, while lignin is only modified

Buckling - An irreversible deformation of a structure subjected to a bending load

Buttress zone - The region at the base of a tree where the major lateral roots join the stem, with buttress-like formations on the upper side of the junctions

Cambium - Layer of dividing cells producing xylem (woody) tissue internally and phloem (bark) tissue externally

Canker - A persistent lesion formed by the death of bark and cambium due to colonisation by fungi or bacteria

Compartmentalisation - The confinement of disease, decay or other dysfunction within an anatomically discrete region of plant tissue, due to passive and/or active defences operating at the boundaries of the affected region

Compressive loading - Mechanical loading which exerts a positive pressure; the opposite to tensile loading

Condition - An indication of the physiological condition of the tree. Where the term ‘condition’ is used in a report, it should not be taken as an indication of the stability of the tree

Crown/Canopy - The main foliage bearing section of the tree

Crown lifting - The removal of limbs and small branches to a specified height above ground level

Crown thinning - The removal of a proportion of secondary branch growth throughout the crown to produce an even density of foliage around a well-balanced branch structure

Crown reduction/shaping - A specified reduction in crown size whilst preserving, as far as possible, the natural tree shape

DAB (Diameter Above Buttress) - Trunk diameter measured above the root buttress

Defect - In relation to tree hazards, any feature of a tree which detracts from the uniform distribution of mechanical stress, or which makes the tree mechanically unsuited to its environment

Dieback - The death of parts of a woody plant, starting at shoot-tips or root-tips

Disease - A malfunction in or destruction of tissues within a living organism, usually excluding mechanical damage; in trees, usually caused by pathogenic micro-organisms

Dominance - In trees, the tendency for a leading shoot to grow faster or more vigorously than the lateral shoots; also the tendency of a tree to maintain a taller crown than its neighbours

Dormant bud - An axial bud which does not develop into a shoot until after the formation of two or more annual wood increments; many such buds persist through the life of a tree and develop only if stimulated to do so

Dysfunction - In woody tissues, the loss of physiological function, especially water conduction, in sapwood

DBH (Diameter at Breast Height) - Stem diameter measured at a height of 1.4 metres or the nearest measurable point. Where measurement at a height of 1.4 metres is not possible, another height may be specified

Deadwood - Branch or stem wood bearing no live tissues. Retention of deadwood provides valuable habitat for a wide range of species and seldom represents a threat to the health of the tree. Removal of deadwood can result in the ingress of decay to otherwise sound tissues and climbing operations to access deadwood can cause significant damage to a tree. Removal of deadwood is generally recommended only where it represents an unacceptable level of hazard

Epicormic shoot - A shoot having developed from a dormant or adventitious bud and not having developed from a first year shoot

Flush-cut - A pruning cut which removes part of the branch bark ridge and or branch-collar

Girdling root - A root which circles and constricts the stem or roots possibly causing death of phloem and/or cambial tissue

Habit - The overall growth characteristics, shape of the tree and branch structure

Hazard beam - An upwardly curved part of a tree in which strong internal stresses may occur without being reduced by adaptive growth; prone to longitudinal splitting

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

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Heartwood/false-heartwood - The dead central wood that has become dysfunctional as part of the aging processes and being distinct from the sapwood

Heave - A term mainly applicable to a shrinkable clay soil which expands due to re-wetting after the felling of a tree which was previously extracting moisture from the deeper layers; also the lifting of pavements and other structures by root diameter expansion; also the lifting of one side of a wind-rocked root-plate

Included bark (ingrown bark) - Bark of adjacent parts of a tree (usually forks, acutely joined branches or basal flutes) which is in face-to-face contact

Lever arm - A mechanical term denoting the length of the lever represented by a structure that is free to move at one end, such as a tree or an individual branch

Lignin - The hard, cement-like constituent of wood cells; deposition of lignin within the matrix of cellulose microfibrils in the cell wall is termed Lignification

Lions tailing - A term applied to a branch of a tree that has few if any side-branches except at its end, and is thus liable to snap due to end- loading

Loading - A mechanical term describing the force acting on a structure from a particular source; e.g. the weight of the structure itself or wind pressure

Mycelium - The body of a fungus, consisting of branched filaments (hyphae)

Occlusion - The process whereby a wound is progressively closed by the formation of new wood and bark around it

Pathogen - A micro-organism which causes disease in another organism

Photosynthesis - The process whereby plants use light energy to split hydrogen from water molecules, and combine it with carbon dioxide to form the molecular building blocks for synthesizing carbohydrates and other biochemical products

Probability - A statistical measure of the likelihood that a particular event might occur

Pruning - The removal or cutting back of twigs or branches, sometimes applied to twigs or small branches only, but often used to describe most activities involving the cutting of trees or shrubs

Radial - In the plane or direction of the radius of a circular object such as a tree stem

Reactive Growth/Reaction Wood - Production of woody tissue in response to altered mechanical loading; often in response to internal defect or decay and associated strength loss (cf. adaptive growth)

Ring-barking - The removal of a ring of bark and phloem around the circumference of a stem or branch, normally resulting in an inability to transport photosynthetic assimilates below the area of damage. Almost inevitably results in the eventual death of the affected stem or branch above the damage

Root-collar - The transitional area between the stem/s and roots

Sapwood - Living xylem tissues

Soft-rot - A kind of wood decay in which a fungus degrades cellulose within the cell walls, without any general degradation of the wall as a whole

Stem/s - Principle above-ground structural component(s) of a tree that supports its branches

Stress - In plant physiology, a condition under which one or more physiological functions are not operating within their optimum range, for example due to lack of water, inadequate nutrition or extremes of temperature

SRZ (Structural Root Zone) - The area around the base of the tree required for the trees stability in the ground

Subsidence - In relation to soil or structures resting in or on soil, a sinking due to shrinkage when certain types of clay soil dry out, sometimes due to extraction of moisture by tree roots

Taper - In stems and branches, the degree of change in girth along a given length

Targets - In tree risk assessment (with slight misuse of normal meaning) persons or property or other things of value which might be harmed by mechanical failure of the tree or by objects falling from it

Topping - In arboriculture, the removal of the crown of a tree, or of a major proportion of it

Transpiration - The evaporation of moisture from the surface of a plant, especially via the stomata of leaves; it exerts a suction which draws water up from the roots and through the intervening xylem cells

TPZ (Tree Protection Zone) - 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

Understory - This layer consists of younger individuals of the dominant trees, together with smaller trees and shrubs which are adapted to grow under lower light conditions

Veteran tree - Tree that, by recognised criteria, shows features of biological, cultural or aesthetic value that are characteristic of, but not exclusive to, individuals surviving beyond the typical age range for the species concerned. These characteristics might typically include a large girth, signs of crown retrenchment and hollowing of the stem

Vigour - The expression of carbohydrate expenditure to growth (in trees)

White-rot - A range of kinds of wood decay in which lignin, usually together with cellulose and other wood constituents, is degraded

Wind exposure - The degree to which a tree or other object is exposed to wind, both in terms of duration and velocity

Wind pressure - The force exerted by a wind on a particular object

Windthrow - The blowing over of a tree at its roots

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

Appendix B (Part A) – Urban Arbor - Arboricultural Report – Construction Impacts

- Marrickville to Wiley Park

PART A

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Arboricultural Report:

SWMC Tree Report

Site Location: Southwest Metro - Marrickville, Dulwich Hill, Hurlstone Park, Canterbury, Campsie, Belmore, Lakemba, Wiley Park, Punchbowl and Bankstown, NSW

Prepared for:
John Holland Laing O'Rourke

Prepared by: Bryce Claassens
Urban Arbor Pty Ltd
Date prepared: 3 July 2024
Ref: 240603-SWMC-AIA
Rev: 29

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1. INTRODUCTION

1.1 Urban Arbor have been instructed by John Holland Laing O'Rourke to provide an Arboricultural Report for trees located at the site and adjoining sites in relation to the proposed Sydney Trains Service Relocation works. This report is an addendum to the SMEW Tree Report by Urban Arbor, dated 17 September 2020. The report is to address trees to be removed or pruned within specific areas at the site and to specify tree protection requirements for trees to be retained.

1.2 Documents and information provided to assist in preparing the report;

A) Infrastructure Approval, NSW Government Planning & Environment, 12 December 2018, Condition of Approval – SSI 8256.
B) Compilation of Revised Mitigation Measures, Transport for NSW, LV12 – Impact to trees, no date shown.
C) 03 MWA – Veg Prune and Clear Table, John Holland Laing O'Rourke, Page 1 – 33, 23 February 2021.
D) 00 Lak & Cant – Veg Prune and Clear Table, John Holland Laing O'Rourke, Page 1 – 8, 14 December 2020.
E) SMC – Tree Prune and Clearing Mark-up, John Holland Laing O'Rourke, Page 1 – 10, 23 November 2020.
F) SMC – Tree Prune and Clearing Mark-up, John Holland Laing O'Rourke, Page 1 – 15, November 2021.
G) Appendix D12_SWTC1.6 Early Works Mark-up, John Holland Laing O'Rourke, Page 1 – 13, No date shown.
H) SMEW Tree Report, Urban Arbor Pty Ltd, Ref: 200917-SWM-AIA, Rev: H, 17 September 2020.
I) Bowls Club Lease Gazette, Government Gazette of the state of New South Wales, Number 290 – Compulsory Acquisitions, 23 December 2020.

1.3 The site and tree inspections were completed on 6 November 2020, 9 December 2020, 12 February 2021, 17 February 2021, 10 June 2021, 16 July 2021, 19 November 2021 and 17 December 2021. Some trees included within this report were previously inspected between the dates of 6 January 2020 to 3 April 2020 during the Southwest Metro Rail Corridor (Marrickville to Bankstown) works. Access was available to the subject site and adjoining public areas only.

2. SCOPE OF THE REPORT

2.1 This report has been undertaken to meet the following objectives.

2.1.1 Conduct a visual assessment of all significant trees located within the area identified for assessment by John Holland Laing O'Rourke. For the purpose of this report, a significant tree is a 'Long lived woody perennial plant greater than (or usually greater than) 3 metres in height with one or relatively few main stems or trunks'.

2.1.2 Determine the trees estimated contribution years and remaining useful life expectancy and award the trees a retention value.

2.1.3 Determine trees that are to be removed or retained within each area.

2.1.4 Specify tree protection measures for trees to be retained in accordance with AS4970-2009.

2.1.5 Provide pruning specifications for trees where required, in accordance with AS4373-2007.

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3. LIMITATIONS

3.1 The observations and recommendations are based on the site inspections identified in section 1 only. The findings of this report are based on the observations and site conditions at the time of inspection.

3.2 All of the observations were carried out from ground level. The accuracy of the assessment of the subject trees structural condition and health is limited to the visibility of the tree at the time of inspection.

3.3 The tree inspection was visual from ground level only. No soil or tissue testing was carried out as part of the tree inspection. None of the surrounding surfaces adjacent to trees were lifted or removed during the tree inspections.

3.4 Root decay can sometimes be present with no visual indication above ground. It is also impossible to know the extent of any root damage caused by mechanical damage such as underground root cutting during the installation of services without undertaking detailed root investigation. Any form of tree failure due to these activities is beyond the scope of this assessment.

3.5 The report reflects the subject tree(s) as found on the day of inspection. Any changes to the growing environment of the subject tree, or tree management works beyond those recommended in this report may alter the findings of the report. There is no warranty, expressed or implied, that problems or deficiencies relating to the subject tree, or subject site may not arise in the future.

3.6 Tree identification is based on accessible visual characteristics at the time of inspection. As key identifying features are not always available the accuracy of identification is not guaranteed. Where tree species is unknown, it is indicated with an *spp*.

3.7 Some trees included within this report have been located using a Trimble TDC100 hand held GNSS device by Urban Arbor Pty Ltd. Tree locations are only accurate within 1m - 3m. If an accurate location of the trees is required, a registered surveyor should locate the trees.

3.8 All diagrams, plans and photographs included in this report are visual aids only and are not to scale unless otherwise indicated.

3.9 Alteration of this report invalidates the entire report.

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4. METHODOLOGY

4.1 The following information was collected during the assessment of the subject tree(s).

- 4.1.1 Tree common name
- 4.1.2 Tree botanical name
- 4.1.3 Tree age class
- 4.1.4 DBH (Trunk/Stem diameter at breast height/1.4m) - millimetres.
- 4.1.5 DAB (Trunk diameter directly above the root buttress) – millimetres.
- 4.1.6 Estimated height – metres.
- 4.1.7 Estimated crown spread (diameter of crown) - metres.
- 4.1.8 Health
- 4.1.9 Structural condition
- 4.1.10 Amenity value
- 4.1.11 Estimated remaining contribution years (SULE)[1]
- 4.1.12 Retention value (Tree AZ)[2]
- 4.1.13 Notes/comments

4.2 An assessment of the trees condition was made using the visual tree assessment (VTA) model (Mattheck & Breloer, 1994).[3]

4.3 Tree diameter was measured using a DBH tape or in some cases estimated. Tree height and tree canopy spread was measured with a clinometer or in some cases estimated. All other measurements were estimations unless otherwise stated. The other tools used during the assessment were a nylon mallet, compass, camera and a steel probe.

4.4 All information was imported into our computerised geographical information system (GIS) PT-mapper pro. This software was used to measure/calculate all encroachment estimates included in this report.

4.5 All DBH measurements, tree protection zones, and structural root zones were calculated in accordance with methods set out in AS4970 Protection of trees on development sites (2009).[4]

4.6 Details of how the observations in this report have been assessed are listed in the appendices.

[1] Barrell, J. (2001), *'SULE: Its use and status in the new millennium' in Management of Mature Trees proceedings of the 4th NAAA Workshop*, Sydney, 2001. Barrell.

[2] Barrell Tree Consultancy, *Tree AZ version 10.10-ANZ*, http://www.treeaz.com/.

[3] Mattheck, C. & Breloer, H., *The body language of trees - A handbook for failure analysis*, The Stationary Office, London, England (1994).

[4] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009).

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5. SITE LOCATION AND BRIEF DESCRIPTION

5.1 The areas covered in the site inspections are located within two Local Government Areas (LGA), including Inner West LGA and Canterbury Bankstown LGA. All trees within the Inner West LGA are subject to protection under the Inner West Local Environmental Plan (LEP) 2022[5] and the Inner West Council Tree Management DCP 2023.[6] All trees within the Canterbury Bankstown LGA are subject to protection under the Canterbury Bankstown LEP 2023[7] and Canterbury Bankstown DCP 2023.[8]

5.2 This report has been separated into Part A – Marrickville to Wiley Park, and Part B – Wiley Park to Bankstown.

6. GENERAL INFORMATION IN RELATION TO PROTECTING TREES ON DEVELOPMENT SITES

6.1 **Tree protection zone (TPZ):** The TPZ is the principle means of protecting trees on development sites and is an area required to maintain the viability of trees during development. It is commonly observed that tree roots will extend significantly further than the indicative TPZ, however the TPZ is an area identified in AS4970-2009 to be the area where root loss or disturbance will generally impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The TPZ also incorporates the SRZ (see below for more information about the SRZ). The TPZ is calculated by multiplying the DBH by twelve, with the exception of palms, other monocots, cycads and tree ferns, the TPZ of which have been calculated at one metre outside the crown projection. Additional information about the TPZ is included in appendix 3.

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5 *Inner West Local Environmental Plan 2022*, https://www.legislation.nsw.gov.au/#/view/EPI/2011/645/full, accessed 27 May 2024.

6 *Inner West Tree Management Development Control Plan 2023*, https://www.innerwest.nsw.gov.au/live/information-for-residents/trees/trees-on-your-property-pruning-or-removing, accessed 27 May 2024.

7 *Canterbury Bankstown Local Environmental Plan 2023*, https://legislation.nsw.gov.au/view/html/inforce/current/epi-2023-0336, accessed 27 May 2024.

8 *Canterbury Bankstown Development Control Plan 2023*, https://www.cbcity.nsw.gov.au/development/planning-control-policies/canterbury-bankstown-development-control-plan-2023, accessed 27 May 2024.

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6.2 **Structural Root Zone (SRZ):** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always needs to be maintained to preserve a viable tree. The SRZ is calculated using the following formula; (DAB x 50) $^{0.42}$ x 0.64. There are several factors that can vary the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally, work within the SRZ should be avoided. Soil level changes should also generally be avoided inside the SRZ of trees to be retained. Palms, other monocots, cycads and tree ferns do not have an SRZ. See the appendices for more information about the SRZ.

6.3 **Minor encroachment into TPZ:** Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.

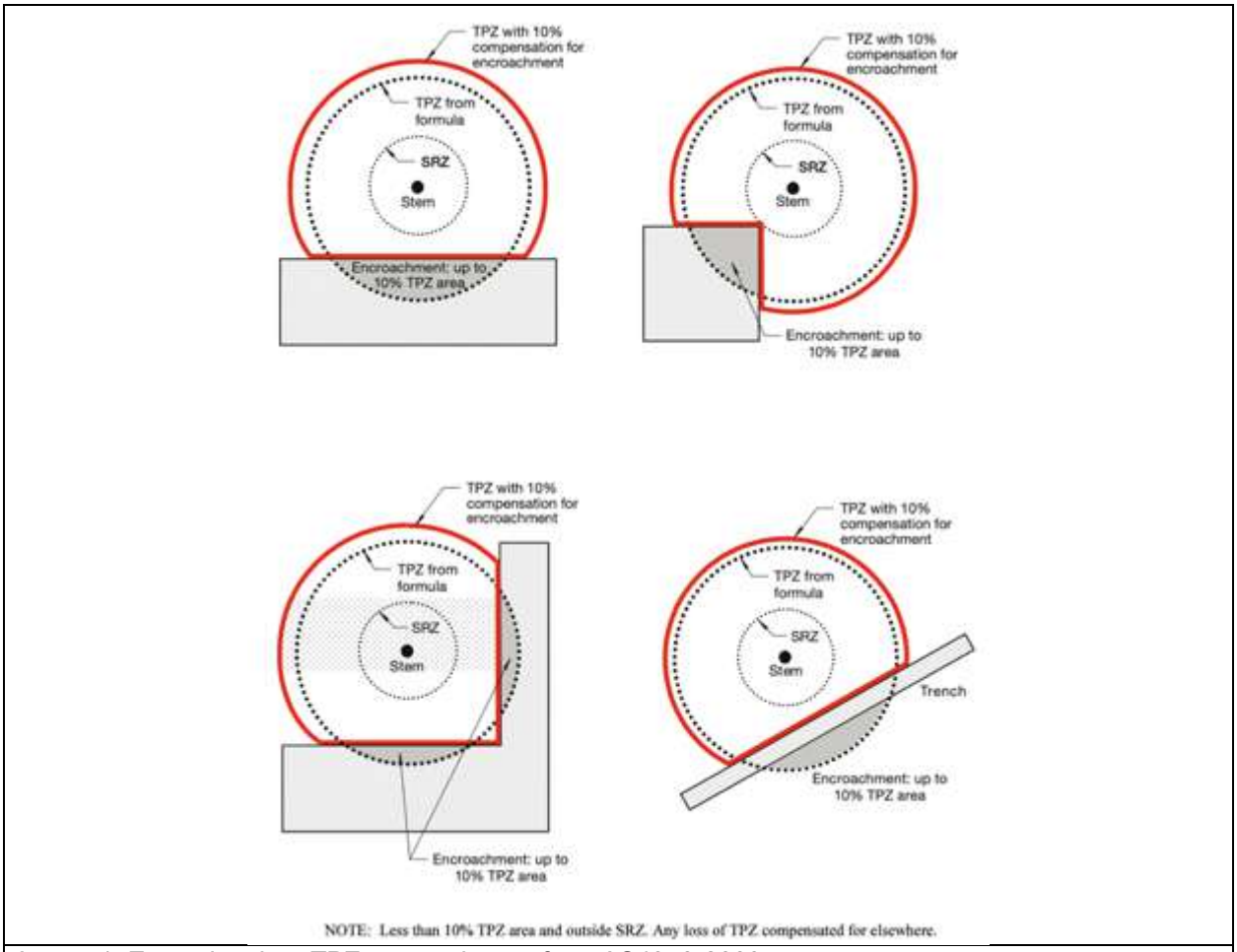

Image 1: Example minor TPZ encroachment from AS4970-2009.

6.4 **Major encroachment into TPZ:** Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted. Root investigations may be required to identify roots that will be impacted during major TPZ encroachment (see appendix 3 for more information in relation to root investigations).

7. SITE LOCATION

7.1 The areas assessed in this report have been identified by John Holland Laing O'Rourke and have been listed below. Urban Arbor carried out a site inspection to identify significant trees within each area. The following areas were assessed for significant trees that could potentially be impacted by the proposed development;

- **9.3** Marrickville
- **9.4** Dulwich Hill
- **9.5** Hurlstone Park
- **9.6** Canterbury
- **9.7** Campsie
- **9.8** Belmore
- **9.9** Lakemba
- **9.10** Wiley Park
- **9.11** Punchbowl
- **9.12** Bankstown

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8. TREE OBSERVATIONS

8.1 **Tree information:** Details of each individual tree assessed, including the observations taken during the site inspection, can be found in the tree inspection schedule in appendix 2, where the indicative tree protection zone (TPZ) and Structural Root Zone (SRZ) has been calculated for each of the subject trees. The TPZ and SRZ should be measured in radius from the centre of the trunk. Each of the subject trees have been awarded a retention value based on the observations using the Tree AZ method. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The Tree AZ categories sheet (Barrell Tree Consultancy) has been included in appendix 3 to assist with understanding the retention values. The retention value that has been allocated to the subject trees in this report is not definitive and should only be used as a guideline.

9. ASSESSMENT OF TREE IMPACTS BY AREA

9.1 The below tables include trees and other *vegetation* - refer to the notes column in Appendix 2 for classification. *Vegetation* has been identified at the discretion of Urban Arbor to meet the requirements of Condition of Approval E5 and includes shrubs and some exotic species but does not include small insignificant regrowth, weed species and grasses. Totals derived for replacement planting include trees only, as defined by the *NSW Government Planning & Environment, 12 December 2018, Condition of Approval – E5, SSI 8256*.

9.2 The trees and *vegetation* included in the following sections have been identified by John Holland Laing O'Rourke as being subject to impacts from development works. All trees to be retained should be protected in accordance with AS4970-2009, details of which are included in section 12. If there are any development works that have not been assessed and could potentially impact additional trees, the project arborist must assess the impact of the proposed works to the condition of the trees, determining the trees viability for retention.

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9.3 Marrickville

9.3.1 **Way Street Access:** Two trees require canopy pruning for vehicle access. The pruning is to provide adequate clearance for the vehicles entering and exiting the site. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3453	*Casuarina glauca*	1. Long	A1	9.6	289.5	3.1	Native	High
3454	*Casuarina glauca*	1. Long	A1	3.2	32.2	2.3	Native	High

Image 1: Looking towards tree 3453 and 3454 showing required pruning for vehicle access. The East side of the canopy is to be reduced by 1m (hatched yellow). The pruning will result in removing less than 5% of the overall live foliage area. Final pruning cuts should not exceed 100mm in diameter.

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9.3.2 **Way Street Compound:** No access was available to this area, therefore the tree information has been estimated based on the received photographs and available information. Three trees in this area require removal to accommodate the proposed laydown area. A group of trees adjacent to this area requires crown pruning to provide adequate clearance for the proposed works area. The following trees and group of trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3460	*Eucalyptus spp*	5. Small/Young	Z1	2.7	22.9	2.0	Native	Low
3461	*Eucalyptus spp*	5. Small/Young	Z1	2.4	18.1	1.8	Native	Low
3462	*Eucalyptus spp*	5. Small/Young	Z1	3.3	34.2	2.0	Native	Low
G28	*Mixed species*	5. Small/Young	Z3	3.0	28.3	2.0	Exotic/Native	Low

Image 2: Looking towards tree 3460, 3461 and 3462. The removal of the trees is recommended to accommodate the development.

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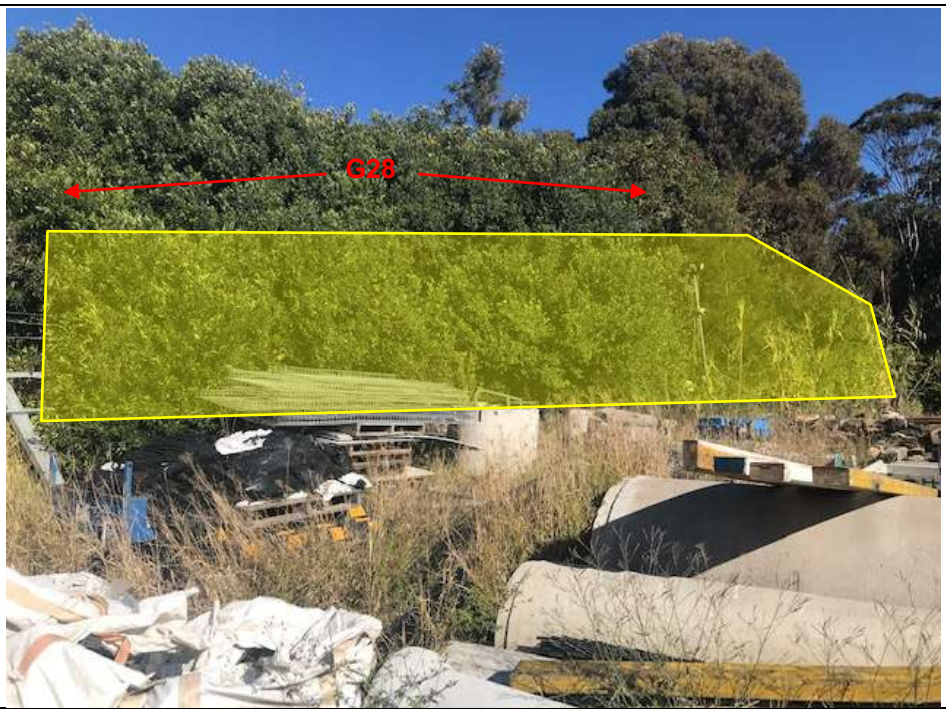

Image 3: Looking towards G28 showing required pruning for the works area. The section of the foliage that overhangs the fence is to be reduced by of the canopy is to be reduced by 1m (hatched yellow). The pruning will result in removing less than 5% of the overall live foliage area of each tree. Final pruning cuts should not exceed 10mm in diameter.

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9.3.3 **Victoria Road to Carrington Road:** The trees within this area are located adjacent to the proposed piling, retaining wall and fence installation works. The proposed piling is to be completed directly adjacent to tree 3375. The proposed retaining wall is to be completed directly adjacent to tree 3455 and weed species to the East of tree. Therefore, tree 3375, 3455 and the weed species to the East are to be removed to accommodate the development. Tree 3376, individual trees within G26 and additional small weed species will require canopy pruning to allow for the piling, retaining wall and fence installation works. Weed species within G26 will require removal to accommodate the proposed fence installation. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3375	*Morus alba*	2. Medium	Z3	3.4	36.3	2.1	Exotic	Low
3376	*Melaleuca spp*	5. Small/Young	Z1	2.4	18.1	1.7	Native	Low
3455	*Ficus rubiginosa*	3. Short	Z10	5.4	91.6	2.5	Native	Medium
G26	*Mixed species*	1. Long	A1	3.6	40.7	2.1	Native	High

Image 4: Looking towards tree 3375. The tree is recommended for removal due to construction impacts. Also showing required pruning for the small weed species (hatched yellow). The pruning will result in removing less than 5% of the overall live foliage area of the small weed species. Final pruning cuts should not exceed 50mm in diameter.

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Image 5: Looking East towards tree 3376 showing required pruning for piling works (hatched yellow). The crown is to be reduced by 2m, in line with the brick wall. The pruning will result in removing less than 30% of the overall live foliage area of the tree. Final pruning cuts should not exceed 80mm in diameter.

Image 6: Looking towards tree 3455. The tree is recommended for removal due to construction impacts.

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Image 7: Looking towards the weed species located to the East of tree 3455. The weed species are to be removed to accommodate the retaining wall.

Image 8: Looking East towards tree G26 showing the approximate area of required pruning for the fence installation works (hatched yellow). Where required, any overhanging section of crown in conflict with the fence installation area is to be reduced to allow for the works area. The pruning must not exceed the removal of more than 20% of the overall live foliage area of each tree. Final pruning cuts should not exceed 75mm in diameter. Weed species within G26 are to be removed to allow for the works.

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9.3.4 **Victoria Road – Country side:** The trees within this area are located adjacent to the proposed piling/works area. Tree 3211, 3213, 3214, 3215 and 3216 will be located within the footprint of the proposed works and are to be removed to accommodate the development. Smaller weed species adjacent to the trees are also to be removed. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3211	*Acacia spp*	3. Short	Z10	3.4	36.3	2.1	Native	Low
3213	*Acacia spp*	2. Medium	A1	2.0	12.6	1.6	Native	Medium
3214	*Callistemon viminalis*	1. Long	A1	3.1	30.2	2.0	Native	Medium
3215	*Acacia spp*	3. Short	Z10	3.0	28.3	1.8	Native	Medium
3216	*Triadica sebifera*	3. Short	Z10	2.2	15.2	1.8	Exotic	Low

Image 9: Looking West towards tree 3211, 3213, 3214, 3215 and 3216. The trees are recommended for removal due to construction impacts.

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9.3.5 **Wooley Lane Access SW abutment:** Trees in this area require crown pruning to allow for the security fence construction. The pruning is to provide 5m of clearance below the canopy of the trees and set back from the fence by 2m. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
15	*Eucalyptus saligna*	1. Long	A1	4.9	75.4	2.4	Native	Medium
17	*Eucalyptus saligna*	1. Long	A1	5.4	91.6	2.4	Native	High

Image 10: Looking towards tree 15 showing required pruning for security fence installation (hatched yellow). The pruning will result in removing less than 10% of the overall live foliage area of the tree.

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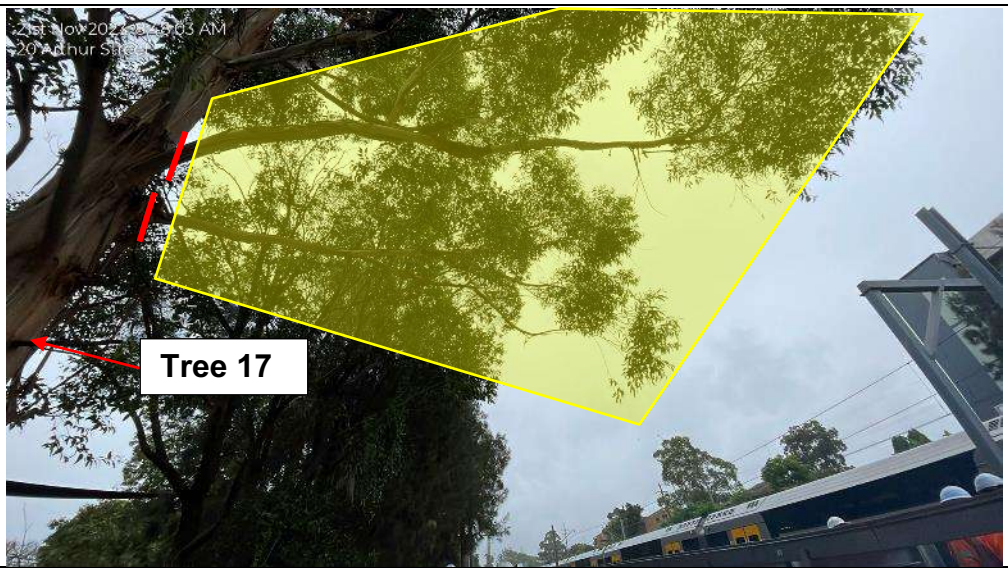

Image 11: Looking towards tree 17 showing required pruning for security fence installation (hatched yellow). The pruning will result in removing less than 10% of the overall live foliage area of the tree.

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9.3.6 **Livingstone Ave access to SE abutment:** Trees in this area require crown pruning to allow for heavy vehicle access to enable plant & equipment items to pass between the trees and the GST. The pruning is to provide 4 metres of clearance below the canopy of the trees. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
74	*Quercus robur*	2. Medium	A2	5.4	91.6	2.4	Exotic	Medium
75	*Erythrina crista-galli*	2. Medium	Z3	4.8	72.4	2.3	Exotic	Low

Image 12: Looking West towards tree 74 and 75 showing required pruning for vehicle access (hatched yellow). The North side of the canopy of both trees is to be crown raised by 4m above ground height. The pruning will result in removing 10% of the overall live foliage area of each tree. Final pruning cuts should not exceed 100mm in diameter.

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9.3.7 **Bridge Livingstone Road NW Abutment:** The trees within this area are located adjacent to the proposed piling/works area. Tree 3178, 3180, 3181, 3472, 3473, 3474 and 3475 will be located within the footprint of the proposed works and are to be removed to accommodate the development. Smaller weed species surrounding the trees are also to be removed to allow for the works area. Tree 3175 and 3179 will require canopy pruning to allow for the works – see Image 26 and 28. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3175	*Fraxinus raywood*	2. Medium	A1	2.0	12.6	1.7	Exotic	Medium
3178	*Acacia decurrens*	3. Short	Z4	2.3	16.6	1.7	Native	Medium
3179	*Cinnamomum camphora*	2. Medium	Z3	3.6	40.7	2.0	Exotic	Low
3180	*Eucalyptus tereticornis*	2. Medium	A2	5.4	91.6	2.6	Native	High
3181	*Fraxinus raywood*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Low
3472	*Pistacia chinensis*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Low
3473	*Pistacia chinensis*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Low
3474	*Pistacia chinensis*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Low
3475	*Tristaniopsis laurina*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

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Image 13: Looking West towards tree 3175 showing required pruning for works area (hatched yellow). The North side of the canopy is to be raised by 3m. The pruning will result in removing less than 5% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter.

Image 14: Looking Southwest towards tree 3178. The tree is recommended for removal due to construction impacts.

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Image 15: Looking South towards tree 3179 and 3180. Showing required pruning for works area for tree 3179 (hatched yellow). The Northeast side of the crown is to be reduced by 1m. The pruning will result in removing less than 5% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter. Tree 3180 is recommended for removal due to construction impacts.

Image 16: Looking Southwest towards tree 3181. The tree is recommended for removal due to construction impacts.

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Image 17: Looking 3472, 3473, 3474 and 3475. The trees are recommended for removal due to construction impacts.

9.3.8 **Bridge Livingstone Road SW Abutment:** The only works proposed within this area include the maintenance of grass and insignificant small weeds by whipper snip and mow. No *vegetation* or tree removal is required within this area. No *vegetation* or tree pruning is required within this area.

Image 18: Looking South towards small weed species on the upper embankment required to be removed to accommodate the development.

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9.3.9 **Bridge Livingstone Road NE Abutment:** Insignificant small weed species located along the upper embankment will be impacted by the proposed works area and required to be removed. No *vegetation/*tree removal or pruning is required within this area.

Image 19: Looking East towards small weed species on the upper embankment required to be removed to accommodate the development.

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9.3.10 **Randall Street Access SE abutment:** Tree 79 in this area requires crown pruning to allow for the security fence construction. The remaining trees in this area are recently planted trees that are to be transplanted or removed to allow for the security fence construction. The following tree has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
79	*Lagerstroemia indica*	1. Long	A1	3.0	28.3	1.8	Exotic	Medium

Image 20: Looking towards tree 79 showing required pruning for security fence installation (hatched yellow). Approximately 40% of the overall live foliage area of the tree is required to be removed. This is considered significant canopy pruning, however, the tree species is tolerable of significant canopy pruning and it is a preferred option to whole tree removal.

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Image 21: Showing recently planted small trees to be transplanted or removed to accommodate the proposed fence construction.

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9.3.11 **Albermarle Road NE and NW Abutments:** The trees within this area are located adjacent to crane activities and security fencing. Tree 82a, 82d and 3523 will be located within the footprint of the proposed works area and are to be removed to accommodate the development. Eleven smaller multi stemmed vegetation that do not meet the definition of a tree will also require removal within this area. Tree 3125 and 3128 will require canopy pruning to allow for the works. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
82a	*Syncarpia glomulifera*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
82d	*Melaleuca linariifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3125	*Callistemon viminalis*	5. Small/Young	Z1	4.8	72.4	2.3	Native	Low
3128	*Casuarina glauca*	3. Short	Z10	4.8	72.4	2.4	Native	Medium
3532	*Casuarina glauca*	1. Long	A1	3.0	28.3	2.0	Native	Medium

Image 22: Looking towards tree 82a and 3523. The trees are recommended for removal due to construction impacts. The smaller vegetation between the trees is also recommended for removal due to construction impacts.

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Image 23: Looking towards tree 82d. The tree is recommended for removal due to construction impacts. The smaller vegetation is also recommended for removal due to construction impacts.

Image 24: Looking towards tree 82d. The tree is recommended for removal due to construction impacts. The smaller vegetation is also recommended for removal due to construction impacts.

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Image 25: Looking West towards tree 3125 showing required pruning for works area (hatched yellow). The South side of the canopy is to be reduced back to the fence line. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 80mm in diameter.

Image 26: Looking towards tree 3128 showing required pruning for works area. The first order branch to the Southwest at 2m is to be removed. The yellow line indicates the branch to be removed. The red line indicates the final pruning cut location. The pruning will result in removing approximately 20% of the overall live foliage area.

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9.3.12 **Albermarle Road SE Abutment:** The trees within this area will not be impacted by any works to be completed by JHLOR. Tree 81, 81a, 81b and 82 are located within this area and are to be retained. The tree information has been included below;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
81	*Unknown spp*	4. Remove	Z4	2.0	12.6	1.5	Exotic	Very Low
81a	*Tibouchina spp*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Low
81b	*Camellia spp*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Low
82	*Ficus benjamina*	5. Small/Young	Z1	3.0	28.3	1.8	Native	Low

Image 27: Looking towards tree 81. The tree is to be retained.

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Image 28: Looking towards tree 81a. The tree is to be retained.

Image 29: Looking towards tree 81b. The tree is to be retained.

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Image 30: Looking towards tree 82. The tree is to be retained.

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9.4 Dulwich Hill

9.4.1 **Dulwich Hill Station (North side):** *Vegetation* in this area requires crown pruning to allow for the intersection of a new GST trough. The pruning is to provide adequate clearance for the proposed works area. The following group of *vegetation* has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
G27	*Mixed species*	5. Small/Young	Z3	2.0	12.6	1.5	Exotic	Very Low

Image 31: Looking Southwest towards *vegetation* within G27 (Mixed species weeds). The *vegetation* within this area requires clearance pruning (hatched yellow) around the GST to allow for the proposed works area.

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9.4.2 **Dulwich Hill Station (North side):** The trunk of the tree within this area is in contact with the existing GST. The trunk of the tree will be located within the footprint of the proposed relocation of assets. The tree is to be removed to accommodate the development. The following tree has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3276	*Casuarina cunninghamiana*	1. Long	A1	2.0	12.6	1.8	Native	Medium

Image 32: Looking East towards tree 3276. Tree removal is recommended to accommodate the development.

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9.4.3 **Dulwich Hill Station (North side):** The only works proposed within this area include the maintenance of grass and insignificant small weeds by whipper snip and mow. No *vegetation* or tree removal is required within this area. No *vegetation* or tree pruning is required within this area.

Image 33: Looking West towards Zone 3. No tree removal or pruning will be required within this area.

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9.4.4 **Dulwich Hill Station (North side):** Trees in this area require crown pruning to allow for heavy vehicle access for hydro-vac excavation truck works (NDD testing for a new GST section). The pruning is to provide 4.5 metre of clearance below the canopy of the trees. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3069	*Casuarina cunninghamiana*	1. Long	A1	5.2	83.6	2.5	Native	High
3292	*Casuarina cunninghamiana*	1. Long	A1	6.5	132.7	2.7	Native	High

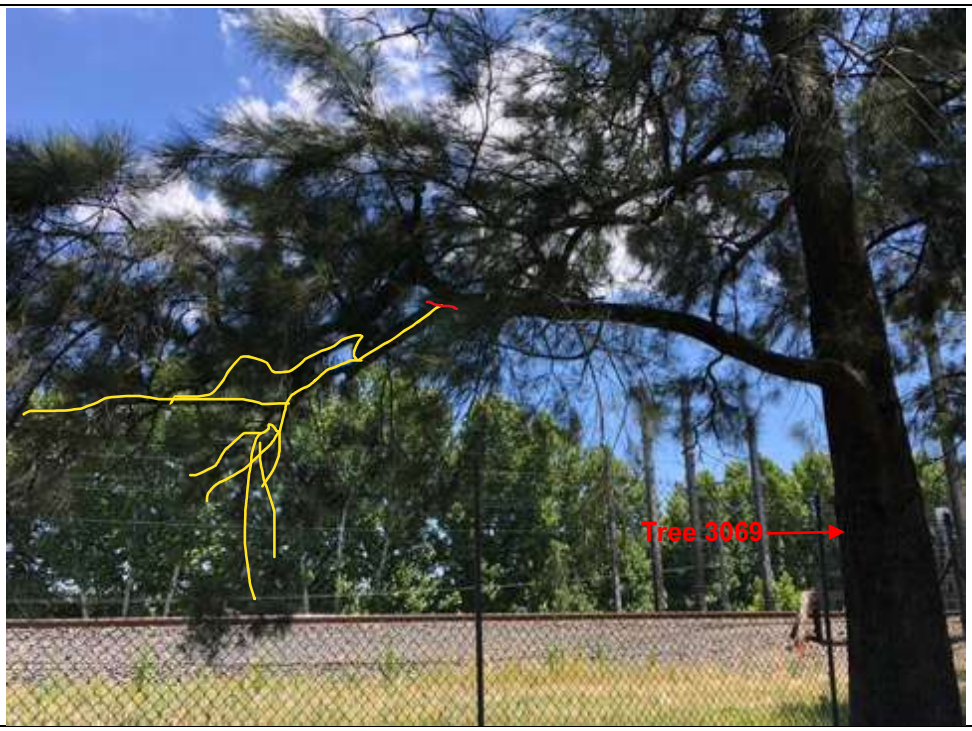

Image 34: Looking Southwest towards tree 3069 showing required pruning for vehicle access. The 120mm diameter second order branch to the Southeast at 2m above existing ground is to be removed. Branch marked yellow, pruning cut marked red.

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Image 35: Looking Southwest towards tree 3292 showing required pruning for vehicle access. The area hatched yellow is to be crown raised to a height of 4.5m above ground level. The pruning will result in the removal of approximately 10% of the overall live foliage area and will not significantly impact the tree.

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9.4.5 **Dulwich Hill Station (South side):** Trees 86, 87 and 88 in this area require crown pruning to allow for the security fence installation. The pruning is to provide 5 metres of clearance below the canopy of the trees and set back from the fence by 2m. Tree 3533 will require removal to accommodate the security fence installation. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
86	*Schinus molle*	1. Long	A1	14.4	651.4	3.7	Exotic	High
87	*Cinnamomum camphora*	1. Long	A1	15.0	706.9	3.9	Exotic	Medium
88	*Cinnamomum camphora*	2. Medium	A1	15.0	706.9	3.8	Exotic	Medium
3533	*Acacia parramattensis*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

Image 36: Looking towards tree 86 showing required pruning for the security fence construction (hatched yellow). The pruning will result in the removal of approximately 15% of the overall live foliage area and will not significantly impact the tree.

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Image 37: Looking towards tree 87 showing required pruning for the security fence construction (hatched yellow). The pruning will result in the removal of approximately 15% of the overall live foliage area and will not significantly impact the tree.

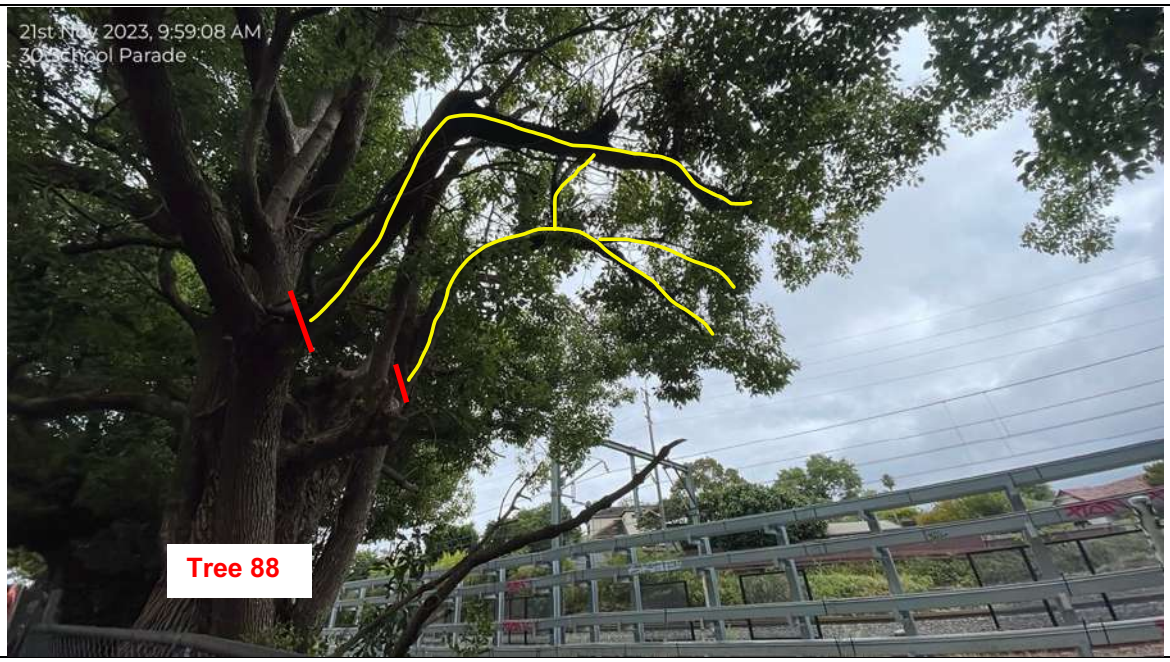

Image 38: Looking towards tree 88 showing required pruning for the security fence construction. The two x 200mm first order branches at approximately 4m are to be removed. The yellow lines indicate the branches to be removed. The red lines indicate the final pruning cut locations. The pruning will result in the removal of approximately 10-15% of the overall live foliage area and will not significantly impact the tree.

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Image 39: Looking towards tree 3533, recommended to be removed to accommodate the security fence installation.

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9.4.6 **Dulwich Hill Station (South side):** The removal of insignificant small weed species will be required for the proposed construction. No *vegetation* or tree removal is required within this area. No *vegetation* or tree pruning is required within this area.

Image 40: Looking Southeast towards small weed species on the upper embankment required to be removed to accommodate the development.

9.4.7 **Garnett Street Bridge (Southwest side):** The removal of insignificant small weed species will be required for the proposed construction. No *vegetation* or tree removal is required within this area. No *vegetation* or tree pruning is required within this area.

Image 41: Looking Southeast towards small weed species on the upper embankment required to be removed to accommodate the development.

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9.4.8 **Dulwich Hill Hi-rail Access Pad Area (South side):** Tree 115, 118, 119, 120 and 121 located in this area requires canopy pruning to allow for the installation of a new transition pit and security fencing. Tree 3534 requires removal to accommodate the proposed security fencing. One *vegetation* (3293) requires removal to allow for the installation of the new transition pit. The following trees and *vegetation* have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
115	*Acacia parramattensis*	2. Medium	A1	3.1	30.2	2.1	Native	Medium
118	*Melaleuca bracteata*	1. Long	A1	3.1	30.2	2.0	Native	Medium
119	*Melia azedarach*	1. Long	A1	2.3	16.6	1.7	Native	Medium
120	*Melia azedarach*	1. Long	A1	2.0	12.6	1.6	Native	Medium
121	*Melia azedarach*	1. Long	A1	2.3	16.6	1.7	Native	Medium
3293	*Acacia parramattensis*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Very Low
3534	*Melia azedarach*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

Image 42: Looking Northeast to tree 115 and *vegetation* 3293. Canopy pruning is required for tree 115. The area hatched yellow is to be crown raised to a height of 3m above ground level. The pruning will result in the removal of less than 5% of the overall live foliage area and will not significantly impact the tree. *Vegetation* 3293 is to be removed to accommodate the proposed transition pit.

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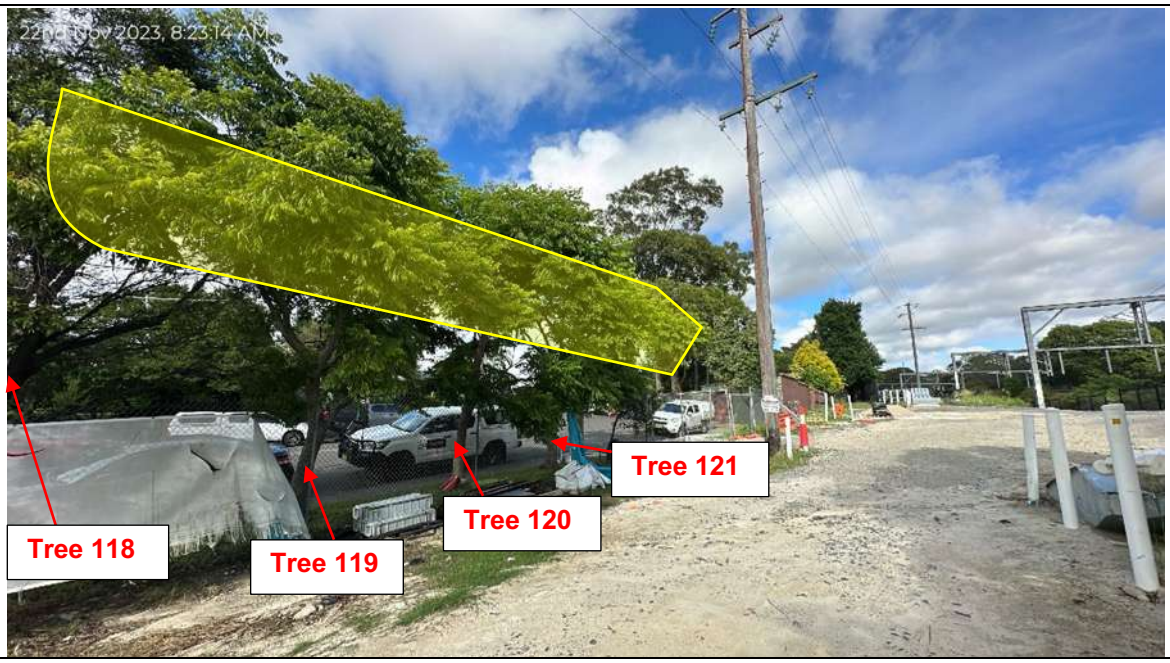

Image 43: Looking towards tree 118, 119, 120 and 121 showing the required canopy pruning (hatched yellow). Canopy pruning is required for tree 115. The area hatched yellow is to be crown raised to a height of 5m above ground level to allow for the security fencing installation. The pruning will result in the removal of less than 10% of the overall live foliage area of each tree and will not significantly impact the trees.

Image 44: Looking towards tree 3534, recommended to be removed to accommodate the security fence installation.

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9.4.9 **Dulwich Hill Hi-rail Access Pad Area (South side):** *Vegetation* in this area will be located directly adjacent to a proposed services trench. The *vegetation* is to be removed to accommodate the development. The following *vegetation* has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3294	*Triadica sebifera*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Very Low

Image 45: Looking Northeast to *vegetation* 3294. *Vegetation* 3294 is to be removed to accommodate the proposed services trench.

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9.4.10 **Dulwich Hill Hi-rail Access Gate:** The trees within this area are located within the footprint or directly adjacent to the proposed access gate. Tree 122, 123, 124 and 125 are to be removed to accommodate the development. Tree 126 can be retained in a viable condition. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
122	*Melaleuca bracteata*	1. Long	A1	4.8	72.4	2.3	Native	Medium
123	*Callistemon viminalis*	1. Long	A1	3.3	34.2	2.0	Native	Medium
124	*Melaleuca bracteata*	1. Long	A1	6.0	113.1	2.4	Native	Medium
125	*Elaeocarpus reticulatus*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
126	*Elaeocarpus reticulatus*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

Image 46: Looking towards tree 122, 123, 124, 125 and 126. Tree 122, 123, 124 and 125 are to be removed to accommodate the proposed access gate. Tree 126 can be retained in a viable condition.

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9.5 Hurlstone Park

9.5.1 **Keir Avenue entry:** The removal of one group of trees and multiple insignificant small weed species will be required for the proposed construction. The following group of trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
G5a	*Acacia spp*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

Image 47: Looking Northwest towards small weed species on the embankment required to be removed to accommodate the development. G5a in the distance.

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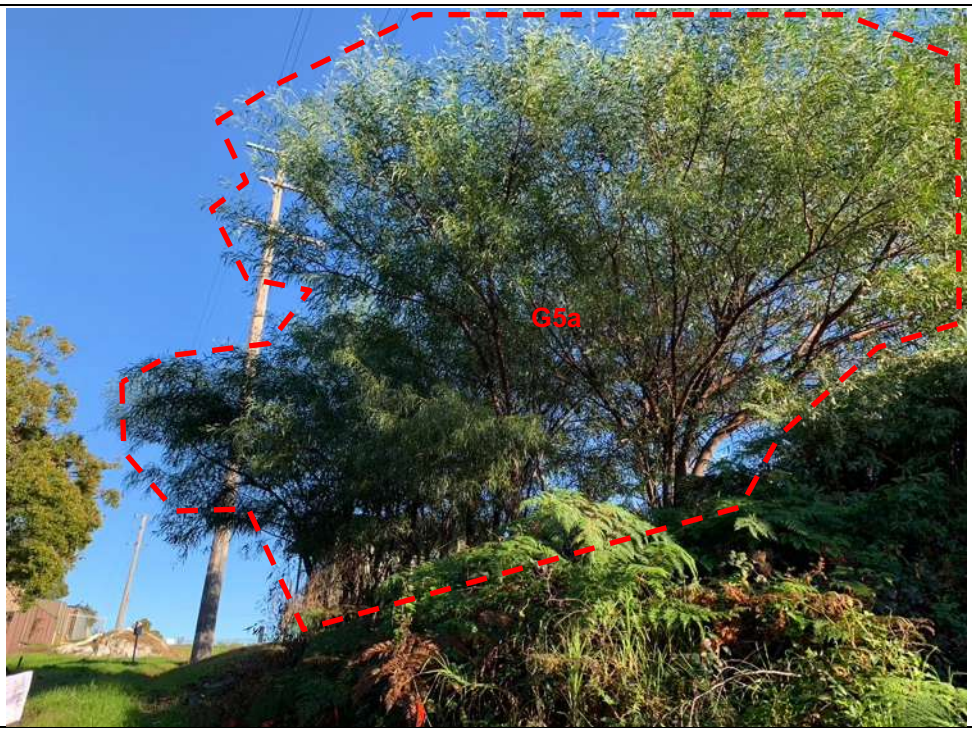

Image 48: Looking Northwest towards G5a required to be removed to accommodate the development.

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9.5.2 **Bridge Melford Street NW Abutment:** The trees within this area are located adjacent to the proposed piling/works area. Tree 2869 and 3456 will be located within the footprint of the proposed works and is to be removed to accommodate the development. Tree 2868 will require canopy pruning to allow for the works – see Image 35. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2868	*Leptospermum petersonii*	2. Medium	A2	3.7	43.0	2.4	Native	Medium
2869	*Acacia spp*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3456	*Glochidion ferdinandi*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low

Image 49: Looking South towards tree 2868 and 2869. Showing the required pruning for tree 2868. The 200mm first order branch to the East at 1m is to be removed. The yellow line indicates the branch to be removed. The red line indicates the final pruning cut location. The pruning will result in removing approximately 40% of the overall live foliage area. Tree 2869 is recommended for removal due to construction impacts.

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Image 50: Looking towards tree 3456 required to be removed to accommodate the development.

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9.5.3 **Bridge Melford Street NE Abutment:** The trees within this area are located adjacent to the proposed piling/works area. Tree 2872 will be located within the footprint of the proposed works and is to be removed to accommodate the development. Smaller insignificant weed species adjacent to the fence are also to be cleared to accommodate the development. Tree 2870 and 2871 will require canopy pruning to allow for the works – see Image 36. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2870	*Jacaranda mimosifolia*	2. Medium	A1	3.0	28.3	2.0	Native	Medium
2871	*Nerium oleander*	5. Small/Young	Z1	3.0	28.3	1.8	Exotic	Low
2872	*Callistemon viminalis*	4. Remove	Z5	2.6	21.2	1.9	Native	Medium

Image 51: Looking East towards tree 2870, 2871 and 2872. Showing the required pruning for tree 2870 and 2871 (hatched yellow). The South side of the crown of tree 2870 and 2871 is to be reduce by 1m. The pruning will result in removing approximately 10% of the overall live foliage area of each tree. Tree 2872 is recommended for removal due to construction impacts.

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9.5.4 **Bridge Melford Street SW Abutment:** Tree 255, 256 and 257 will require removal to allow for the proposed security fencing. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
256	*Nerium oleander*	5. Small/Young	Z1	4.2	55.4	2.1	Exotic	Low
256	*Nerium oleander*	5. Small/Young	Z1	3.0	28.3	1.8	Exotic	Low
257	*Jacaranda mimosifolia*	2. Medium	A1	4.8	72.4	2.4	Exotic	Medium

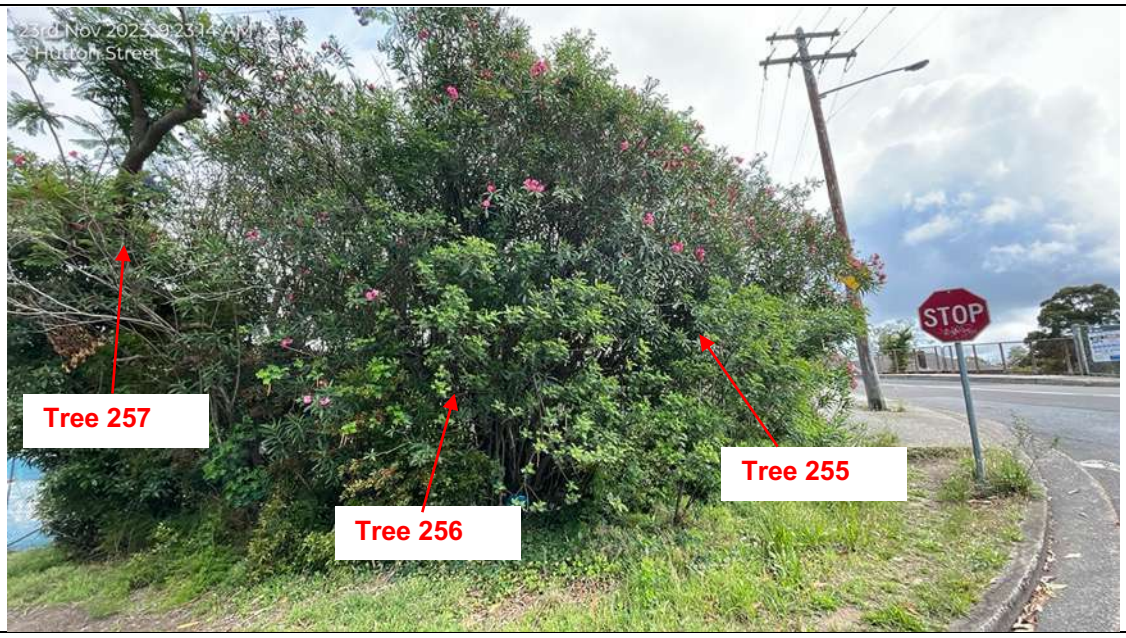

Image 52: Looking towards tree 255, 256 and 257, recommended to be removed to accommodate the security fence installation.

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Image 53: Looking towards tree 255, 256 and 257, recommended to be removed to accommodate the security fence installation.

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9.5.5 **Hutton Street Traction Substation:** Tree 3535, 3536 ND 3537 will require removal to allow for the proposed security fencing. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3535	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3536	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3537	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

Image 54: Looking towards tree 3535, 3536 and 3537, recommended to be removed to accommodate the security fence installation.

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9.5.6 **Church Street NW Abutment:** The trees within this area are located adjacent to the proposed piling/works area. Tree 2817 and 2818 will be located within the footprint of the proposed works and are to be removed to accommodate the development. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2817	*Melaleuca armillaris*	2. Medium	A1	4.3	58.1	2.6	Native	Medium
2818	*Melaleuca armillaris*	3. Short	Z9	3.9	47.8	2.5	Native	Medium

Image 55: Looking towards tree 2817 and 2818. Tree 2817 and 2818 are recommended for removal due to construction impacts.

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9.5.7 **Church Street NW Abutment:** The trees within this area are located adjacent to the proposed piling/works area. Tree 2819, 2820 and 2821 will be located within the footprint of the proposed works and are to be removed to accommodate the development. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2819	*Pittosporum undulatum*	2. Medium	A1	2.0	12.6	1.6	Native	Medium
2820	*Callistemon viminalis*	5. Small/Young	Z1	2.0	12.6	2.0	Native	Low
2820	*Callistemon viminalis*	3. Short	Z9	2.4	18.1	2.1	Native	Low

Image 56: Looking towards tree 2819, 2820 and 2821. The trees are recommended for removal due to construction impacts.

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9.6 Canterbury

9.6.1 **Hutton St Canterbury:** Multiple works areas are proposed within this location for the installation of GST, CSR and additional structures. Tree 287, 288, 289 294, 295, 777, 778, 3383, 3384, 3385, 3386, 3387 and G6 will be in conflict with the works area and are required to be removed. Tree 292 and 293 will not be impacted and do not require pruning. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
287	*Acacia spp*	3. Short	Z9	2.3	16.6	1.7	Native	Low
288	*Glochidion ferdinandi*	3. Short	Z9	5.4	91.6	2.4	Native	Medium
289	*Callistemon viminalis*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
292	*Callistemon viminalis*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
293	*Callistemon viminalis*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
294	*Pittosporum undulatum*	5. Small/Young	Z1	3.0	28.3	1.8	Native	Low
295	*Pittosporum undulatum*	5. Small/Young	Z1	2.4	18.1	1.7	Native	Low
777	*Glochidion ferdinandi*	5. Small/Young	Z1	2.4	18.1	1.8	Native	Low
778	*Glochidion ferdinandi*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
G6	*Glochidion ferdinandi*	3. Short	Z9	2.2	15.2	1.7	Native	Medium
3383	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3384	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3385	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3386	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3387	*Acacia saligna*	5. Small/Young	Z1	2.7	22.9	2.4	Native	Low

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Image 57: Looking towards trees 287, 288 and 289, recommended for removal due to development impacts from the proposed works area.

Image 58: Showing trees within G6. Tree 294, 295, 777 and 778 are also located within this area.

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Image 59: Looking towards trees 3383, 3384, 3385, 3386 and 3387, recommended for removal due to development impacts from the proposed works area.

9.6.2 **Lillian St/Carrington St:** The proposed development works in this area are required to install services and use area for movement of construction plant and equipment laydown. There are no trees or vegetation within this area. Insignificant small or weed species are to be removed adjacent to the works area.

Image 60: An image of the area of proposed works. There are no significant trees or vegetation within this area.

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9.6.3 **Canterbury Bowls Club:** Multiple trees within this area are located adjacent to work areas. A combination of tree removal and pruning will be required. Thirteen trees will be located within the footprint of the proposed works/demolition areas and are to be removed to accommodate the development, including tree CC19, CC20, CC37, CC43a, CC43b, CC44, CC46, CC47, CC48, CC63, CC63a, CC63b and CC63c. Smaller insignificant weed species adjacent to the boundary fence are also to be cleared to accommodate the development. Twenty-three trees will require canopy pruning to allow for the works, including tree CC9, CC17, CC18, CC21, CC22, CC23, CC24, CC25, CC27, CC28, CC29, CC31, CC38, CC39, CC40, CC41, CC42, CC43, CC54a, CC61, CC61a, CC62 and 3381 – see Images below. Three additional trees will not be impacted by the development works and will require protecting, including tree CC26, CC30 and CC60. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
CC9	*Casuarina glauca*	1. Long	A1	5.6	98.5	2.6	Native	High
CC17	*Lophostemon confertus*	1. Long	A1	13.4	564.1	3.2	Native	High
CC18	*Lophostemon confertus*	1. Long	A1	9.6	289.5	3.1	Native	High
CC19	*Lophostemon confertus*	1. Long	A1	10.2	326.9	3.2	Native	High
CC20	*Lophostemon confertus*	1. Long	A1	9.6	289.5	3.1	Native	High
CC21	*Lophostemon confertus*	1. Long	A1	8.6	232.4	3.0	Native	High
CC22	*Lophostemon confertus*	1. Long	A1	8.4	221.7	2.9	Native	High
CC23	*Lophostemon confertus*	1. Long	A1	6.7	141.0	2.8	Native	High
CC24	*Lophostemon confertus*	1. Long	A1	7.8	191.1	2.9	Native	High
CC25	*Lophostemon confertus*	1. Long	A1	7.2	162.9	2.8	Native	High
CC26	*Dracaena draco*	2. Medium	A1	4.8	72.4	2.3	Exotic	Medium
CC27	*Ficus spp*	1. Long	A1	3.6	40.7	2.4	Native	High
CC28	*Ficus benjamina*	1. Long	A1	9.6	289.5	3.1	Exotic	High
CC29	*Morus spp*	2. Medium	Z3	4.8	72.4	2.4	Exotic	Low
CC30	*Syagrus romanzoffiana*	2. Medium	Z3	3.0	28.3	NA	Exotic	Low
CC31	*Cotoneaster spp*	5. Small/Young	Z1	6.0	113.1	2.5	Exotic	Low
CC37	*Cupressus torulosa*	3. Short	Z10	6.0	113.1	2.5	Exotic	Medium
CC38	*Cupressus torulosa*	3. Short	Z10	6.0	113.1	2.5	Exotic	Medium
CC39	*Cupressus torulosa*	3. Short	Z10	6.0	113.1	2.5	Exotic	Medium

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Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
CC40	*Cupressus torulosa*	3. Short	Z10	6.0	113.1	2.5	Exotic	Medium
CC41	*Cupressus torulosa*	3. Short	Z10	6.0	113.1	2.5	Exotic	Medium
CC42	*Cupressus torulosa*	3. Short	Z10	6.0	113.1	2.5	Exotic	Medium
CC43	*Cupressus torulosa*	3. Short	Z10	6.0	113.1	2.5	Exotic	Medium
CC43a	*Celtis sinensis*	5. Small/Young	Z3	2.4	18.1	1.7	Exotic	Very Low
CC43b	*Camellia japonica*	5. Small/Young	Z1	1.8	10.2	1.5	Exotic	Very Low
CC44	*Cupressus torulosa*	3. Short	Z10	7.2	162.9	2.8	Exotic	Medium
CC46	*Cupressus torulosa*	3. Short	Z10	6.0	113.1	2.5	Exotic	Medium
CC47	*Pittosporum undulatum*	5. Small/Young	Z1	4.8	72.4	2.3	Native	Low
CC48	*Cupressus torulosa*	1. Long	A1	7.0	153.9	2.7	Exotic	Medium
CC54a	*Cinnamomum camphora*	5. Small/Young	Z3	2.9	26.4	1.9	Exotic	Low
CC60	*Eucalyptus spp*	1. Long	A1	7.2	162.9	2.8	Native	High
CC61	*Cinnamomum camphora*	1. Long	A1	18.0	1017.9	4.0	Exotic	Medium
CC61a	*Lagunaria patersonia*	5. Small/Young	Z1	2.4	18.1	1.7	Native	Low
CC62	*Cupressus torulosa*	1. Long	A1	7.2	162.9	2.7	Exotic	Medium
CC63	*Leptospermum petersonii*	3. Short	Z10	4.3	58.1	2.4	Native	Medium
CC63a	*Ligustrum lucidum*	5. Small/Young	Z3	2.2	15.2	1.7	Exotic	Very Low
CC63b	*Cinnamomum camphora*	5. Small/Young	Z1	2.0	12.6	1.7	Exotic	Very Low
CC63c	*Casuarina glauca*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Very Low
3381	*Casuarina glauca*	2. Medium	Z10	4.4	60.8	2.2	Native	Medium

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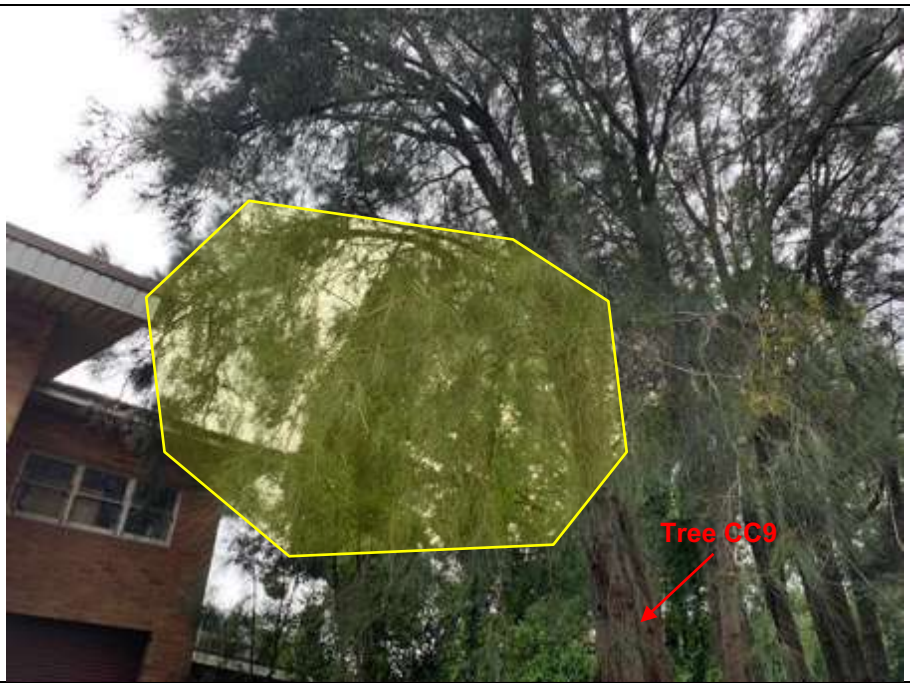

Image 61: Looking towards tree CC9 showing the required canopy pruning (hatched yellow). The West side of the canopy of the Western most tree is to be crown raised to 10m. The pruning will result in the removal of less than 10% of the live foliage area of each tree. The finished cut diameter must not exceed 150mm.

Image 62: Showing trees CC25 and 3381, the area highlighted yellow requires branches/foliage to be removed to accommodate the services. Tree CC25 requires crown lifting to 8m to the South East of the crown, approximately 10% of the crown will be removed, the maximum final diameter pruning of 80mm. Tree 3381 requires crown lifting to 5m to the North West of the crown, approximately 5-10% of the crown will be removed, the maximum final diameter pruning of 25mm.

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Image 63: Looking towards tree CC17 and CC18, showing the required pruning. The yellow lines indicate the branches to be removed. The red lines indicate the final pruning cut locations. The pruning will result in the removal of less than 10% of the live foliage area of each tree.

Image 64: Looking towards tree CC19-CC25. Tree CC19 and CC20 are to be removed. Showing the required canopy pruning for tree CC21, CC22, CC23, CC24 and CC25(hatched yellow). The North side of the canopy of each tree is to be crown raised to 8m. The pruning will result in the removal of less than 10% of the live foliage area of each tree. The finished cut diameter must not exceed 150mm.

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Image 65: Looking towards tree CC26. No development impacts – to be retained and protected.

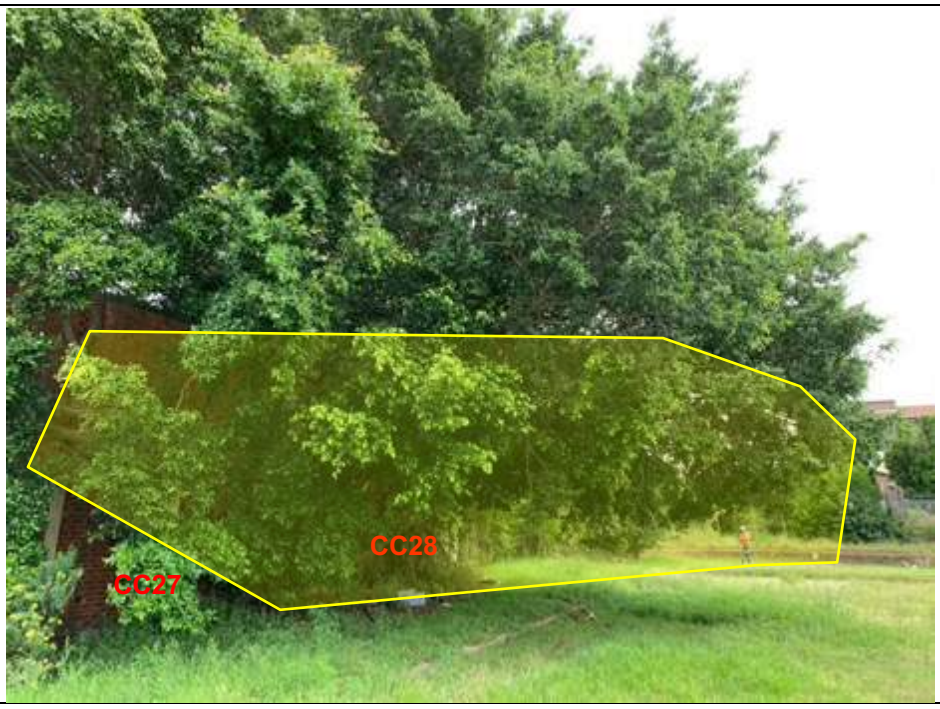

Image 66: Looking towards tree CC27 and CC28. Showing the required canopy pruning (hatched yellow). The East side of the canopy of each tree is to be crown raised to 5m. The pruning will result in the removal of less than 10% of the live foliage area of each tree. The finished cut diameter must not exceed 200mm.

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Image 67: Looking towards tree CC29 and CC30. Showing the required canopy pruning for tree CC29 (hatched yellow). The East side of the canopy of the tree is to be crown raised to 5m. The pruning will result in the removal of less than 10% of the live foliage area of each tree. The finished cut diameter must not exceed 500mm. No canopy pruning is required for tree CC30.

Image 68: Looking towards tree CC31. Showing the required canopy pruning for the trees (hatched yellow). The East side of the canopy of the tree is to be crown raised to 3.5m. The pruning will result in the removal of less than 10% of the live foliage area of each tree. The finished cut diameter must not exceed 100mm.

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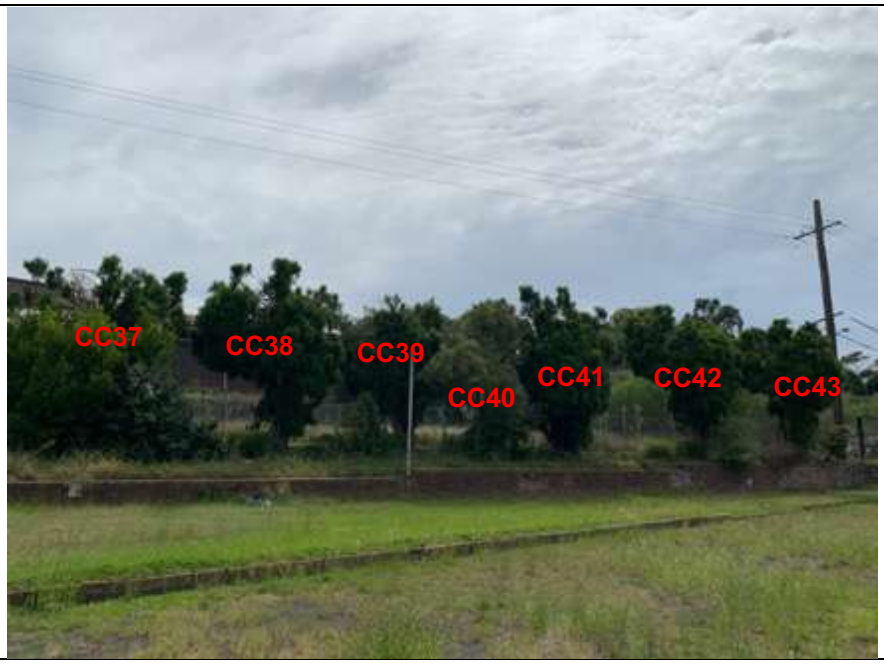

Image 69: Looking towards tree CC37 - CC43. Tree CC37 is recommended for removal due to development impacts. Two pruning options have been proposed for the remaining trees: Option 1 - The North side of the canopy of each tree is to be crown raised to 3.5m.
Option 2 - The South side of the canopy of each tree is to be crown raised to 3m.
Both options will have similar impacts to the trees. Finished cut diameter must not exceed 150mm.

Image 70: Looking towards tree CC43a. Tree CC43a is recommended for removal due to development impacts from proposed fence.

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Image 71: Looking towards tree CC43b. Tree CC43b is recommended for removal due to development impacts from proposed fence.

Image 72: Looking towards tree CC44 and CC46. Tree CC44 and CC46 are recommended for removal due to development impacts from proposed fence.

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Image 73: Looking towards tree CC47. Tree CC47 is recommended for removal due to development impacts from proposed fence.

Image 74: Insignificant Small weed species to be removed adjacent to the fence.

Image 75: Looking towards tree CC48. Tree CC48 is recommended for removal due to development impacts from proposed fence.

Image 76: Insignificant small weed species to be removed adjacent to the fence.

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Image 77: Looking towards tree CC54a. Showing the required canopy pruning for the tree (hatched yellow). The West side of the lower canopy of the tree is to be crown reduced by 1m. The pruning will result in the removal of less than 5% of the live foliage area of each tree. The finished cut diameter must not exceed 80mm.

Image 78: Looking towards tree CC61a. Showing the required canopy pruning for the tree (hatched yellow). The North side of the lower canopy of the tree is to be crown reduced by 1m. The pruning will result in the removal of less than 5% of the live foliage area of each tree. The finished cut diameter must not exceed 80mm.

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Image 79: Looking towards tree CC60. No development impacts – to be retained and protected.

Image 80: Looking towards tree CC61. Showing the required canopy pruning for the tree (hatched yellow). The North side of the canopy of the tree is to be crown raised by 5m. The pruning will result in the removal of less than 5% of the live foliage area of each tree. The finished cut diameter must not exceed 100mm.

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Image 81: Looking towards tree CC62. Showing the required canopy pruning for the tree (hatched yellow). The North side of the canopy of the tree is to be crown raised by 5m. The pruning will result in the removal of less than 5% of the live foliage area of each tree. The finished cut diameter must not exceed 100mm.

Image 82: Looking towards tree CC63. Tree CC63 is recommended for removal due to development impacts from the demolition works.

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Image 83: Looking towards tree CC63a, CC63b and CC63c. The trees are recommended for removal due to development impacts from the demolition works.

Image 84: Looking towards insignificant small weed species adjacent to the building – to be removed to accommodate the demolition works.

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9.6.4 **Canterbury Compound and Path:** Multiple trees within this area are located adjacent to work areas. A combination of tree removal and pruning will be required. Tree 305, 3464, 3465 and G29 will be located within the footprint of the proposed works/demolition areas and is to be removed to accommodate the development. Smaller insignificant weed species adjacent to the proposed path are also to be cleared to accommodate the development. Tree 3467, 3468, 3469, 3470 and 3471 will require canopy pruning to allow for the works. Tree 3466 will not be impacted by the works and is to be retained. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
305	*Acacia spp*	4. Remove	Z4	4.1	98.5	2.2	Native	Low
3464	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3465	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3466	*Acacia saligna*	4. Remove	Z4	2.0	12.6	1.5	Native	Low
3467	*Thuja orientalis*	2. Medium	A1	3.0	28.3	1.8	Exotic	Medium
3468	*Thuja orientalis*	2. Medium	A1	3.0	28.3	1.8	Exotic	Medium
3469	*Thuja orientalis*	2. Medium	A1	3.0	28.3	1.8	Exotic	Medium
3470	*Callistemon viminalis*	3. Short	Z4	4.0	50.3	2.1	Native	Medium
3471	*Cinnamomum camphora*	1. Long	Z3	3.0	28.3	1.8	Exotic	Low
G29	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

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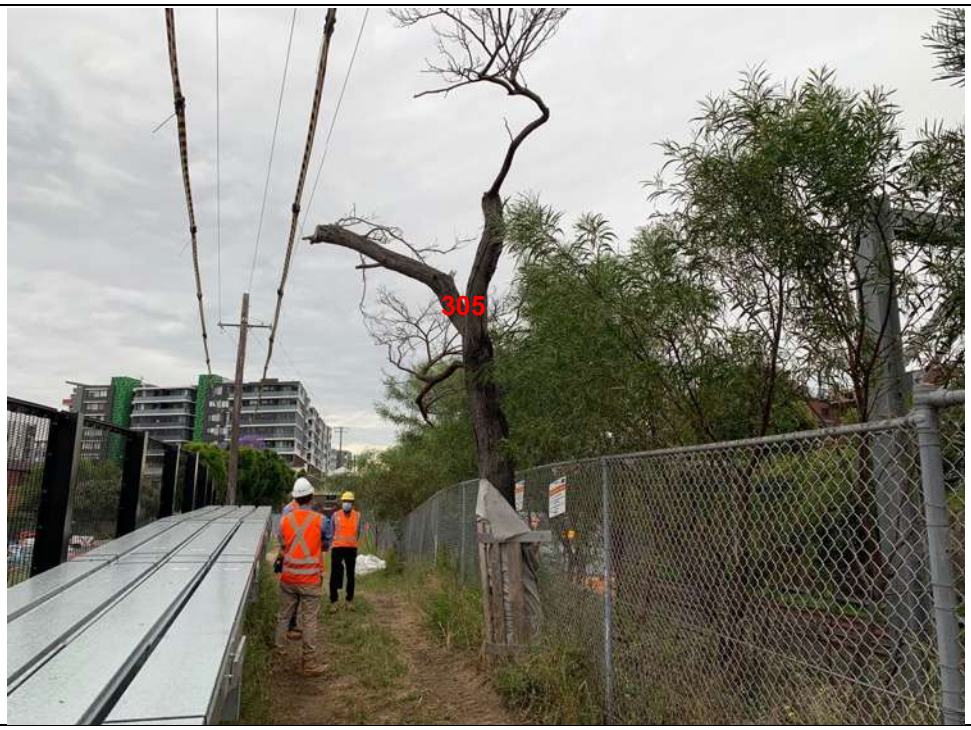

Image 85: Looking towards tree 305, recommended for removal due to development impacts.

Image 86: Looking towards tree 3464 and 3465. Recommended for removal due to development impacts.

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Image 87: Looking towards tree 3466. The tree will not be impacted by the proposed development and can be retained in a viable condition.

Image 88: Looking towards tree G29 (approximately 20 trees). Recommended for removal due to development impacts.

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Image 89: Looking towards tree 3467, 3468 and 3469, showing the required canopy pruning (hatched yellow). The West side of the canopy of is to be crown raised to 3m above ground height. The pruning will result in the removal of less than 10% of the live foliage area of each tree. The finished cut diameter must not exceed 80mm. The pruning must not exceed the live growth points, ensuring new foliage can continue to grow from the pruning locations.

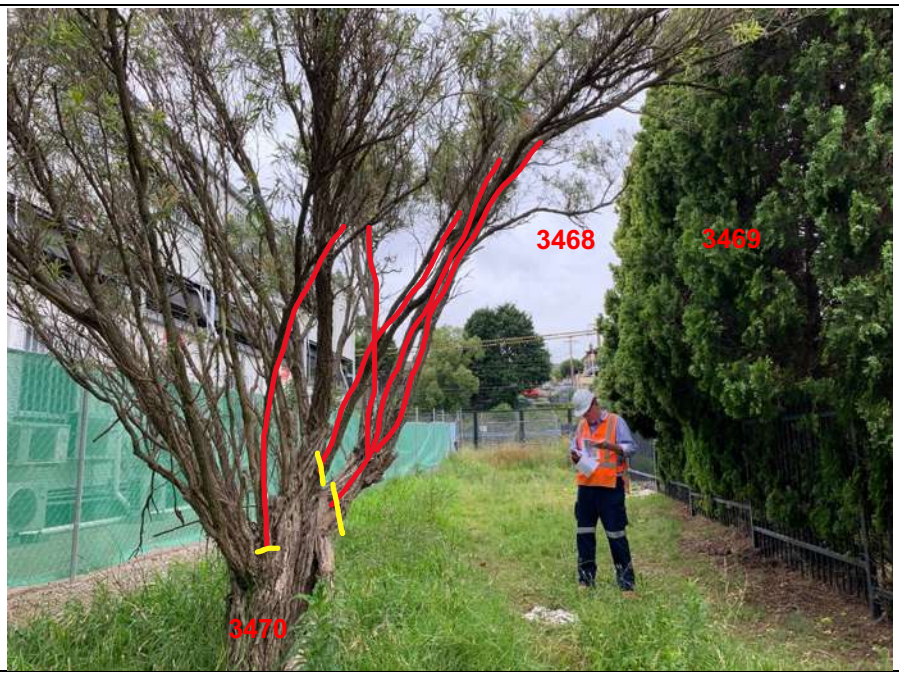

Image 90: Looking towards tree 3470, showing the required branches to be removed on the East side of the tree (final pruning cuts marked yellow). The pruning will result in the removal of 15-20% of the live foliage area of the tree.

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Image 91: Looking towards tree 347`, showing the required canopy pruning (hatched yellow). The East side of the canopy of is to be crown raised to 3m above ground height. The pruning will result in the removal of less than 10% of the live foliage area of the tree. The finished cut diameter must not exceed 80mm.

Image 92: Looking towards the small weed species to be removed to accommodate the works area.

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9.6.5 **Canterbury Station ((South side – top of pedestrian path):** The tree within this area is located directly adjacent to the proposed GLT trenching and installation. The proposed trench is to be completed within the SRZ, indicating the stability of the tree will be impacted. Therefore, the tree is to be removed to accommodate the development. The following tree has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3295	*Acacia spp*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

Image 93: Looking South towards tree 3295. The tree is recommended for removal due to construction impacts from the proposed GLT trench (dashed red).

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9.6.6 **Canterbury Station (South side – bottom of pedestrian path):** The tree within this area is located directly adjacent to the proposed GLT trenching and installation. The proposed trench is to be completed within the SRZ, indicating the stability of the tree will be impacted. Therefore, the tree is to be removed to accommodate the development. The following tree has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
605	*Callistemon viminalis*	2. Medium	A1	2.9	26.4	2.8	Native	Medium

Image 94: Looking South towards tree 3295. The tree is recommended for removal due to construction impacts from the proposed GLT trench (dashed red).

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9.7 Campsie

9.7.1 **Campsie South Parade, Wairoa Street Bridge and Hi-rail Pad:** Tree 409, 410, 414 and 415 will require canopy pruning to allow for security fence installation. Tree 3538, 3539 and 3540 will require removal to allow for security fence installation. Insignificant small weed species will also require removal to allow for the security fencing. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
409	*Triadica sebifera*	2. Medium	A2	3.8	45.4	2.4	Exotic	Medium
410	*Triadica sebifera*	2. Medium	A2	5.0	78.5	2.3	Exotic	Medium
414	*Lagunaria patersonia*	2. Medium	A2	4.1	52.8	2.3	Exotic	Medium
415	*Melaleuca quinquenervia*	3. Short	Z10	9.6	289.5	3.1	Native	High
3538	*Grevillea robusta*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
3539	*Liquidambar styraciflua*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Low
3540	*Liquidambar styraciflua*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Low

Image 95: Looking towards tree 409 and 410 showing the required pruning (hatched yellow). The canopy of each tree is to be reduced to allow for the installation of the security fencing. The pruning will result in the removal of approximately 10-15% of the live foliage area of each tree. The pruning will not significantly impact the trees.

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Image 96: Looking towards tree 414 and 415 showing the required pruning (hatched yellow). The canopy of each tree is to be reduced to allow for the installation of the security fencing. The pruning will result in the removal of approximately 10-15% of the live foliage area of each tree. The pruning will not significantly impact the trees.

Image 97: Looking towards tree 3538 and 3539, recommended to be removed to accommodate the security fence installation. The small weed species (*Ligustrum lucidum*) will also require removal.

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Image 98: Looking towards tree 3540, recommended to be removed to accommodate the security fence installation.

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9.7.2 **Campsie South Parade, Duke Street Bridge and Lillian Lane:** The trees within this area are located adjacent to multiple proposed works areas. Tree 539, 540 and 542 will required pruning to accommodate the proposed security fencing. Tree 498, 543 and 3541 will be in conflict with the works area and are required to be removed. Additional insignificant small weed species and groups of small insignificant multi stemmed *Acacia spp* (that do not meet the definition of a tree) are also to be removed adjacent to the works areas. Tree 503, 508, 509, 510 and 782 will not be impacted by the development and can be retained. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
498	*Liquidambar styraciflua*	2. Medium	Z3	6.0	113.1	2.6	Exotic	Low
503	*Casuarina spp*	1. Long	A1	2.6	21.2	1.8	Native	Medium
508	*Acacia parramattensis*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
509	*Acacia spp*	4. Remove	Z4	3.4	36.3	2.0	Native	Low
510	*Acacia parramattensis*	2. Medium	A1	2.2	15.2	1.7	Native	Medium
539	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
540	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
542	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
543	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
782	*Acacia parramattensis*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
3541	*Acacia parramattensis*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low

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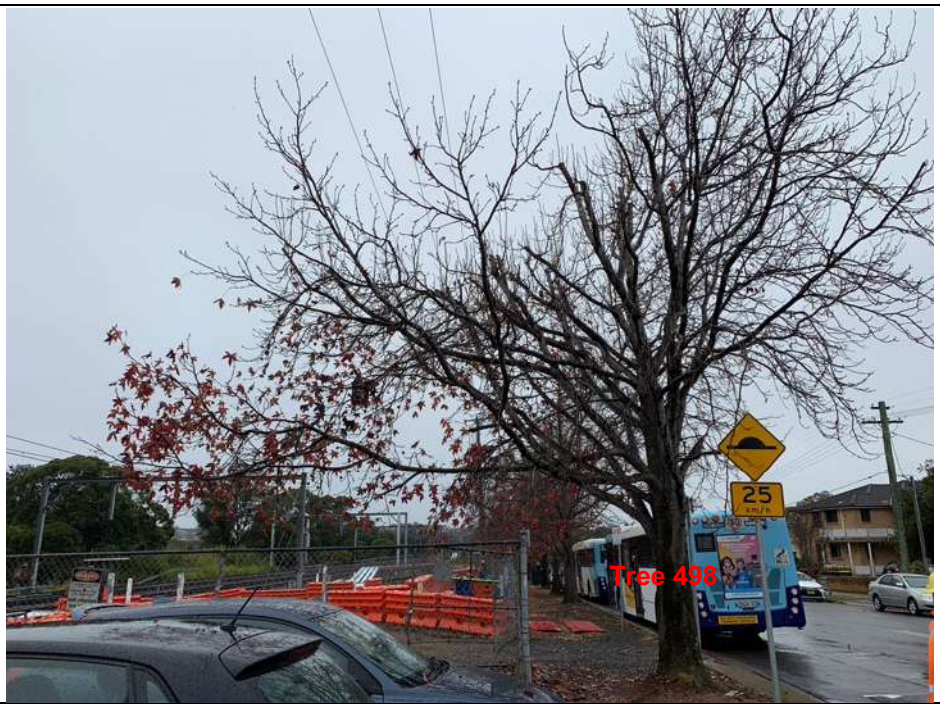

Image 99: Showing tree 498, recommended for removal due to development impacts from the proposed works area and required significant canopy pruning.

Image 100: Showing tree 503 and 782 - to be retained. Also showing general location (shaded yellow) of the insignificant small multi stemmed *Acacia parramattensis* that are to be removed to install the mesh fencing panels.

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Image 101: Showing a close up of the insignificant small multi stemmed *Acacia parramattensis* (shaded yellow) that are to be removed to install the mesh fencing panels. These do not meet the definition of a tree as defined in section 2.1.1.

Image 102: Showing tree 508, 509 and 510. The trees are to be retained.

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Image 103: Looking towards the small weed species to be removed to accommodate the works area.

Image 104: Looking towards tree 539, 540 and 542 showing the required pruning (hatched yellow). The canopy of each tree is to be crown raised to 4m above ground height. The pruning will result in the removal of less than 10% of the live foliage area of the tree. The finished cut diameter must not exceed 80mm. The small regrowth circled red is to be removed.

Image 105: Looking towards tree 543, recommended for removal due to development impacts from the proposed works area

Image 106: Looking towards tree 3541, recommended to be removed to accommodate the security fence installation.

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9.7.3 **Bridge Loch Street SW Abutment SE Abutment and Lilian Lane:** The trees within this area are located adjacent to the proposed piling/works area. Excessive canopy pruning will be required for tree 785. Tree 785 does not have the capacity to tolerate the excessive pruning and is recommended for removal. Tree 788 and 789 will require canopy pruning to provide adequate vehicle clearance. Additional insignificant small weed species are also to be removed adjacent to the works areas. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
785	*Cinnamomum camphora*	3. Short	Z10	10.9	373.3	4.2	Exotic	Medium
788	*Cinnamomum camphora*	3. Short	Z10	11.5	415.5	3.7	Exotic	Medium
789	*Cinnamomum camphora*	3. Short	Z10	10.9	373.3	3.8	Exotic	Medium

Image 107: Looking towards tree 785, the tree is to be removed to accommodate the development.

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Image 108: Looking towards tree 788 showing the required canopy pruning (hatched yellow). The North side of the canopy is to be pruned. The pruning is to provide 4m of clearance below the canopy of the tree. The pruning will result in the removal of less than 10% of the live foliage area of the tree.

Image 109: Looking towards tree 789 showing the required canopy pruning (hatched yellow). The North side of the canopy is to be pruned. The pruning is to provide 4m of clearance below the canopy of the tree. The pruning will result in the removal of less than 10% of the live foliage area of the tree.

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Image 110: Looking towards small weed species to be removed to accommodate the works.

Image 111: Looking towards the small weed species to be removed to accommodate the works.

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Image 112: Looking towards the small weed species to be removed to accommodate the works.

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9.7.4 **Bridge Loch Street NW Abutment:** The tree within this area is located adjacent to the proposed piling/works area and will require canopy pruning to allow for the works. Additional insignificant small weed species are also to be removed adjacent to the piling area. The following tree has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2377	*Callistemon viminalis*	1. Long	A1	4.6	66.5	2.9	Native	High

Image 113: Looking towards tree 2377 showing the required canopy pruning (hatched yellow). The South side of the canopy of is to be reduced by 2m. The pruning will result in the removal of less than 10% of the live foliage area of the tree. The finished cut diameter must not exceed 80mm.

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Image 114: Looking towards the small weed species to be removed to accommodate the piling works.

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9.7.5 **Bridge Loch Street NE Abutment:** The tree within this area is located adjacent to the proposed piling/works area and will require canopy pruning to allow for the works;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2378	*Eucalyptus microcorys*	1. Long	A1	4.0	50.3	2.5	Native	High

Image 115: Looking towards tree 2378. The removal of the lowest primary branch is required to accommodate the proposed piling works. The yellow line indicates the branch to be removed, the red line indicates the approximate location of the final pruning cut.

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9.7.6 **Lilian Street GST and security fencing works:** Within this area, tree 3512 is located adjacent to the proposed GST repair works area and tree 3542 is located adjacent to the proposed security fencing. Tree 3552, 3553, 3554 and 3555 are located within a stockpile of soil that is required to be removed. The removal of the trees will be required to allow for the works. The following trees have been identified in this area:

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3512	*Melaleuca quinquenervia*	5. Small/young	Z1	2.0	12.6	1.6	Native	Low
3542	*Acacia saligna*	3. Short	Z4	2.2	15.2	1.7	Native	Low
3552	*Acacia saligna*	3. Short	Z10	4.1	52.8	2.2	Native	Medium
3553	*Acacia saligna*	3. Short	Z10	2.0	12.6	1.6	Native	Low
3554	*Acacia saligna*	3. Short	Z10	2.6	21.2	1.8	Native	Low
3555	*Acacia saligna*	2. Medium	Z10	2.0	12.6	1.5	Native	Low

Image 116: Looking towards tree 3512. The removal of the tree is required to accommodate the proposed GST repair works.

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Image 117: Looking towards tree 3542, recommended to be removed to accommodate the security fence installation.

Image 118: Looking towards tree 3552, 3553, 2554 and 3555, recommended to be removed to accommodate the removal of the existing stockpile (shown in the foreground).

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9.8 Belmore

9.8.1 **Belmore Triangle East:** Tree 3556 within this area is located adjacent to the proposed stockpiling and laydown area and will require removal to allow for the works. Additional insignificant small weed species/ground cover within this area is located adjacent to a new access road, stockpiling and laydown area and are to be removed to allow for the works. Additional insignificant small regrowth is to be pruned for vehicle access. The following tree has been identified in this area:

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3556	*Casuarina glauca*	1. Long	A1	3.4	36.3	2.1	Native	Medium

Image 119: Looking towards tree 3556, recommended to be removed to accommodate the proposed stockpiling and laydown area.

Image 120: Showing small weed species to be removed for the proposed works area.

Image 121: Showing small weed species to be removed for the proposed works area.

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Image 122: Showing small weed species to be removed for the proposed works area.

Image 123: Showing small insignificant species to be pruned for vehicle clearance. The South side of the canopies are to be reduced by 1.5m (hatched yellow). The final pruning cuts must not exceed 50mm.

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9.8.2 **Belmore Triangle West:** The trees within this area are located adjacent to a local CSR/works area and are to be removed to allow for the works. The following trees have been identified within this area:

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2313	*Pittosporum undulatum*	3. Short	Z10	3.0	28.3	2.3	Native	Medium
2314	*Platanus x hispanica*	2. Medium	A1	2.4	18.1	1.7	Exotic	Medium
2315	*Platanus x hispanica*	2. Medium	A1	2.6	21.2	1.8	Exotic	Medium
2316	*Platanus x hispanica*	3. Short	Z10	2.0	12.6	2.0	Exotic	Medium
2317	*Platanus x hispanica*	1. Long	A1	6.6	136.8	2.7	Exotic	Medium
2318	*Platanus x hispanica*	2. Medium	A1	4.3	58.1	2.5	Exotic	Medium
2319	*Ligustrum lucidum*	5. Small/Young	Z3	2.0	12.6	1.7	Exotic	Very Low
2320	*Ligustrum lucidum*	5. Small/Young	Z3	2.4	18.1	1.7	Exotic	Very Low
2321	*Jacaranda mimosifolia*	5. Small/Young	Z1	3.6	40.7	2.0	Exotic	Low
2322	*Cinnamomum camphora*	2. Medium	Z3	14.4	651.4	3.6	Exotic	Low
2323	*Bambusa spp*	5. Small/Young	Z3	3.0	28.3	NA	Exotic	Very Low
2324	*Acacia longifolia*	5. Small/Young	Z1	2.4	18.1	1.8	Native	Low
2325	*Acacia longifolia*	2. Medium	A1	3.6	40.7	2.1	Native	Medium
2326	*Acacia longifolia*	5. Small/Young	Z1	2.4	18.1	1.7	Native	Low
2327	*Acacia longifolia*	2. Medium	A1	3.1	30.2	2.0	Native	Medium
2328	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
G24	*Mixed species*	2. Medium	Z3	2.4	18.1	1.8	Exotic	Very Low

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Image 124: Looking towards tree 2313 – 2328. The trees are to be removed to accommodate the works.

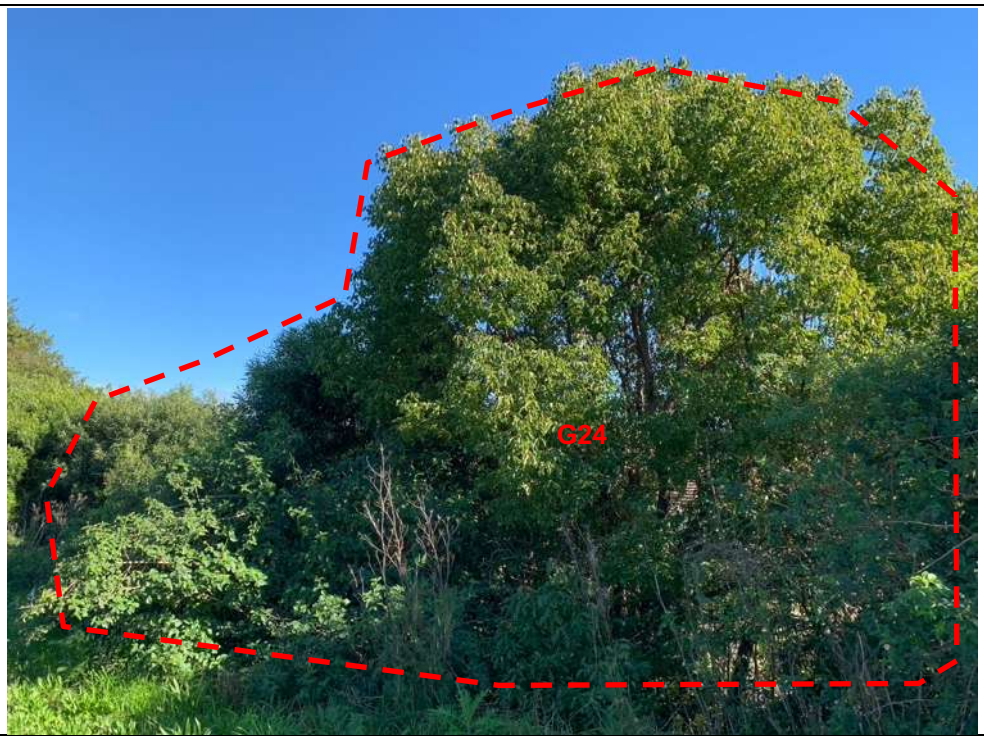

Image 125: Looking towards G24. The trees within the Western side of G24 are to be removed to accommodate the proposed local CSR.

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9.8.3 **Bridge Belmore Pedestrian underpass and Redman Parade Access to Belmore:** Tree 2301, 2302, 2303, 2319, 2320 and 2321 will require canopy pruning to allow for the security fencing. Trees 2296, 2304, 2305, 2306, 2307 and 2308 within this area are located adjacent to the proposed works area and are to be removed to allow for the construction. Additional insignificant small weed species and new regrowth are also to be removed adjacent to the piling area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2296	*Acacia longifolia*	3. Short	Z9	3.0	28.3	2.0	Native	Medium
2301	*Callistemon viminalis*	2. Medium	A1	2.6	21.2	1.8	Native	Medium
2302	*Callistemon viminalis*	1. Long	A1	5.2	84.9	2.5	Native	Medium
2303	*Callistemon viminalis*	1. Long	A1	5.7	102.1	2.7	Native	Medium
2304	*Acacia longifolia*	2. Medium	A1	2.4	18.1	1.8	Native	Medium
2305	*Cinnamomum camphora*	2. Medium	Z3	4.8	72.4	2.3	Exotic	Low
2306	*Callistemon viminalis*	1. Long	A1	4.2	55.4	2.3	Native	High
2307	*Callistemon viminalis*	2. Medium	A1	3.6	40.7	2.1	Native	Medium
2308	*Callistemon viminalis*	1. Long	A1	5.2	84.9	2.4	Native	High

Image 126: Looking towards tree 2296. The tree has recently been damaged by passing machinery and is required for removal to accommodate the proposed works area.

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Image 127: Looking towards tree 2304 – 2308. The trees are to be removed to accommodate the piling works.

Image 128: Looking towards the small weed species to be removed to accommodate the piling works.

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Image 129: Looking towards the small weed species to be removed to accommodate the piling works.

Image 130: Looking towards tree 2302 and 2303 showing the required pruning (hatched yellow). Crown lifting to a height of 4m to provide clearance for the proposed security fencing will be required. The required pruning will remove approximately 10-15% of the foliage area of each tree and the final pruning cut diameter will not exceed 100mm.

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Image 131: Looking towards tree 2301. The removal of the lowest primary branch is required to accommodate the proposed security fencing. The yellow line indicates the branch to be removed, the red line indicates the approximate location of the final pruning cut.

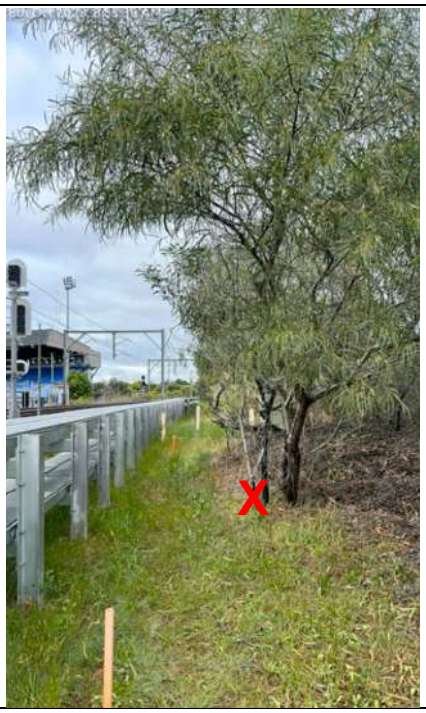

Image 132: Looking towards the new regrowth that is to be removed to accommodate the proposed security fencing.

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Image 133: Looking towards tree 2319, 2320 and 2321 showing the required pruning (hatched yellow). Crown lifting to a height of 4m to provide clearance for the proposed security fencing will be required. The required pruning will remove approximately 10-15% of the foliage area of each tree and the final pruning cut diameter will not exceed 80mm.

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9.8.4 **Belmore Station (South side opposite to Station Pde and Oxford St):** The trees within this area are located adjacent to the new protection screens/works area. Tree 911, 912, 913, 914, 915, 916 and 917 will require canopy pruning to allow for the works. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
911	*Melaleuca quinquenervia*	1. Long	A1	6.0	113.1	2.6	Native	High
912	*Syzygium spp*	1. Long	A1	2.4	18.1	1.8	Native	Medium
913	*Callistemon viminalis*	1. Long	A1	2.4	18.1	1.8	Native	Medium
914	*Melaleuca quinquenervia*	1. Long	A1	4.3	58.1	2.3	Native	Medium
915	*Acacia spp*	2. Medium	A1	3.0	28.3	2.0	Native	Medium
916	*Eucalyptus spp*	1. Long	A1	4.8	72.4	2.4	Native	Medium
917	*Banksia integrifolia*	1. Long	A1	2.4	18.1	1.8	Native	Medium

Image 134: An image of tree 911-917. All seven of these trees require crown lifting to a height of 4m, to provide 500-1000mm clearance between the existing fence and crown. This pruning will require removing regrowth foliage from previous pruning to clear the existing fence. The required pruning will remove less than 10% of the foliage each tree and the final pruning cut diameter will not exceed 100mm.

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9.8.5 **Belmore (South side of tracks - Bridge Road):** The trees within this area are located within the footprint or directly adjacent to the proposed security fencing and/or service trenching and will require removal to allow for works. Additional small weed species/vegetation are also to be removed or pruned adjacent to the fencing or service trenching. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3521	*Casuarina glauca*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3522	*Casuarina glauca*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
3523	*Melaleuca quinquenervia*	3. Short	Z10	2.7	22.9	2.0	Native	Low
3524	*Acacia spp*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3525	*Acacia spp*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3543	*Acacia saligna*	2. Medium	Z10	2.2	15.2	2.0	Native	Medium

Image 135: Looking towards tree 3521 and 3522. The trees are recommended for removal due to the proposed security fence construction.

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Image 136: Looking towards tree 3523. The tree is recommended for removal due to the proposed security fence construction.

Image 137: Looking towards tree 3524 and 3525. The trees are recommended for removal due to the proposed security fence construction.

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Image 138: Looking towards tree 3543. The tree is recommended for removal to allow for the installation of a proposed services route which requires excavations of 800mm depth. Smaller insignificant vegetation is also to be removed or pruned adjacent to the works.

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9.8.6 **Belmore (South side Lillian Lane and Loftus Street):** The trees within this area are located adjacent to the access points for the HV pit excavation and removal of the existing hi-rail ramp. Tree 797, 798, 799, 800, 801, 802 and 803 will require canopy pruning to allow for vehicle access. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
797	*Casuarina cunninghamiana*	2. Medium	A1	7.0	153.9	2.8	Native	Medium
798	*Casuarina cunninghamiana*	2. Medium	A1	7.2	162.9	2.8	Native	Medium
799	*Casuarina cunninghamiana*	2. Medium	A1	4.3	58.1	2.3	Native	Medium
800	*Casuarina cunninghamiana*	2. Medium	A1	5.6	98.5	2.6	Native	Medium
801	*Casuarina cunninghamiana*	2. Medium	Z10	6.6	136.8	2.8	Native	Medium
802	*Casuarina cunninghamiana*	2. Medium	A1	7.8	191.1	2.9	Native	Medium
803	*Casuarina cunninghamiana*	2. Medium	A1	8.3	216.4	3.0	Native	High

Image 139: Looking towards tree 797-803 showing the required pruning (hatched yellow). The Northwest side of the canopy of each tree is to be crown raised by 5m. Only epicormic growth is required to be removed. The pruning will result in the removal of less than 5% of the live crown of each tree.

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9.9 Lakemba

9.9.1 **Moreton Street bridge:** The insignificant small weed species/regrowth/ground cover within this area is located adjacent to a new CSR/retaining wall/works area and are to be removed to allow for the works. No *vegetation* or trees have been identified for pruning or removal within this area.

Image 140: Showing insignificant small regrowth to be removed for the proposed works area.

Image 141: Showing insignificant small regrowth to be removed for the proposed works area.

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Image 142: Showing insignificant small species/regrowth to be removed for the proposed works area.

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9.9.2 **Bridge Moreton Street NW Abutment:** The tree within this area is located adjacent to the proposed piling/works area and will require canopy pruning to allow for the works. Additional small weed species/vegetation is also to be removed adjacent to the piling area. The following tree has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2163	*Lophostemon confertus*	1. Long	A1	9.6	289.5	3.2	Native	Very High

Image 143: Looking towards tree 2163 showing the required canopy pruning (hatched yellow). The North side of the canopy is to be crown raised by 4.5m. The pruning will result in the removal of 15% of the live foliage area of the tree. The finished cut diameter must not exceed 120mm.

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9.9.3 **Lakemba Station (East side – down track and carpark):** Tree 950, 951, 961 and 2129 in this area require crown pruning to allow for heavy vehicle access and security fencing works. Tree 3434 – 3452 are located within the footprint of the proposed fence construction and are required to be removed. Insignificant small regrowth is also to be removed to allow for the works. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
950	*Lophostemon confertus*	1. Long	A1	4.3	58.6	2.4	Native	Medium
951	*Lophostemon confertus*	1. Long	A1	4.8	72.4	2.3	Native	Medium
2129	*Lophostemon confertus*	1. Long	A1	5.4	91.6	2.4	Native	High
3434	*Acacia saligna*	5. Small/Young	Z1	3.0	28.3	1.9	Native	Low
3435	*Acacia saligna*	5. Small/Young	Z1	2.2	15.2	1.6	Native	Low
3436	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
3437	*Acacia saligna*	3. Short	Z10	3.6	40.7	2.4	Native	Low
3438	*Acacia saligna*	1. Long	A1	3.1	30.2	2.0	Native	Medium
3439	*Acacia saligna*	5. Small/Young	Z1	2.4	18.1	1.8	Native	Low
3440	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3441	*Acacia saligna*	4. Remove	Z4	2.0	12.6	1.6	Native	Low
3442	*Acacia saligna*	3. Short	Z10	3.2	32.2	2.1	Native	Medium
3443	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3444	*Acacia saligna*	5. Small/Young	Z1	2.3	16.6	1.8	Native	Low
3445	*Acacia saligna*	5. Small/Young	Z1	2.4	18.1	1.8	Native	Low
3446	*Acacia saligna*	3. Short	Z4	2.9	26.4	1.8	Native	Low
3447	*Acacia saligna*	3. Short	Z4	2.0	12.6	1.8	Native	Low
3448	*Acacia saligna*	5. Small/Young	Z1	2.3	16.6	1.8	Native	Low
3449	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
3450	*Acacia saligna*	5. Small/Young	Z1	2.2	15.2	2.1	Native	Low
3451	*Acacia saligna*	4. Remove	Z4	2.4	18.1	1.8	Native	Low
3452	*Acacia saligna*	5. Small/Young	Z1	3.0	28.3	1.9	Native	Low

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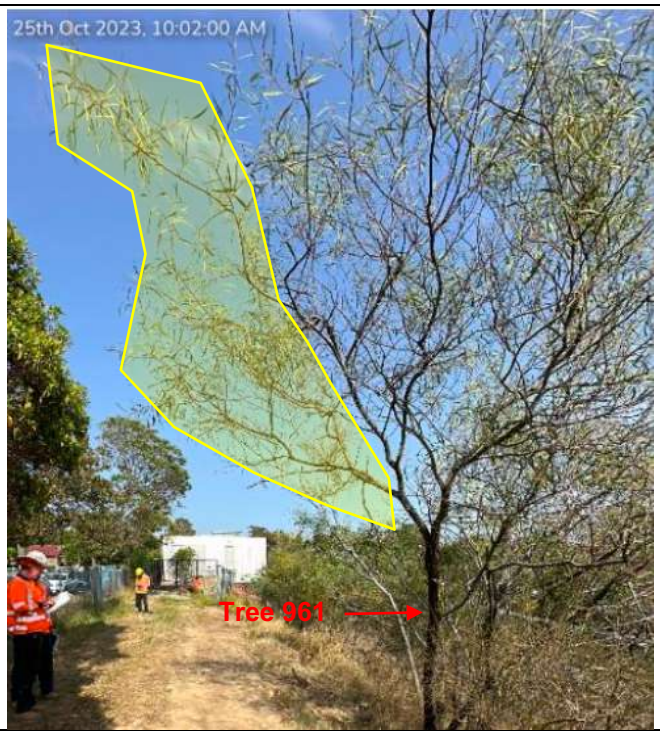

Image 144: Looking towards tree 961 showing required pruning for security fencing (hatched yellow). The pruning will result in removing 10% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter.

Image 145: Looking North towards tree 950 and 951 showing required pruning for vehicle access (hatched yellow). The pruning will result in removing less than 5% of the overall live foliage area of each tree. Final pruning cuts should not exceed 50mm in diameter.

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Image 146: Looking towards tree 2129 showing required pruning (hatched yellow). The South side of the crown is to be raised to 4m. The pruning will result in removing less than 10% of the overall live foliage area of the tree. Final pruning cuts should not exceed 120mm in diameter.

Image 147: Showing insignificant small regrowth to be removed for the proposed CSR.

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Image 148: Looking towards trees 3434 - 3452, recommended for removal due to development impacts from the proposed fence construction/works area.

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9.9.4 **Lakemba Station (East side – continued):** Tree 3477, 3481, 3482, 3485, 3486, 3487, 3489, 3490 and 3491 in this area require crown pruning to allow access for piling machinery. Tree 3476, 3478, 3479, 3480, 3483, 3484, and selective trees within G30 are located within the footprint of the proposed CSR construction and are required to be removed. Insignificant small regrowth is also to be removed to allow for the works. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3476	*Acacia saligna*	5. Small/Young	Z1	2.9	26.4	1.8	Native	Medium
3477	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	2.3	Native	Medium
3478	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	High
3479	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3480	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3481	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3482	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3483	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Medium
3484	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3485	*Acacia saligna*	4. Remove	Z4	2.4	18.1	1.9	Native	Low
3486	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
3487	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Medium
3488	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3489	*Pittosporum undulatum*	5. Small/Young	Z1	2.4	18.1	1.7	Native	Low
3490	*Acacia prominens*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3491	*Acacia prominens*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
G30	*Mixed species*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

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Image 149: Looking towards tree 3476. The tree recommended for removal due to excessive canopy pruning required for the construction. The removal of more than 50% of the live foliage area will be required.

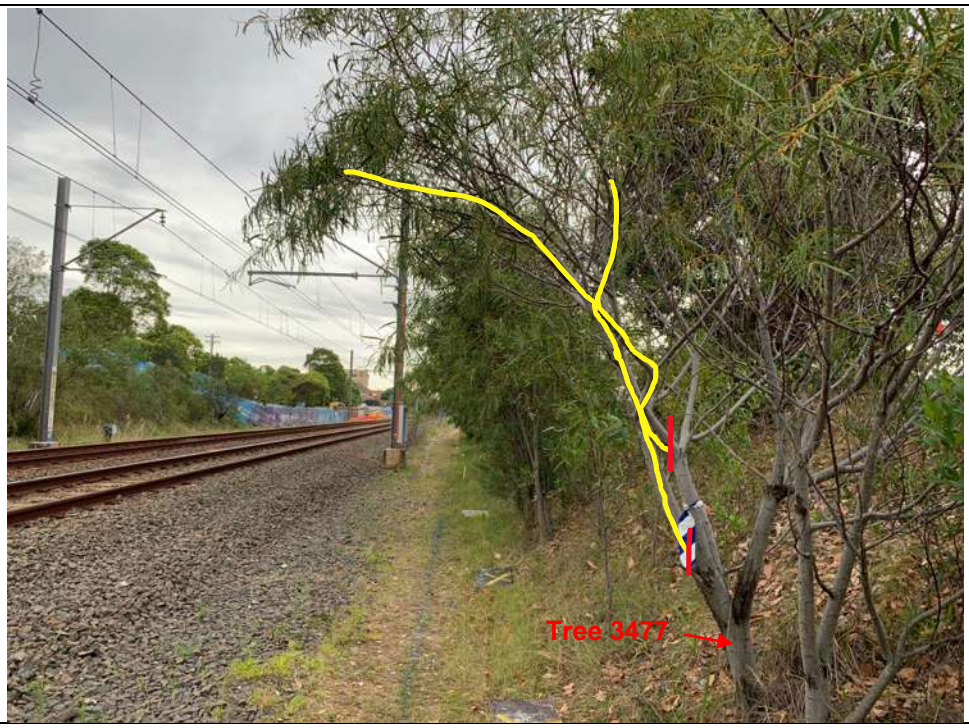

Image 150: Looking towards tree 3476. The pruning of two branches will be required to accommodate the proposed construction. The pruning will result in the removal of 20-25% of the live foliage area, which is considered significant pruning, however, it is a preferred option to tree removal.

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Image 151: Looking towards tree 3478, 3479 and 3480. The trees are recommended for removal due to excessive canopy pruning required for the construction. The removal of more than 50% of the live foliage area of each tree will be required.

Image 152: Looking towards tree 3481. The pruning of one branch will be required to accommodate the proposed construction. The pruning will result in the removal of 20% of the live foliage area, which is considered significant pruning, however, it is a preferred option to tree removal.

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Image 153: Looking towards tree 3482 and 3483. The pruning of one branch will be required for tree 3482. The pruning will result in the removal of 20% of the live foliage area, which is considered significant pruning, however, it is a preferred option to tree removal. Tree 3483 is recommended for removal due to excessive canopy pruning, more than 50% of the live foliage area will be removed.

Image 154: Looking towards tree 3484. The tree is recommended for removal due to excessive canopy pruning, 100% of the live foliage area will be removed.

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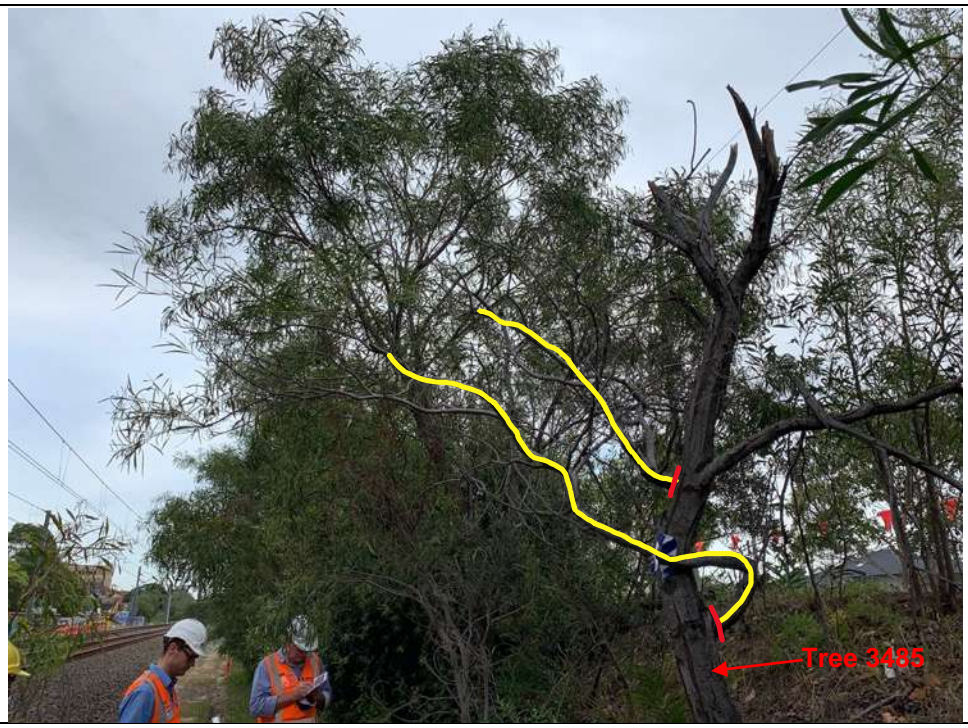

Image 155: Looking towards tree 3485. The pruning of two branches will be required to accommodate the proposed construction. The tree is dead and the pruning will not impact

Image 156: Looking towards tree 3486. The South side of the canopy is to be crown raised to a height of 4m to accommodate the proposed construction. The pruning will result in the removal of less than 10% of the live foliage area.

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Image 157: Insignificant small weed species (African Olive) to be removed to accommodate the development.

Image 158: Looking towards tree 3487. The South side of the canopy is to be reduced by 1.5m to accommodate the proposed construction. The pruning will result in the removal of 15% of the live foliage area.

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Image 159: Looking towards tree 3488. The South side of the canopy is to be reduced by 1m to accommodate the proposed construction. The pruning will result in the removal of 25% of the live foliage area, which is considered significant pruning, however, it is a preferred option to tree removal.

Image 160: Insignificant small weed species (Canary Island Date Palm). The lowest fronds are to be removed to accommodate the development.

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Image 161: Looking towards tree 3489. The South side of the canopy is to be reduced by 1m to accommodate the proposed construction. The pruning will result in the removal of 15% of the live foliage area.

Image 162: Looking towards tree 3490. The South side of the canopy is to be reduced by 1m to accommodate the proposed construction. The pruning will result in the removal of 10% of the live foliage area.

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Image 163: Looking towards tree 3491. The South side of the canopy is to be reduced by 1m to accommodate the proposed construction. The pruning will result in the removal of 10% of the live foliage area.

Image 164: Looking towards G30. G30 is predominantly made up of small vegetation that does not meet the definition of a tree as defined in the scope. The removal of selective items of vegetation/trees within G30 will be required to accommodate the works.

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9.9.5 **Lakemba Station adjacent to Canterbury Community Centre:** Tree 2099, 2100, 2101, 2102, 2105, 2106, 2107 and 2108 require crown pruning to allow access for heavy machinery. Twelve selected trees within G23 are located within the footprint of the proposed CSR construction and are required to be removed. Insignificant small regrowth and weeds are also to be removed to allow for the works. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2099	*Lophostemon confertus*	5. Small/Young	Z1	2.4	18.1	1.8	Native	Low
2100	*Lophostemon confertus*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
2101	*Lophostemon confertus*	1. Long	A1	2.4	18.1	1.8	Native	Medium
2102	*Lophostemon confertus*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
2105	*Lophostemon confertus*	1. Long	A1	3.7	43.0	2.1	Native	Medium
2106	*Lophostemon confertus*	1. Long	A1	4.6	66.5	2.3	Native	Medium
2107	*Lophostemon confertus*	2. Medium	A2	3.7	43.0	2.2	Native	Medium
2108	*Lophostemon confertus*	2. Medium	A2	4.0	50.3	2.2	Native	Medium
G23	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low

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Image 165: Looking towards tree 2099. The South side of the canopy is to be reduced by 1.5m. The pruning will result in the removal of 15-20% of the live foliage area. Maximum finished cut diameters must not exceed 80mm.

Image 166: Looking towards tree 2100. The South side of the canopy is to be reduced by 2m. The pruning will result in the removal of 10-15% of the live foliage area. Maximum finished cut diameters must not exceed 50mm.

Image 167: Looking towards tree 2101. The South side of the canopy is to be reduced by 1.5m. The pruning will result in the removal of 10% of the live foliage area. Maximum finished cut diameters must not exceed 50mm.

Image 168: Looking towards tree 2102. The South side of the canopy is to be reduced by 1m. The pruning will result in the removal of 10% of the live foliage area. Maximum finished cut diameters must not exceed 40mm.

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Image 169: Looking towards tree 2105. The South side of the canopy is to be reduced by 1.5m. The pruning will result in the removal of 10% of the live foliage area. Maximum finished cut diameters must not exceed 50mm.

Image 170: Looking towards tree 2106. The South side of the canopy is to be reduced by 1.5m. The pruning will result in the removal of 10-15% of the live foliage area. Maximum finished cut diameters must not exceed 80mm.

Image 171: Looking towards tree 2107. The South side of the canopy is to be reduced by 1m. The pruning will result in the removal of 10% of the live foliage area. Maximum finished cut diameters must not exceed 50mm.

Image 172: Looking towards tree 2108. The South side of the canopy is to be reduced by 1m. The pruning will result in the removal of 10% of the live foliage area. Maximum finished cut diameters must not exceed 40mm.

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Image 173: Looking towards G23, individual trees that require removal have been marked with a red 'X'. Weed species also to be removed.

Image 174: Looking towards G23, individual trees that require removal have been marked with a red 'X'.

Image 175: Looking towards G23, individual trees that require removal have been marked with a red 'X'.

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Image 176: Looking towards G23, individual trees that require removal have been marked with a red 'X'.

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9.9.6 **Lakemba Station (North side):** The trees within this area are located directly adjacent to the proposed services trench. The proposed trench is to be completed within the SRZ, indicating the stability of the trees will be impacted. Therefore, the trees are to be removed to accommodate the development. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
680	*Corymbia citriodora*	1. Long	A1	4.4	60.8	2.4	Native	High
681	*Lophostemon confertus*	1. Long	A1	7.9	196.1	2.9	Native	High

Image 177: Looking South towards tree 680 and 681. The trees are recommended for removal due to construction impacts from the proposed services trench (dashed red).

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9.9.7 **Lakemba Station (North side):** The trees within this area are located directly adjacent to the proposed services trench. The proposed trench is to be completed within the SRZ, indicating the stability of the trees will be impacted. Therefore, the trees are to be removed to accommodate the development. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3277	*Eucalyptus microcorys*	1. Long	A1	2.4	18.1	1.8	Native	Medium
3278	*Lophostemon confertus*	1. Long	A1	4.8	72.4	2.4	Native	High
3279	*Eucalyptus microcorys*	1. Long	A1	6.6	136.8	2.9	Native	High
3280	*Lophostemon confertus*	3. Short	Z10	6.1	116.9	2.7	Native	High
3281	*Eucalyptus microcorys*	1. Long	A1	7.0	153.9	2.9	Native	High
3282	*Eucalyptus microcorys*	1. Long	A1	8.9	248.8	3.1	Native	High

Image 178: Looking Southwest towards tree 3277, 3278, 3279, 3280, 3281 and 3282. The trees are recommended for removal due to construction impacts from the proposed services trench (dashed red).

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The Trusted Name in Tree Management

9.9.8 **RW21 Near Lakemba South Side:** The trees within this area are located adjacent to the proposed retaining wall/works area and will require canopy pruning to allow for the works. Additional insignificant small weed species are also to be removed adjacent to the works area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
987	*Schinus molle*	1. Long	A1	9.6	289.5	3.2	Exotic	Medium
989	*Schinus molle*	1. Long	A1	13.2	547.4	3.6	Exotic	High

Image 179: Looking towards tree 987 showing the required canopy pruning (hatched yellow). The South side of the canopy of is to be crown raised by 4m. The pruning will result in the removal of less than 10% of the live foliage area of the tree. The finished cut diameter must not exceed 120mm.

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Image 180: Looking towards tree 989 showing the required canopy pruning (hatched yellow). The South side of the canopy of is to be crown raised by 4m. The pruning will result in the removal of less than 10% of the live foliage area of the tree. The finished cut diameter must not exceed 500mm.

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9.9.9 **Lakemba – The Boulevarde:** The trees within this area are located adjacent to the proposed security fencing. Tree 1046, 1060, 1063, 1064, 1065, 1066, 1067, 1069, 1070 and 1071 will require canopy pruning to accommodate the works. Tree 1047, 1049, 1051, 1052, 1061, 1072, 1073, G31 and G31a will be significantly impacted by the proposed works and are required to be removed. Additional insignificant small weed species are also to be removed adjacent to the works area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1046	*Afrocarpus falcatus*	1. Long	A1	7.0	153.9	2.7	Exotic	High
1047	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1049	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
1051	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1052	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1060	*Lophostemon confertus*	1. Long	A1	5.6	98.5	2.6	Native	High
1061	*Lophostemon confertus*	2. Medium	A2	8.9	248.8	3.0	Native	High
1063	*Lophostemon confertus*	2. Medium	A2	6.2	120.8	2.7	Native	High
1064	*Auranticarpa rhombifolia*	2. Medium	A2	3.6	40.7	2.0	Native	Medium
1065	*Auranticarpa rhombifolia*	2. Medium	A2	3.0	28.3	1.8	Native	Medium
1066	*Auranticarpa rhombifolia*	2. Medium	A1	3.0	28.3	2.0	Native	Medium
1067	*Melaleuca styphelioides*	1. Long	A1	8.5	227.0	3.4	Native	High
1069	*Auranticarpa rhombifolia*	2. Medium	A1	3.1	30.2	2.1	Native	Medium
1070	*Jacaranda mimosifolia*	2. Medium	A2	3.0	28.3	2.0	Exotic	Medium
1071	*Lophostemon confertus*	1. Long	A1	7.9	196.1	2.9	Native	High
1072	*Acacia longifolia*	4. Remove	Z4	2.4	18.1	1.8	Native	Low
1073	*Acacia longifolia*	2. Medium	A1	3.6	40.7	2.0	Native	Medium
G31	*Acacia saligna*	5. Small/Young	Z1	2.4	18.1	1.8	Native	Low
G31a	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low

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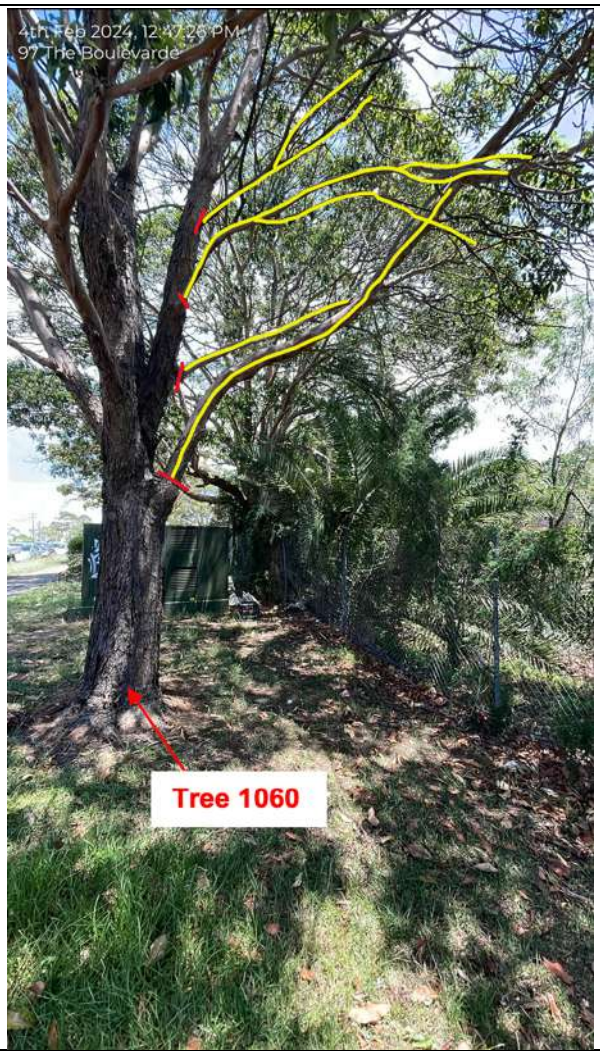	
Image 181: Looking towards tree 1060 showing the required canopy pruning. The North side of the canopy of is to be crown raised by 5m. One first order branch and three second order branches require pruning. The pruning will result in the removal of 10-15% of the live foliage area of the tree and is considered acceptable	**Image 182:** Showing tree 1061, recommended for removal due to development impacts from the proposed security fencing.

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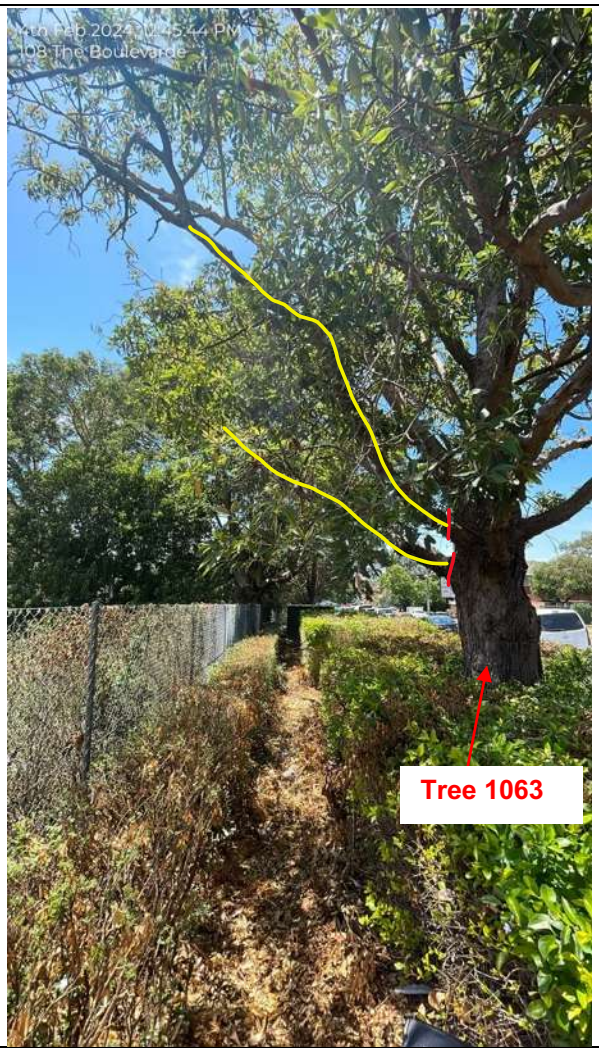

Image 183: Looking towards tree 1063 showing the required canopy pruning. The North side of the canopy of is to be crown raised by 5m. Two first order branches require pruning. The pruning will result in the removal of 10% of the live foliage area of the tree and is considered acceptable.

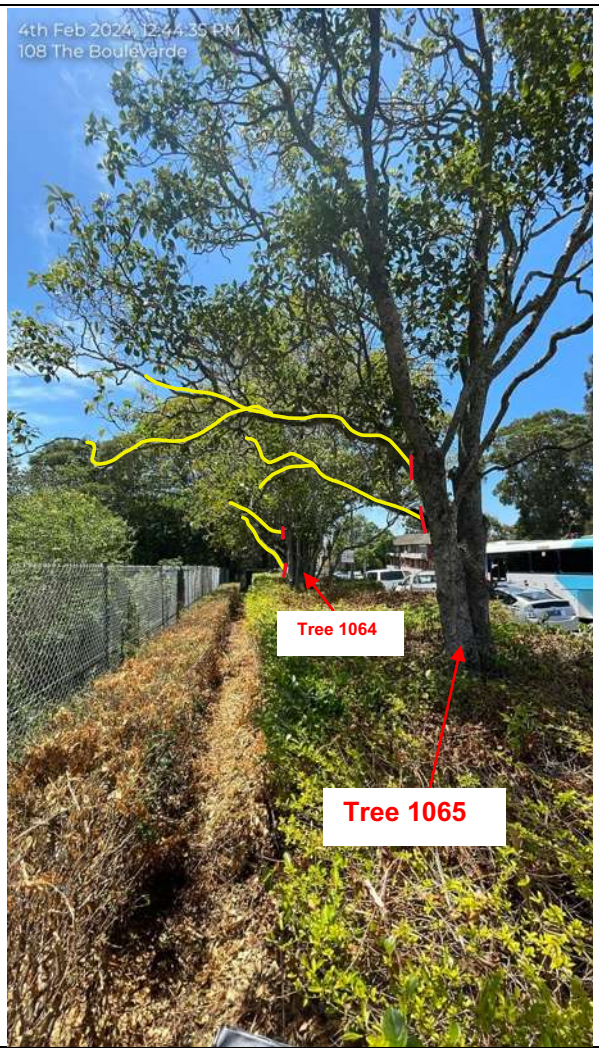

Image 184: Looking towards tree 1064 and 1065 showing the required canopy pruning. The North side of the canopy of each tree is to be crown raised by 5m. Two first order branches from each tree will require pruning. The pruning will result in the removal of 10% of the live foliage area of each tree and is considered acceptable.

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Image 185: Looking towards tree 1066 showing the required canopy pruning. The North side of the canopy of is to be crown raised by 5m. One stem and one first order branch requires pruning. The pruning will result in the removal of 20-25% of the live foliage area of the tree and is considered significant, however canopy pruning is a preferred option to whole tree removal.

Image 186: Looking towards tree 1067 showing the required canopy pruning. The South side of the canopy of is to be crown raised by 5m. One first order branch and one second order branch require pruning. The pruning will result in the removal of 10-15% of the live foliage area of the tree and is considered acceptable.

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Image 187: Showing insignificant small weed species to be removed.

Image 188: Showing insignificant small weed species to be removed.

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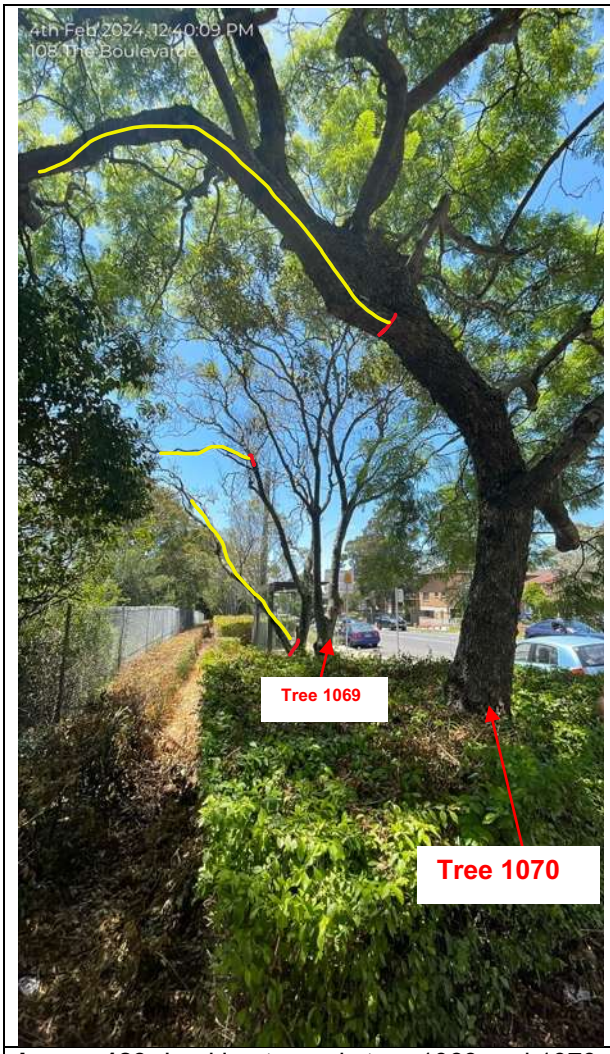

Image 189: Looking towards tree 1069 and 1070 showing the required canopy pruning. The North side of the canopy of each tree is to be crown raised by 5m. One first order branch and one second order branch will require pruning for tree 1069. One first order branch will require pruning for tree 1070. The pruning will result in the removal of 10-15% of the live foliage area of each tree and is considered acceptable.

Image 190: Looking towards tree 1071 showing the required canopy pruning. The North side of the canopy of the tree is to be crown raised by 5m. Three second order branches will require pruning. The pruning will result in the removal of 10-15% of the live foliage area of the tree and is considered acceptable.

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Image 191: Showing tree 1072, recommended for removal due to development impacts from the proposed security fencing.

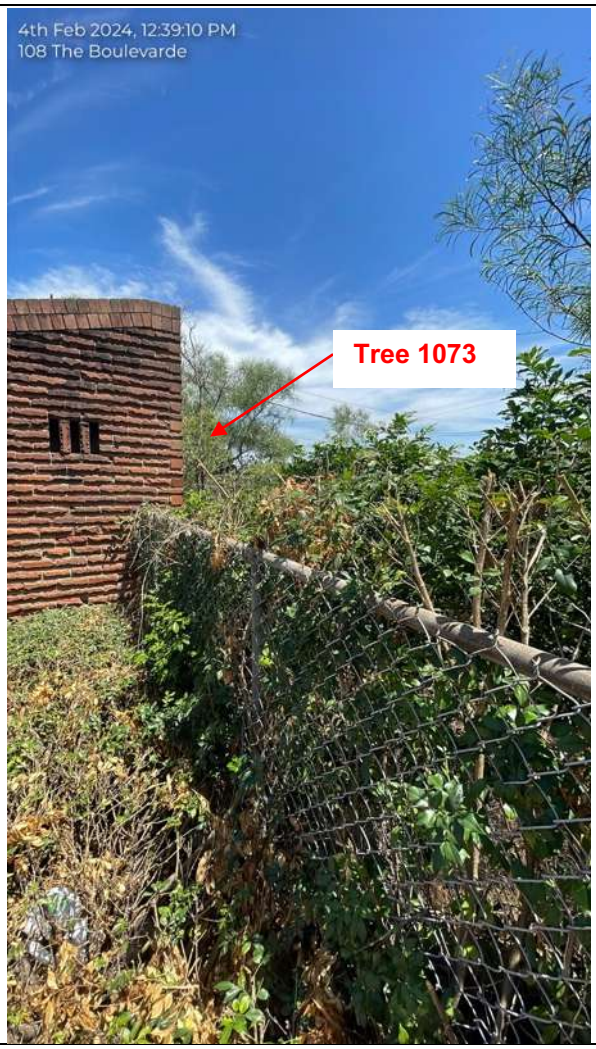

Image 192: Showing tree 1073, recommended for removal due to development impacts from the proposed security fencing.

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Image 193: Showing tree 1047, recommended for removal due to development impacts from the proposed security fencing.

Image 194: Showing tree 1049, recommended for removal due to development impacts from the proposed security fencing.

Image 195: Showing tree 1051, recommended for removal due to development impacts from the proposed security fencing.

Image 196: Showing tree 1052, recommended for removal due to development impacts from the proposed security fencing.

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Image 197: Looking towards tree 1046 showing the required canopy pruning. The Northwest side of the canopy of the tree is to be crown raised by 5m. Two significant first order branches are to be removed. The pruning will result in the removal of 15-20% of the live foliage area of the tree. The pruning is considered significant, but is a preferred option to tree removal.

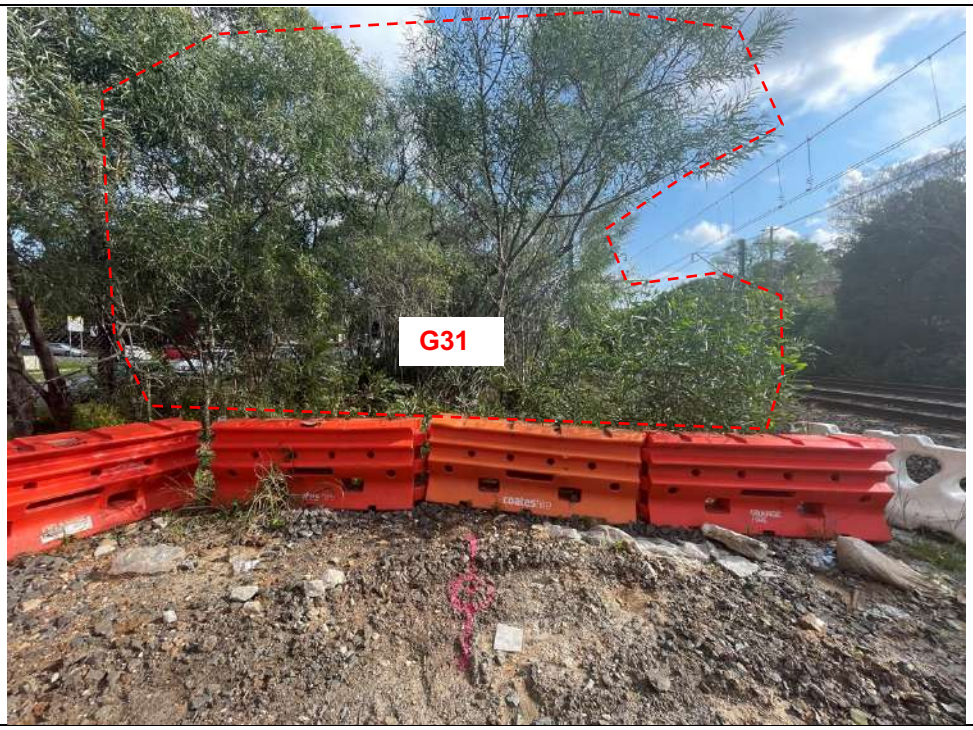

Image 198: Looking towards tree G31 (approximately 14 trees and additional insignificant regrowth). Recommended for removal due to development impacts from the proposed fencing.

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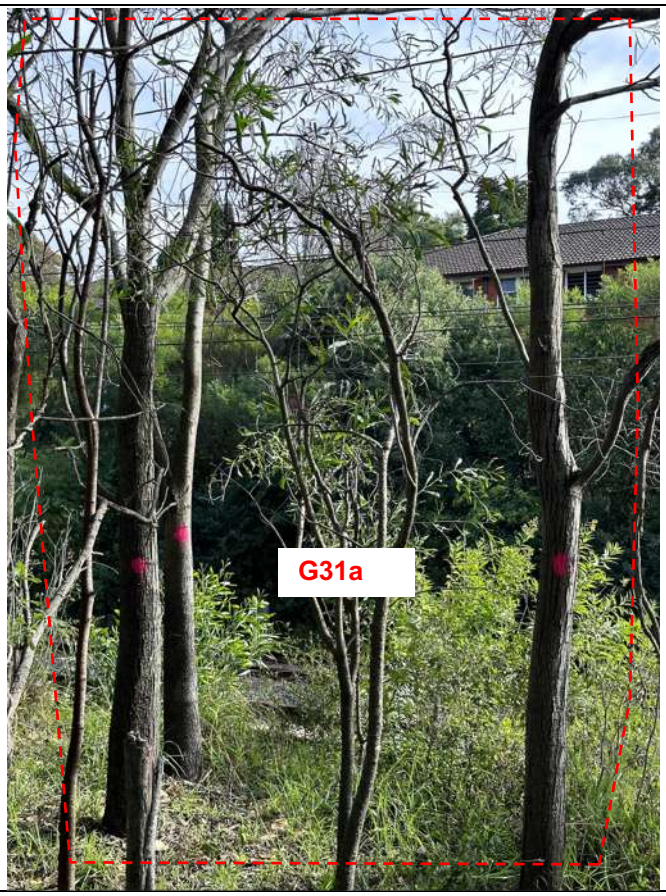

Image 199: Looking towards tree G31a (3 trees with pink spray-paint dots and additional insignificant regrowth). Recommended for removal due to development impacts from the proposed fencing.

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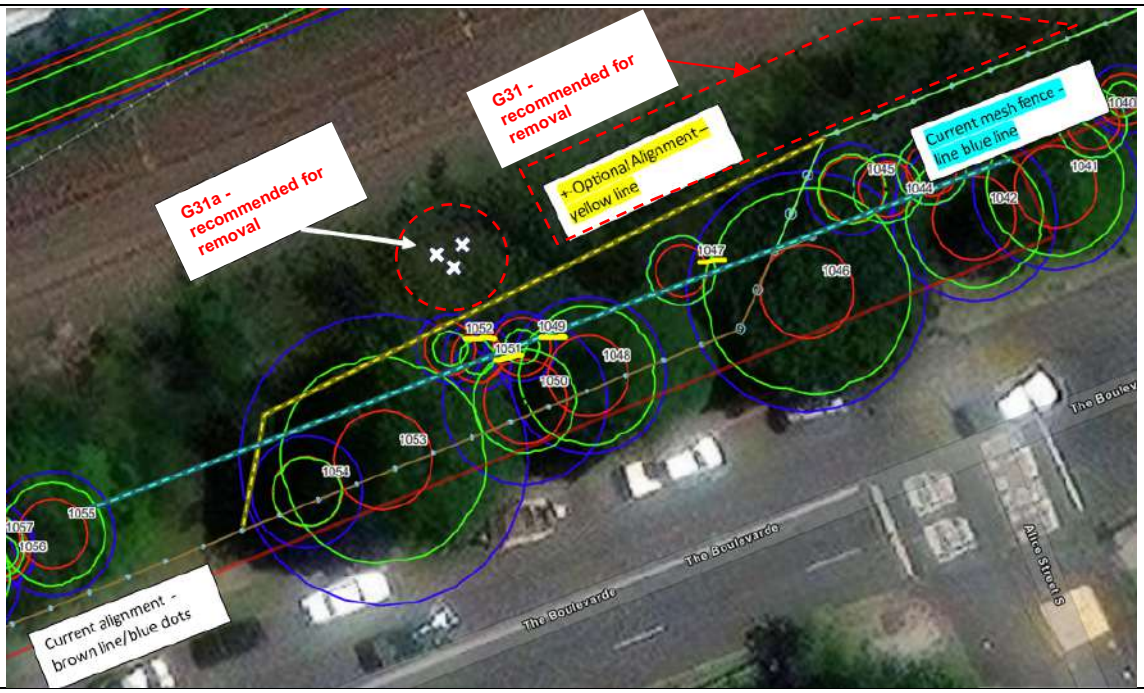

Image 200: Screen shot of site plan provided by JHLOR, showing the approximate location and extent of G31 and G31a. Note the optional fencing alignment (yellow line) which has been proposed to avoid the removal of the signficant trees located within the nature strip, including trees 1048, 1050, 1053 and 1054.

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9.9.10 **RW21 Near Lakemba North Side:** Multiple trees within this area are located adjacent to work areas. A combination of tree removal and pruning will be required. Sixteen trees will be located within the footprint of the proposed works and are to be removed to accommodate the development, including tree 2038, 2041, 2042, 2044, 2046, 2047, 2048, 2049, 2050, 2067, 2075, 2080, 2085, 2096, 2097 and 2098. Additional insignificant small weed species are also to be removed adjacent to the works area. Tree 2040. 2054, 2068, 2071, 2090, 2091, 2093, 2094 and 2095 will require canopy pruning to allow for the works. See Images below. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2038	*Acacia longifolia*	3. Short	Z9	5.4	91.6	2.4	Native	Medium
2040	*Acacia longifolia*	2. Medium	A1	2.8	24.6	1.9	Native	Medium
2041	*Acacia longifolia*	3. Short	Z9	2.5	19.6	1.8	Native	Medium
2042	*Acacia longifolia*	2. Medium	A1	2.9	26.4	1.9	Native	Medium
2044	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
2046	*Acacia longifolia*	2. Medium	A1	2.5	19.6	2.0	Native	Medium
2047	*Acacia spp*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
2048	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
2049	*Acacia spp*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
2050	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
2054	*Lophostemon confertus*	1. Long	A1	7.2	162.9	2.8	Native	High
2067	*Acacia longifolia*	3. Short	Z9	5.4	91.6	2.4	Native	Medium
2068	*Eucalyptus scoparia*	2. Medium	Z3	3.2	32.2	2.1	Native	Low
2071	*Tristaniopsis laurina*	1. Long	A1	3.0	28.3	2.0	Native	Medium
2075	*Cinnamomum camphora*	2. Medium	Z3	6.0	113.1	2.5	Exotic	Medium
2080	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.8	Native	Low
2085	*Acacia longifolia*	2. Medium	A1	3.0	28.3	1.8	Native	Medium
2090	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
2091	*Jacaranda mimosifolia*	1. Long	A1	3.7	43.0	2.1	Exotic	Medium
2093	*Lophostemon confertus*	2. Medium	A1	5.4	91.6	2.5	Native	High
2094	*Tristaniopsis laurina*	1. Long	A1	3.8	45.4	2.1	Native	Medium
2095	*Eucalyptus botryoides*	2. Medium	A1	6.7	141.0	2.7	Native	High
2096	*Schinus molle*	2. Medium	A1	6.7	141.0	2.7	Native	High
2097	*Schinus molle*	3. Short	Z10	4.8	72.4	2.3	Native	Medium
2098	*Triadica sebifera*	2. Medium	A1	6.0	113.1	2.5	Native	Medium

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Image 201: Showing small weed species/vegetation to be removed for the proposed works area.

Image 202: Showing small weed species/vegetation to be removed for the proposed works area.

Image 203: Showing tree 2098, recommended for removal due to development impacts from the proposed works area.

Image 204: Showing tree 2096 and 2097, recommended for removal due to development impacts from the proposed works area.

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Image 205: Showing small weed species/vegetation to be removed for the proposed works area.

Image 206: Looking towards tree 2090 showing the required canopy pruning (hatched yellow). The side of the canopy of is to be reduced by 3m. The pruning will result in the removal of less than 10% of the live foliage area of the tree. The finished cut diameter must not exceed 100mm.

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Image 207: Looking towards tree 2085, recommended for removal due to development impacts from the proposed works area.

Image 208: Looking towards tree 2080, recommended for removal due to development impacts from the proposed works area.

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Image 209: Looking towards tree 2061, 2062, 2065, 2066, 2067, 2070, 2074, 2075, 2077 and 2078. The trees are located behind the fence on the upper embankment and are recommended or removal due to impacts from the proposed CSR. Weed species adjacent to the trees are also to be removed.

Image 210: Showing small weed species/vegetation to be removed for the proposed works area.

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Image 211: Showing small weed species/vegetation to be removed for the proposed works area.

Image 212: Looking towards tree 2047, 2048, 2049 and 2050, recommended for removal due to development impacts from the proposed works area.

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Image 213: Looking towards tree 2044 and 2046, recommended for removal due to development impacts from the proposed works area.

Image 214: Looking towards tree 2041 and 2042, recommended for removal due to development impacts from the proposed works area.

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Image 215: Looking towards tree 2091 showing the required canopy pruning (hatched yellow). The North side of the crown is to be raised by 6m. The pruning will result in the removal of less than 10% of the live foliage area of the tree. The finished cut diameter must not exceed 100mm.

Image 216: Looking up into the canopy of tree 2093, showing required canopy pruning. The second order 120mm branch to the North at 4m is to be removed. The pruning will result in the removal of less than 5% of the overall live canopy.

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Image 217: Looking up into the canopy of tree 2095, showing required canopy pruning. The second order 170mm branch to the North at 4m is to be removed. The pruning will result in the removal of less than 5% of the overall live canopy.

Image 218: Looking up into the canopy of tree 2095, showing required canopy pruning (hatched yellow). The south side of the crown is to be reduced by 1m. The pruning will result in the removal of less than 5% of the overall live canopy.

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Image 219: Looking towards tree 2038, recommended for removal due to development impacts from the proposed works area.

Image 220: Looking towards tree 2068, showing the required canopy pruning. The first order 50mm branch and epicormic regrowth to the South at 2.5m is to be removed. The pruning will result in the removal of less than 5% of the overall live canopy.

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Image 221: Looking towards tree 2071, showing the required canopy pruning. The first order 100mm branch to the South at 0.5m is to be removed. The pruning will result in the removal of approximately 10% of the overall live canopy.

Image 222: Looking towards tree 2094, showing required canopy pruning (hatched yellow). The South side of the crown is to be raised by 5m. Only second and third order branches are to be removed and the final pruning cuts must not exceed 80mm in diameter. The pruning will result in the removal of approximately 10-15% of the overall live canopy.

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Image 223: Showing insignificant, small and multi-stemmed regrowth to be removed.

Image 224: Showing insignificant small weed species (*Ligustrum lucidum*) to be removed.

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Image 225: Showing insignificant small weed species to be removed.

Image 226: Showing insignificant small weed species to be removed.

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Image 227: Looking towards tree 2068, showing the required canopy pruning (hatched yellow). The West and North side of the canopy is to be pruned to allow for the fencing. Final pruning cuts must not exceed 80mm in diameter The pruning will result in the removal of less than 10-20% of the overall live canopy.

Image 228: Looking towards tree 2054, showing the required canopy pruning. The first order 120mm branch to the South at 3.5m is to be removed. The pruning will result in the removal of less than 10% of the overall live canopy.

Appendix B (Part B) – Urban Arbor - Arboricultural Report – Construction Impacts

- Wiley Park to Bankstown

PART B

URBAN ARBOR
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Arboricultural Report:

SWMC Tree Report

Site Location: Southwest Metro - Marrickville, Dulwich Hill, Hurlstone Park, Canterbury, Campsie, Belmore, Lakemba, Wiley Park, Punchbowl and Bankstown, NSW

Prepared for:
John Holland Laing O'Rourke

Prepared by: Bryce Claassens
Urban Arbor Pty Ltd
Date prepared: 3 July 2024
Ref: 240603-SWMC-AIA
Rev: 29

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9.10 Wiley Park

9.10.1 **Alice Street North:** Tree 3457, 3458 and 3459 are located within the footprint or directly adjacent to the proposed CSR and are recommended for removal to accommodate the development. Tree 2005, 2006, 2007, 2008, 3463 and G22 will require canopy pruning to allow for the installation of the GST post and trough. Smaller weed species are also to be removed within this area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
2005	*Triadica sebifera*	2. Medium	A1	3.7	43.0	2.8	Exotic	Medium
2006	*Acacia longifolia*	2. Medium	A1	2.5	19.6	1.8	Native	Medium
2007	*Melaleuca styphelioides*	1. Long	A1	14.4	651.4	3.6	Native	High
2008	*Acacia longifolia*	3. Short	Z4	5.3	88.2	2.4	Native	Medium
3457	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
3458	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
3459	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
3463	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
G22	*Wattle spp*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

Image 229: Looking towards tree 3457, 3458 and 3459, recommended for removal due to development impacts from the proposed CSR.

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Image 230: Looking towards tree 3463, showing required canopy pruning (hatched yellow). The crown is to be reduced to allow for the installation of the GST post/trough. The pruning will result in the removal of 15-20% of the overall live canopy.

Image 231: Looking towards tree 2005, showing required canopy pruning (hatched yellow). The crown is to be raised by 3m to allow for the works. Final pruning cuts should not exceed 50mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

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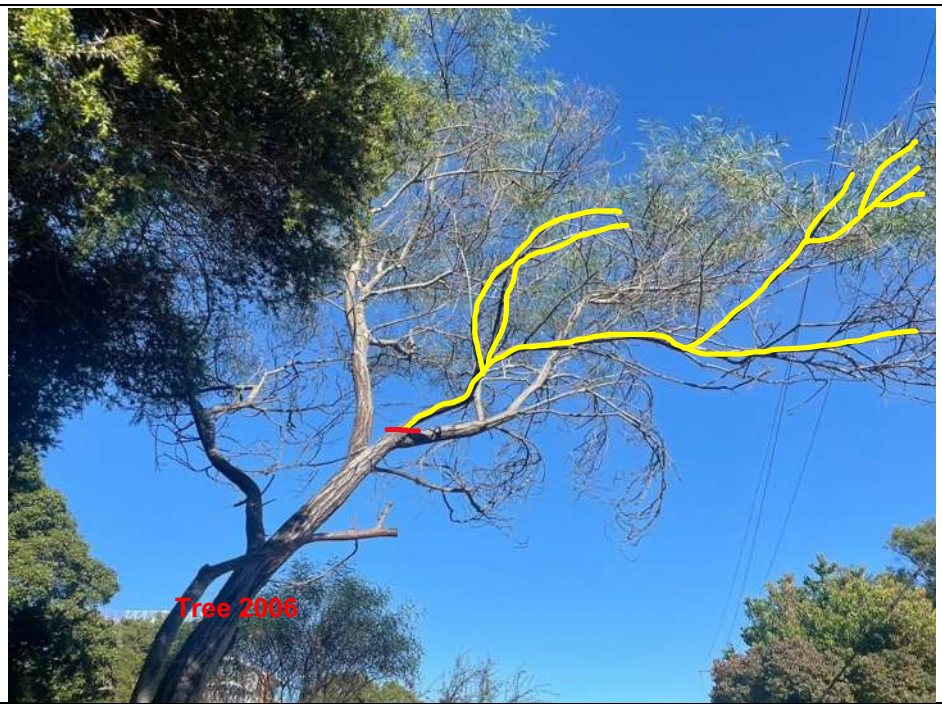

Image 232: Looking towards tree 2006, showing required canopy pruning. The 40mm first order branch at 3m above ground is to be removed. The branch has been marked yellow and the final pruning cut has been marked red. The pruning will result in the removal of less than 10% of the overall live canopy.

Image 233: Looking towards tree 2007, showing required canopy pruning (hatched yellow). The crown is to be raised by 4m to allow for the works. Final pruning cuts should not exceed 40mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

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Image 234: Looking towards tree 2008, showing required canopy pruning (hatched yellow). The crown is to be raised by 3m to allow for the works. Final pruning cuts should not exceed 25mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

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Image 235: Looking towards tree G22, showing required canopy pruning (hatched yellow). The crown of each tree within the group is to be reduced by 1m to allow for the works. Final pruning cuts should not exceed 30mm in diameter (minor tip pruning). The pruning will result in the removal of less than 10% of the overall live canopy of each tree within the group.

Image 236: Looking towards tree G22, showing required canopy pruning (hatched yellow). The crown of each tree within the group is to be reduced by 1m to allow for the works. Final pruning cuts should not exceed 30mm in diameter (minor tip pruning). The pruning will result in the removal of less than 10% of the overall live canopy of each tree within the group.

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Image 237: Looking towards tree G22, showing required canopy pruning (hatched yellow). The crown of each tree within the group is to be reduced by 1m to allow for the works. Final pruning cuts should not exceed 30mm in diameter (minor tip pruning). The pruning will result in the removal of less than 10% of the overall live canopy of each tree within the group.

Image 238: Looking towards tree G22, showing required canopy pruning (hatched yellow). The crown of each tree within the group is to be reduced by 1m to allow for the works. Final pruning cuts should not exceed 30mm in diameter (minor tip pruning). The pruning will result in the removal of less than 10% of the overall live canopy of each tree within the group.

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Image 239: Looking towards tree G22, showing required canopy pruning (hatched yellow). The crown of each tree within the group is to be reduced by 1m to allow for the works. Final pruning cuts should not exceed 30mm in diameter (minor tip pruning). The pruning will result in the removal of less than 10% of the overall live canopy of each tree within the group.

Image 240: Looking towards small weed species (*Cotoneaster* spp) that are to be removed to accommodate the works.

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Image 241: Looking towards small weed species (*Cotoneaster* spp) that are to be removed to accommodate the works.

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9.10.2 **King Georges Road:** The trees within this area are located within the footprint or directly adjacent to the proposed CSR and utility installation outside the project boundary. Therefore, the trees are to be removed to accommodate the development. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1995	*Acacia longifolia*	4. Remove	Z4	4.9	75.4	2.4	Native	Medium
1997	*Acacia spp*	4. Remove	Z4	2.7	22.9	1.8	Native	Medium
1998	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
1999	*Acacia longifolia*	3. Short	Z4	2.3	16.6	1.8	Native	Low
2000	*Cupressus sempervirens*	2. Medium	A1	2.0	12.6	1.7	Exotic	Medium
G21	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

Image 242: Looking towards tree 1995, recommended for removal due to development impacts (excessive canopy pruning).

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Image 243: Looking towards tree 1998, 1999 and G21, recommended for removal due to development impacts from the proposed CSR.

Image 244: Looking towards tree 1997 and 2000 located outside the site boundary. The trees are recommended for removal due to development impacts from the proposed utility works.

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9.10.3 **Wiley Park Station (North side):** The tree within this area requires crown pruning to provide working space for crews during the installation of a new services trench/GST. The canopy pruning will result in the removal of less than 5% of the overall live foliage area and is considered acceptable. The following tree has been identified for pruning in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
684	*Pittosporum undulatum*	5. Small/Young	Z1	2.2	14.7	1.7	Native	Low

Image 245: Looking West towards tree 684 showing required pruning for work crew access. Clearance pruning is required to provide 1m of space from the existing white fence to the North of the tree (hatched yellow). The pruning will result in removing less than 5% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter.

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9.10.4 **Wiley Park Station (North side):** The tree in this area require crown pruning to allow for heavy vehicle access for the installation of a new service trench. The pruning is to provide 4.5 metre of clearance below the canopy of the tree. Remaining works proposed within this area include the maintenance of grass and insignificant small weeds by whipper snip and mow. No *vegetation* or tree removal is required within this area. The following tree has been identified for pruning in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
692	*Schinus molle*	1. Long	A1	12.6	498.8	3.6	Exotic	Medium

Image 246: Looking Southeast towards tree 692, showing required pruning for vehicle access (hatched yellow). Minor tip pruning to the North of the tree is required to allow 4.5m clearance for vehicle access. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter.

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9.10.5 **Wiley Park Station (North side):** The trees within this area are located within the footprint or directly adjacent to the proposed services trench. Therefore, the trees are to be removed to accommodate the development. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
693	*Triadica sebifera*	2. Medium	A1	3.3	34.7	2.4	Exotic	Medium
694	*Triadica sebifera*	1. Long	A1	4.1	52.3	2.3	Exotic	Medium

Image 247: Looking Southeast towards tree 693 and 694. Both trees are recommended for removal due to the proposed services trench (dashed red).

9.10.6 **Wiley Park Station (North side):** The installation of the proposed service trench in this location zone will be located up the batter and away from the existing vegetation and trees. No *vegetation* or tree removal is required within this area. No *vegetation* or tree pruning is required within this area.

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9.10.7 **Wiley Park Station (North side/lower section):** The trees within this area are located within the footprint or directly adjacent to the proposed services trench. The proposed trench is to be excavated to a depth of 900mm within the SRZ, indicating the stability of the trees will be impacted. Therefore, the trees are to be removed to accommodate the development. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3286	*Eucalyptus saligna*	3. Short	Z10	7.1	158.4	2.8	Native	High
3287	*Eucalyptus botryoides*	3. Short	Z10	6.6	136.8	2.6	Native	High
3288	*Eucalyptus scoparia*	3. Short	Z10	4.8	72.4	2.4	Native	High

Image 248: Looking South towards tree 3286 and 3287. Both trees are recommended for removal due to the proposed services trench (dashed red).

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Image 249: Looking South towards tree 3288. The tree is recommended for removal due to the proposed services trench (dashed red).

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9.10.8 **Wiley Park Station (North side/lower section):** The trees within this area are located within the footprint or directly adjacent to the proposed CSR. Therefore, the trees are to be removed to accommodate the development. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1987	*Eucalyptus scoparia*	2. Medium	Z3	4.3	58.1	2.3	Native	Medium
1988	*Eucalyptus botryoides*	3. Short	Z10	4.4	60.8	2.3	Native	High
1989	*Eucalyptus botryoides*	2. Medium	A2	4.3	58.1	2.3	Native	High
1990	*Schinus molle*	2. Medium	A1	11.9	444.9	3.9	Exotic	High
1991	*Schinus molle*	2. Medium	A1	11.8	437.4	3.6	Exotic	High

Image 250: Looking towards tree 1987, 1988, 1989, 1990 and 1991. The trees are recommended for removal due to the proposed CSR.

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9.10.9 **Wiley Park (Country Side Up track):** Tree 3506, 3507, 3508, 3510, 3511, 3513 and 3514 require crown pruning to provide vehicle clearance and working space for crews during the proposed works. Tree 1961 is located within the footprint or directly adjacent to the proposed works area and the removal of the trees is required. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3506	*Acacia prominens*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3507	*Acacia stricta*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3508	*Acacia stricta*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
3510	*Acacia stricta*	4. Remove	Z4	2.1	12.6	2.1	Native	Low
3511	*Acacia prominens*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3513	*Acacia parramattensis*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
3514	*Acacia parramattensis*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
1961	*Eucalyptus saligna*	1. Long	A1	2.0	12.6	1.8	Native	Medium

Image 251: Looking towards tree 3506, showing required pruning for GST post installation (hatched yellow). The South side of the canopy is to be reduced to in line with the steel barricade. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 30mm in diameter.

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Image 252: Looking towards tree 3507 and 3508, showing required pruning for GST post installation (hatched yellow). The South side of the canopy of each tree is to be reduced to in line with the steel barricade. The pruning will result in removing less than 10% of the overall live foliage area for each tree. Final pruning cuts should not exceed 30mm in diameter.

Image 253: Looking towards tree 3510, showing required pruning for GST post installation (hatched yellow). The South side of the canopy is to be reduced to in line with the steel barricade. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 30mm in diameter.

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Image 254: Looking towards tree 3511, showing required pruning for GST post installation (hatched yellow). The South side of the canopy is to be reduced to in line with the steel barricade. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 30mm in diameter.

Image 255: Looking towards tree 3513, showing required pruning for GST post installation (hatched yellow). The South side of the canopy is to be reduced to in line with the steel barricade. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 30mm in diameter.

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Image 256: Looking towards tree 3514, showing required pruning for GST post installation (hatched yellow). The South side of the canopy is to be reduced to in line with the steel barricade. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 30mm in diameter.

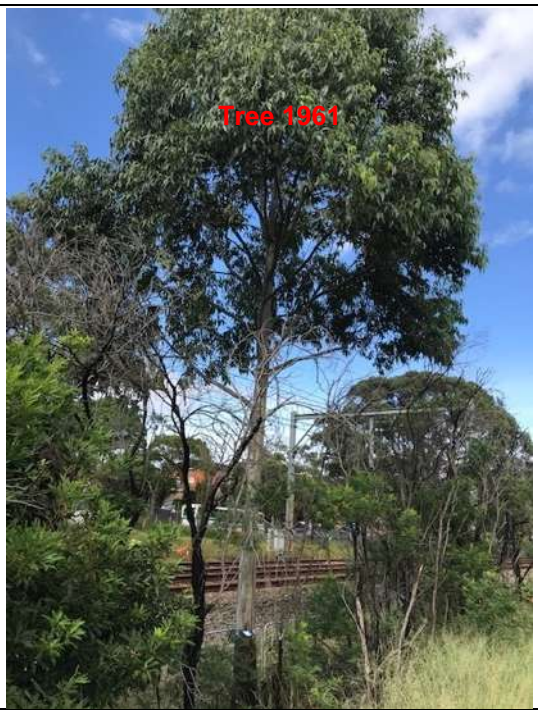

Image 257: Looking towards tree 1961. The tree is recommended for removal due to development impacts.

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9.11 Punchbowl

9.11.1 **Punchbowl Stockpiles and Compound:** Tree 1134, 1141, 1927, 1930, 1931, 1932, 1933, 1934 and 1938 require crown pruning to provide vehicle clearance and working space for crews during the proposed works. Tree 1935, 1940 and 1942 are located within the footprint or directly adjacent to the proposed works area and the removal of the trees is required. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1134	*Eucalyptus punctata*	1. Long	A1	13.2	547.4	3.7	Native	Very High
1141	*Eucalyptus punctata*	1. Long	A1	2.0	12.6	1.8	Native	Medium
1927	*Eucalyptus botryoides*	1. Long	A1	6.6	136.8	2.8	Native	High
1930	*Eucalyptus scoparia*	2. Medium	Z3	3.6	40.7	2.2	Native	Low
1931	*Eucalyptus pilularis*	1. Long	A1	5.6	98.5	2.6	Native	High
1932	*Cinnamomum camphora*	5. Small/Young	Z3	2.0	12.6	2.1	Exotic	Low
1933	*Eucalyptus saligna*	1. Long	A1	10.2	326.9	3.2	Native	Very High
1934	*Eucalyptus scoparia*	2. Medium	Z3	6.4	128.7	2.7	Native	Medium
1935	*Acacia longifolia*	5. Small/Young	Z1	2.4	18.1	1.7	Native	Low
1938	*Eucalyptus scoparia*	2. Medium	Z3	9.5	283.5	3.2	Native	Medium
1940	*Lophostemon confertus*	3. Short	Z10	6.0	113.1	2.6	Native	Medium
1942	*Lophostemon confertus*	3. Short	Z10	4.8	72.4	2.4	Native	Medium

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Image 258: Looking towards tree 1134, showing required pruning for vehicle access (hatched yellow). The North side of the canopy is to be crown raised to a height of 8m. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 150mm in diameter.

Image 259: Looking towards tree 1141, showing required pruning for vehicle access (hatched yellow). The North side of the crown is to be reduced by 1m. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter.

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Image 260: Looking towards tree 1927 showing required pruning for construction access. The 250mm diameter first order branch to the South at 2m above existing ground is to be removed. Branch marked yellow, pruning cut marked red. The pruning will result in removing less 10% of the overall live foliage area.

Image 261: Looking towards tree 1930 showing required pruning for vehicle access (hatched yellow). The South side of the crown is to be reduced by 1m. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 100mm in diameter.

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Image 262: Looking towards tree 1931 showing required pruning for construction access. The 120mm diameter second order branch to the South at 4m above existing ground is to be removed. Branch marked yellow, pruning cut marked red. The pruning will result in removing less 10% of the overall live foliage area.

Image 263: Looking towards tree 1932 showing required pruning for vehicle access (hatched yellow). The South side of the crown is to be reduced by 1.5m. The pruning will result in removing 10% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter.

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Image 264: Looking towards tree 1933 showing required pruning for vehicle access (hatched yellow). The South side of the crown is to be reduced by 1.5m. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 150mm in diameter

Image 265: Looking towards tree 1934 showing required pruning for vehicle access (hatched yellow). The South side of the crown is to be reduced by 1m. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 100mm in diameter.

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Image 266: Looking towards tree 1935. The tree is recommended for removal due to development impacts.

Image 267: Looking towards tree 1938 showing required pruning for construction access. The 250mm lowest primary branch to the South at 0.3m above existing ground is to be removed. Branch marked yellow, pruning cut marked red. The pruning will result in removing 10% of the overall live foliage area.

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Image 268: Looking towards tree 1940. The tree is recommended for removal due to development impacts.

Image 269: Looking towards tree 1942. The tree is recommended for removal due to development impacts.

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9.11.2 **Punchbowl Carpark (city side down track):** Tree 3526, 3527, 3528, 3529, 3530 and 3531 are located within the footprint or directly adjacent to the proposed security fencing and the removal of the trees is required. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3526	*Acacia saligna*	3. Short	Z1	2.4	18.1	1.8	Native	Medium
3527	*Acacia saligna*	3. Short	Z1	2.4	18.1	1.8	Native	Medium
3528	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium
3529	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium
3530	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium
3531	*Phoenix roebelenii*	5. Small/Young	Z1	2.0	12.6	NA	Exotic	Low
3544	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium
3545	*Phoenix roebelenii*	5. Small/Young	Z1	2.0	12.6	NA	Exotic	Low
3546	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium
3547	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium
3548	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium
3549	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium
3550	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium
3551	*Alnus jorullensis*	2. Medium	A1	2.4	18.1	1.8	Exotic	Medium

Image 270: Looking towards tree 3526, 3527 and 3528. The trees are recommended for removal due to the proposed security fencing.

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Image 271: Looking towards tree 3529 and 3530. The trees are recommended for removal due to the proposed security fencing.

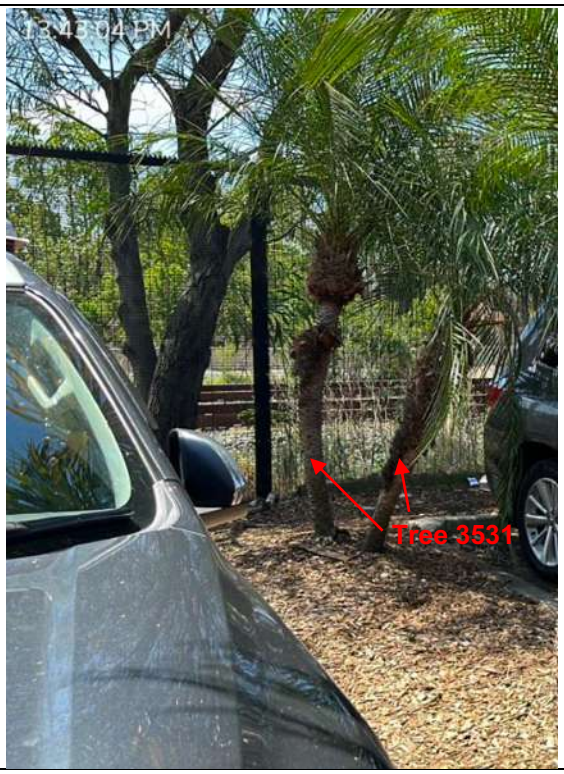

Image 272: Looking towards tree 3531. The tree is recommended for removal due to the proposed security fencing.

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Image 273: Looking towards tree 3544 and 3545. The trees are recommended for removal due to the proposed security fencing.

Image 274: Looking towards tree 3546, 3547, 3548 and 3549. The trees are recommended for removal due to the proposed security fencing.

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Image 275: Looking towards tree 3550 and 3551. The trees are recommended for removal due to the proposed security fencing.

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9.11.3 **Punchbowl Station (North side):** The trees within this area require crown pruning to provide vehicle clearance and working space for crews during the installation of a new transition pit for services. The following trees have been identified for pruning in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
724	*Lophostemon confertus*	1. Long	A1	4.9	75.4	2.4	Native	Medium
727	*Corymbia citriodora*	3. Short	Z10	3.9	47.8	2.4	Native	Medium
3296	*Acacia spp*	2. Medium	A1	3.0	28.3	1.8	Native	Medium

Image 276: Looking Southeast towards tree 3296, showing required pruning for vehicle access (hatched yellow). The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter.

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Image 277: Looking South towards tree 724, showing required pruning for vehicle access (hatched yellow). The pruning will result in removing less than 5% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter.

Image 278: Looking Southeast towards tree 727, showing required pruning for vehicle access (hatched yellow). The pruning will result in removing less than 5% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter.

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9.11.4 **Punchbowl Station (North side):** The tree within this area is located directly adjacent to the proposed services trench. The proposed trench is to be completed within the SRZ, indicating the stability of the tree will be impacted. Therefore, the tree is to be removed to accommodate the development. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
731	*Lophostemon confertus*	1. Long	A1	6.1	116.9	2.6	Native	High

Image 279: Looking South towards tree 731. The tree is recommended for removal due to the proposed services trench (dashed red).

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9.11.5 **Breust Place Punchbowl Station:** The trees within this area are located adjacent to the GST/works area. Tree 3377 and 3378 will require canopy pruning to allow for the works. Tree 3379 and 3380 will not be impacted by the works. Additional insignificant small weed species are also to be removed adjacent to the works area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3377	*Melaleuca bracteata 'Revolution Gold'*	2. Medium	A1	4.9	75.4	2.4	Native	Medium
3378	*Melaleuca bracteata 'Revolution Gold'*	5. Small/Young	Z1	2.4	18.1	1.8	Native	Low
3379	*Melaleuca bracteata 'Revolution Gold'*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3380	*Melaleuca bracteata 'Revolution Gold'*	5. Small/Young	Z1	2.2	15.2	1.8	Native	Low

Image 280: Looking towards tree 3377 showing the required canopy pruning (hatched yellow). The West side of the canopy of is to be crown raised by 2m. The pruning will result in the removal of less than 10% of the live foliage area of the tree. The finished cut diameter must not exceed 100mm.

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Image 281: Looking towards tree 3378 showing the required canopy pruning (hatched yellow). The Southwest side of the canopy of is to be crown raised by 2m. The pruning will result in the removal of less than 10% of the live foliage area of the tree. The finished cut diameter must not exceed 100mm. No canopy pruning is required for tree 3379 and 3380.

Image 282: Showing small weed species to be removed for the proposed works area.

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9.11.6 **South Terrace Punchbowl:** The trees and vegetation within this area are located adjacent to the proposed security fencing and will require canopy pruning to allow for the works. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1202	*Lophostemon confertus*	1. Long	A1	5.1	81.7	2.9	Native	High
1215	*Cinnamomum camphora*	2. Medium	Z3	3.4	36.3	2.0	Exotic	Low
1216	*Lophostemon confertus*	1. Long	A1	7.2	162.9	2.8	Native	High
1226	*Cinnamomum camphora*	2. Medium	A1	6.2	120.8	3.6	Exotic	Medium
1227	*Ligustrum lucidum*	5. Small/Young	Z3	2.0	12.6	1.5	Exotic	Very Low
1228	*Cinnamomum camphora*	3. Short	Z4	9.6	289.5	3.2	Exotic	Medium
1233	*Cinnamomum camphora*	5. Small/Young	Z3	2.0	12.6	1.8	Exotic	Low
1241	*Lophostemon confertus*	1. Long	A1	4.8	72.4	2.4	Native	Medium
1245	*Lophostemon confertus*	1. Long	A1	6.0	113.1	2.6	Native	High
1246	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1255	*Eucalyptus microcorys*	1. Long	A1	4.3	58.1	2.5	Native	High
1256	*Eucalyptus microcorys*	1. Long	A1	3.0	28.3	1.9	Native	Medium
1258	*Eucalyptus microcorys*	3. Short	Z4	3.0	28.3	2.0	Native	Medium
1263	*Eucalyptus microcorys*	1. Long	A1	3.7	43.0	2.4	Native	High
1265	*Eucalyptus microcorys*	1. Long	A1	5.6	98.5	2.6	Native	High
1270	*Eucalyptus microcorys*	1. Long	A1	3.4	36.3	2.1	Native	High
1272	*Eucalyptus microcorys*	1. Long	A1	4.6	66.5	2.5	Native	High
1273	*Eucalyptus microcorys*	1. Long	A1	7.1	158.4	2.9	Native	High

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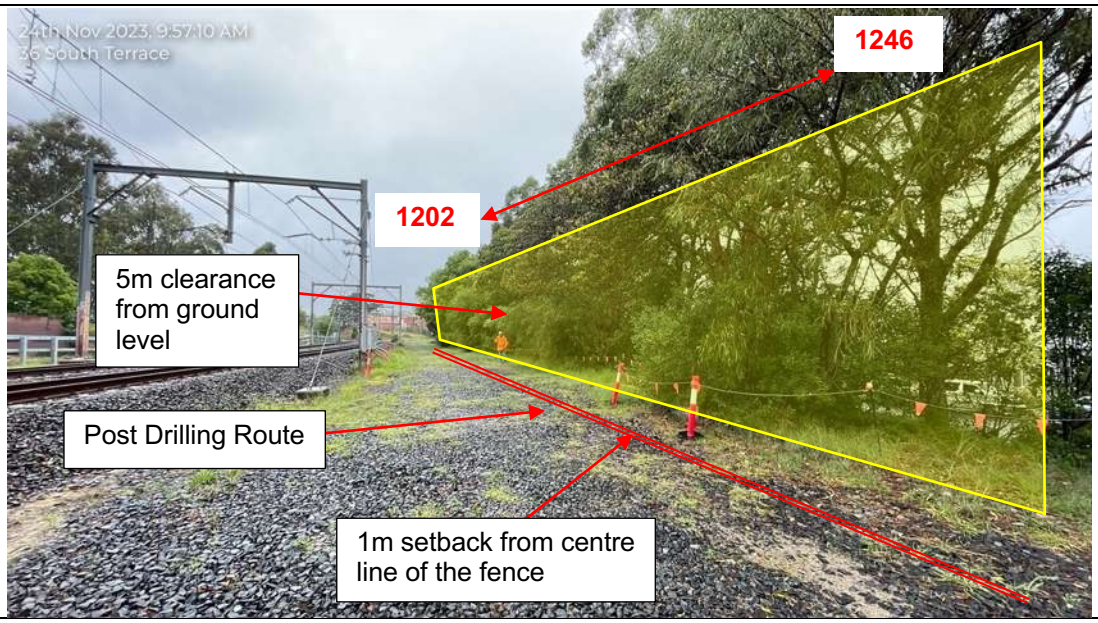

Image 283: Looking towards tree 1202, 1215, 1216, 1226, 1227, 1228, 1233, 1241, 1245 and 1246. Canopy pruning is required to allow for the proposed fencing. The North side of the crown of each tree must pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 15% of the foliage area of each tree and will be acceptable. Smaller insignificant vegetation within this area also requires pruning to allow for the works.

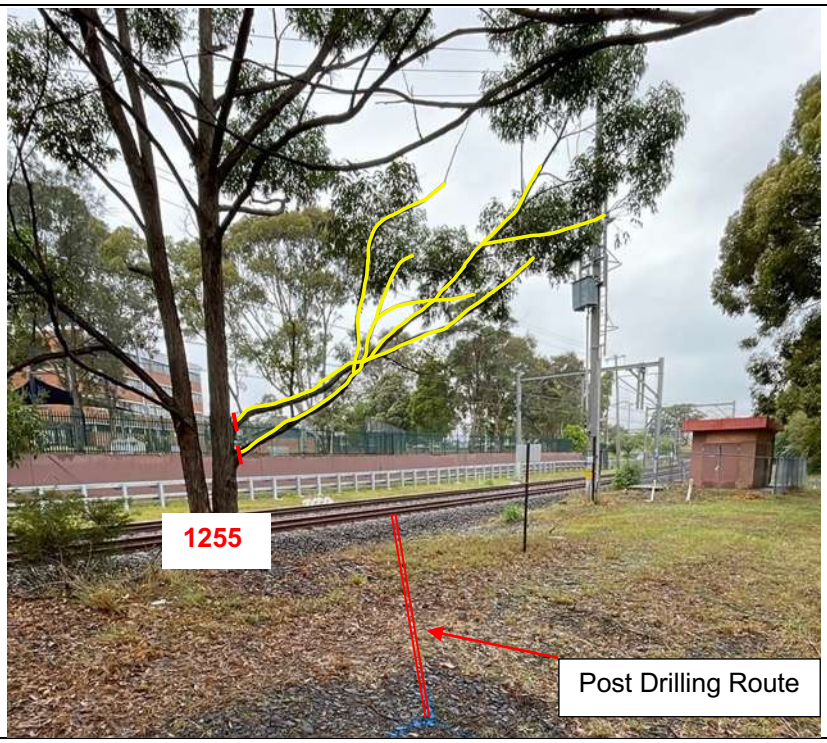

Image 284: Looking towards tree 1255. Canopy pruning is required to allow for the proposed fencing. The 2 x 100mm diameter lowest primary branches to the Southeast must be removed to allow for the works. The pruning will result in the removal of less than 10% of the foliage area of the tree and will be acceptable.

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Image 285: Looking towards tree 1256, 1258, 1263 and 1265. Canopy pruning is required to allow for the proposed fencing. The crown of each tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 15% of the foliage area of each tree and will be acceptable.

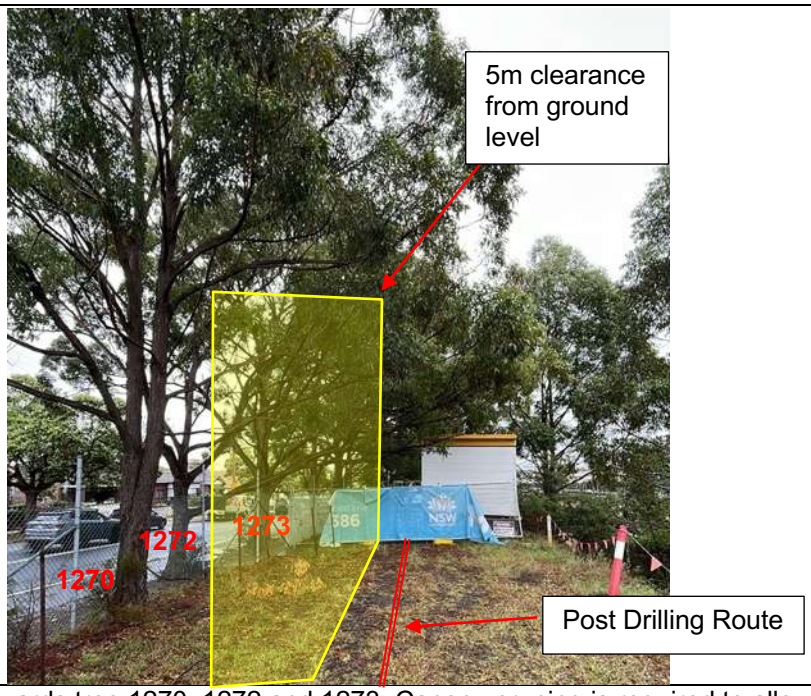

Image 286: Looking towards tree 1270, 1272 and 1273. Canopy pruning is required to allow for the proposed fencing. The crown of each tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 15% of the foliage area of each tree and will be acceptable.

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The Trusted Name in Tree Management

9.11.7 **South Terrace Maintenance Track Punchbowl:** The trees within this area require canopy pruning to provide clearance for heavy vehicle access along the maintenance track. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1360	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
1362	*Eucalyptus microcorys*	1. Long	A1	2.4	18.1	1.8	Native	Medium
1368	*Eucalyptus microcorys*	2. Medium	A2	6.6	136.8	2.7	Native	High
1373	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1374	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1377	*Eucalyptus racemosa*	1. Long	A1	9.3	271.7	3.3	Native	Very High
1417	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1427	*Eucalyptus microcorys*	1. Long	A1	9.6	289.5	3.3	Native	Very High
3498	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
3499	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Very Low
3500	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Very Low

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Image 287: Looking towards tree 1360 showing required pruning for construction access. The first order branch to the North is to be removed. Branch marked yellow, pruning cut marked red.

Image 288: Looking towards tree 1362 showing required pruning for construction access. The first order branch to the North is to be removed. Branch marked yellow, pruning cut marked red.

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Image 289: Looking towards tree 3498 showing required pruning for construction access. The first order branch to the North is to be removed. Branch marked yellow, pruning cut marked red.

Image 290: Looking towards tree 3499 showing required pruning for construction access. One first order branch to the South is to be removed for tree 3499. Branches marked yellow, pruning cuts marked red.

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Image 291: Looking towards tree 1368 showing required pruning for construction access. The second order branch to the North is to be removed. Branch marked yellow, pruning cut marked red.

Image 292: Looking towards tree 1373 and 1374 showing required pruning for construction access. The first order branch to the North is to be removed for tree 1373. The first order branch to the North is to be removed for tree 1374. Branches marked yellow, pruning cuts marked red.

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Image 293: Looking towards tree 1377 showing required pruning for construction access. The first order branch to the Northwest is to be removed. Branch marked yellow, pruning cut marked red.

Image 294: Looking towards tree 3500 showing required pruning for construction access. Three first order branches to the North are to be removed. Branches marked yellow, pruning cuts marked red.

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Image 295: Looking towards tree 1417 showing required pruning for construction access. Three first order branches to the North are to be removed. Branches marked yellow, pruning cuts marked red.

Image 296: Looking towards tree 1427 showing required pruning for construction access. The first order branch to the North is to be removed. Branch marked yellow, pruning cut marked red.

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9.11.8 **Punchbowl Traction Substation:** Tree 1299, 1302, 1304, 1307, 1309 and 1314 require crown pruning to allow for heavy vehicle access and security fence construction. Tree 1277, 1279, 1336, 1337, 1338, 1339 and 1340 will be located within the footprint of the proposed CSR works. Additional works proposed within this area include the maintenance of grass and insignificant small weeds by whipper snip and mow. Tree 1300, 1301, 1303, 1305, 1306 and 1308 will not be impacted by the development works and can be retained. Tree 3520 has recently failed and the removal of the tree will be required for gate access.

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1276	*Eucalyptus microcorys*	1. Long	A1	8.9	248.8	3.2	Native	High
1277	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
1279	*Eucalyptus spp*	1. Long	A1	10.2	326.9	3.6	Native	Very High
1299	*Eucalyptus microcorys*	1. Long	A1	5.8	105.7	2.6	Native	High
1300	*Eucalyptus microcorys*	2. Medium	A1	10.1	320.5	3.3	Native	High
1301	*Eucalyptus microcorys*	1. Long	A1	6.7	105.7	2.7	Native	High
1302	*Eucalyptus microcorys*	1. Long	A1	3.6	40.7	2.1	Native	Medium
1303	*Schefflera actinophylla*	4. Remove	Z3	2.4	18.1	1.7	Exotic	Low
1304	*Eucalyptus microcorys*	1. Long	A1	3.0	28.3	2.0	Native	Medium
1305	*Jacaranda mimosifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Exotic	Low
1306	*Eucalyptus microcorys*	1. Long	A1	6.7	141.0	2.8	Native	High
1307	*Eucalyptus microcorys*	1. Long	A1	3.6	40.7	2.2	Native	High
1308	*Eucalyptus microcorys*	1. Long	A1	8.6	232.4	3.1	Native	High
1309	*Eucalyptus microcorys*	1. Long	A1	6.0	113.1	2.6	Native	High
1314	*Eucalyptus microcorys*	1. Long	A1	3.6	40.7	2.1	Native	High
1336	*Cinnamomum camphora*	3. Short	Z3	6.0	113.1	2.5	Exotic	Low
1337	*Quercus robur*	2. Medium	A1	5.4	91.6	2.4	Exotic	Medium
1338	*Ligustrum lucidum*	5. Small/Young	Z3	2.4	18.1	1.7	Exotic	Low
1339	*Ligustrum lucidum*	5. Small/Young	Z3	2.4	18.1	1.7	Exotic	Very Low
1340	*Pittosporum undulatum*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
3520	*Acacia saligna*	4. Remove	Z5	2.0	12.6	1.8	Native	Low

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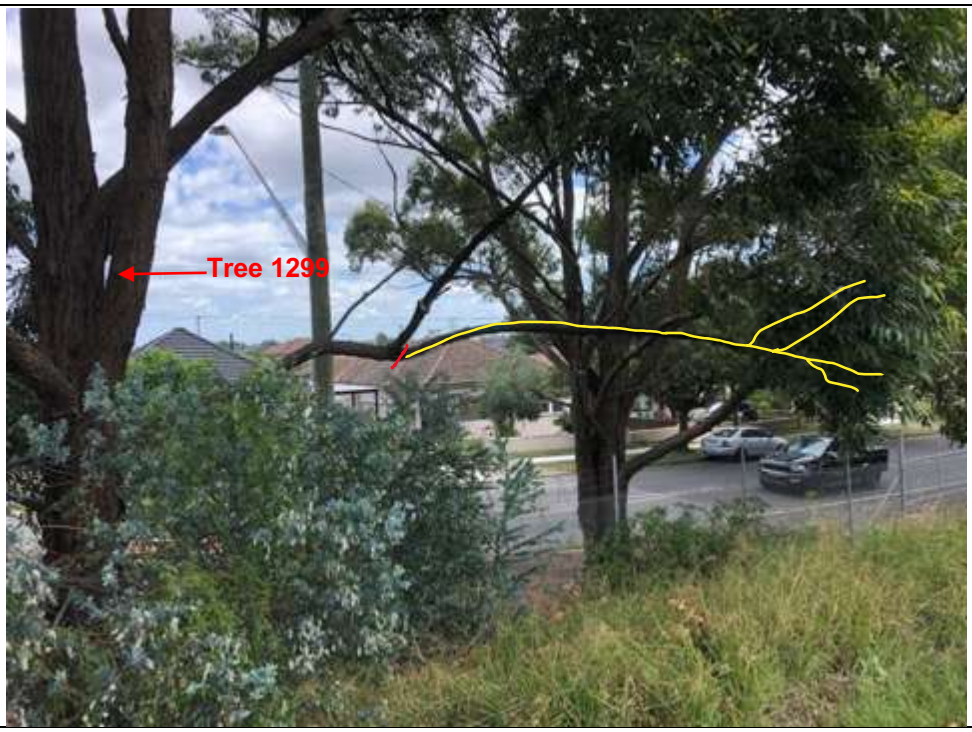

Image 297: Looking Southwest to tree 1299 showing required pruning for construction access. The 80mm diameter second order branch to the West at 2m above existing ground is to be removed. Branch marked yellow, pruning cut marked red.

Image 298: Looking Southwest to tree 1300. The tree is to be retained.

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Image 299: Looking towards tree 1301. The tree is to be retained.

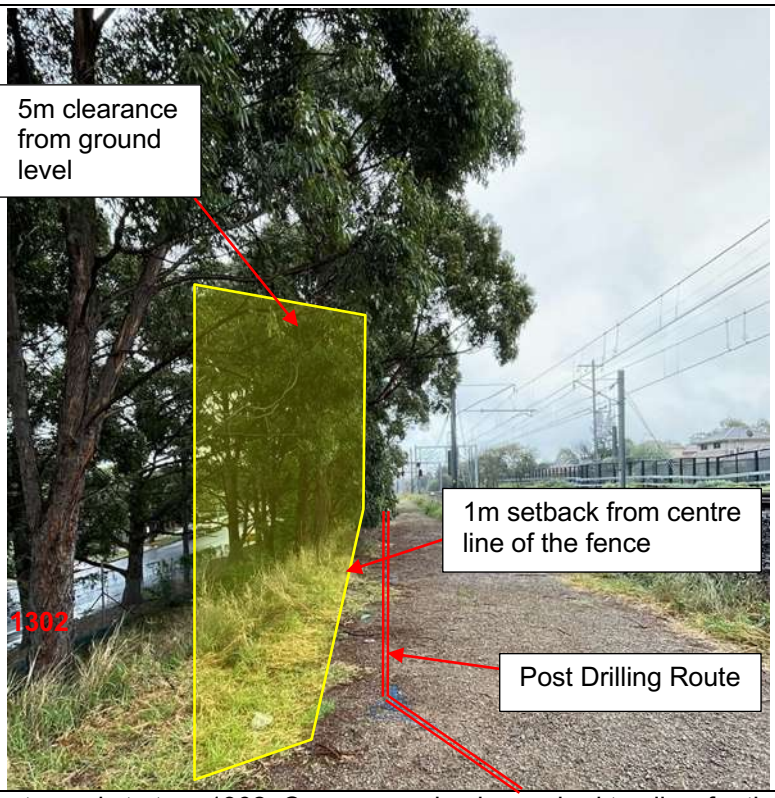

Image 300: Looking towards to tree 1302. Canopy pruning is required to allow for the proposed fencing. The crown of the tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 10% of the foliage area of the tree and will be acceptable.

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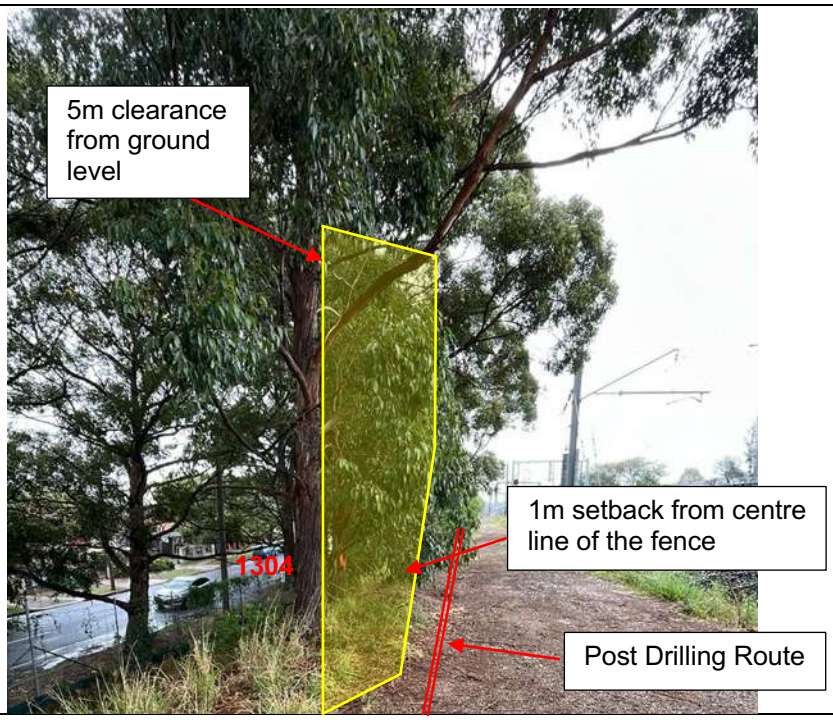

Image 301: Looking towards to tree 1304. Canopy pruning is required to allow for the proposed fencing. The crown of the tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 15% of the foliage area of the tree and will be acceptable.

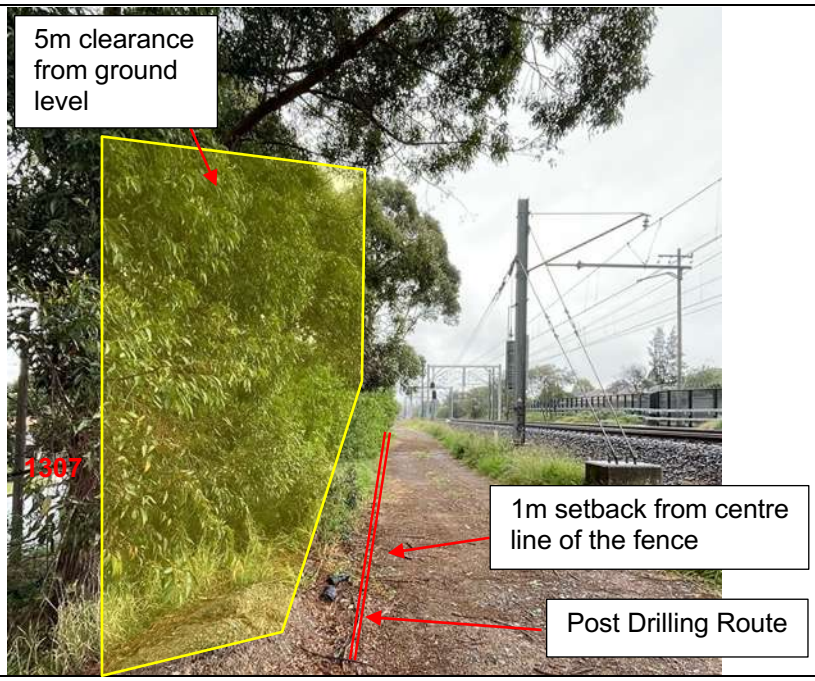

Image 302: Looking towards to tree 1307. Canopy pruning is required to allow for the proposed fencing. The crown of the tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 15% of the foliage area of the tree and will be acceptable.

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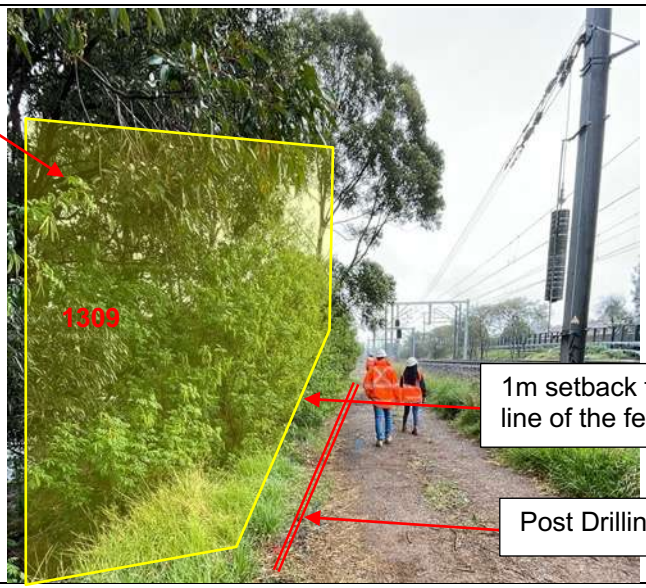

Image 303: Looking towards to tree 1309. Canopy pruning is required to allow for the proposed fencing. The crown of the tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 15% of the foliage area of the tree and will be acceptable.

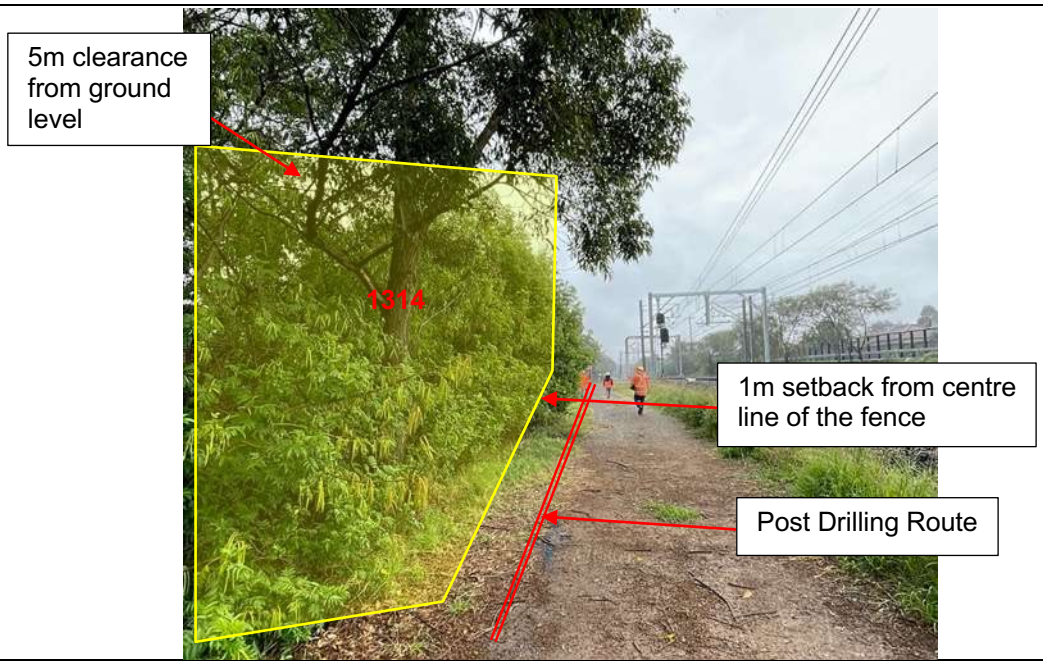

Image 304: Looking towards to tree 1314. Canopy pruning is required to allow for the proposed fencing. The crown of the tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 15% of the foliage area of the tree and will be acceptable.

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Image 305: Looking towards tree 1306 and 1308. The trees are to be retained.

Image 306: Looking towards tree 1303 and 1305. The trees are to be retained

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Image 307: Looking towards tree 1336, 1337, 1338, 1339 and 1340. The trees are to be removed due to development impacts from the proposed CSR.

Image 308: Looking towards tree 3520, showing failure of co-dominant stems. The tree is to be removed due to the condition of the tree and to allow for site access.

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9.11.9 **Punchbowl South Terrace, Gardenia Ave and Carnation Ave:** Tree 1357, 1364, 1365, 1367, 1386, 1388, 1390, 1418, 1421 and 1432 require canopy pruning to allow for the security fence installation. Insignificant and small regrowth will also require removal or pruning within this area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1357	*Eucalyptus microcorys*	1. Long	A1	4.8	72.4	2.4	Native	High
1364	*Eucalyptus microcorys*	1. Long	A1	2.4	18.1	2.3	Native	Medium
1365	*Eucalyptus microcorys*	1. Long	A1	2.6	21.2	1.9	Native	High
1367	*Eucalyptus microcorys*	1. Long	A1	2.5	19.6	2.1	Native	Medium
1386	*Eucalyptus racemosa*	1. Long	A1	9.3	271.7	3.3	Native	Very High
1388	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1390	*Eucalyptus microcorys*	1. Long	A1	2.2	15.2	1.8	Native	Medium
1418	*Eucalyptus microcorys*	2. Medium	A1	2.2	15.2	2.3	Native	Medium
1421	*Eucalyptus microcorys*	1. Long	A1	3.5	38.5	2.1	Native	Medium
1432	*Eucalyptus globulus*	4. Remove	Z5	8.9	248.8	3.2	Native	High
1449	*Eucalyptus microcorys*	1. Long	A1	5.3		2.5	Native	High

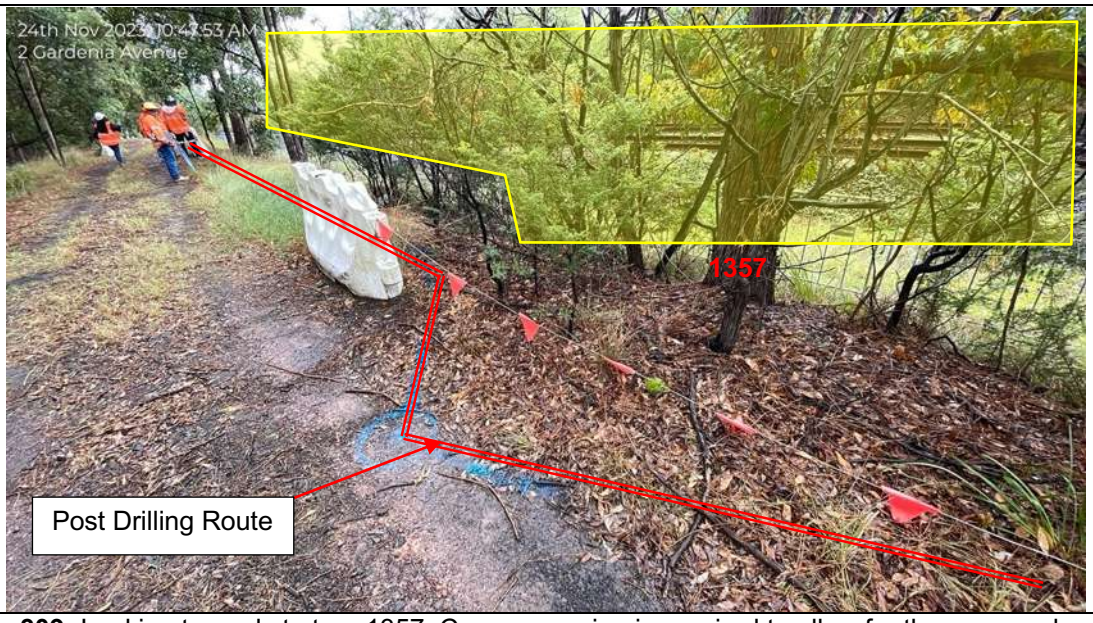

Image 309: Looking towards to tree 1357. Canopy pruning is required to allow for the proposed fencing. The crown of the tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 15% of the foliage area of the tree and will be acceptable. Small insignificant vegetation will also require pruning or removal within this area.

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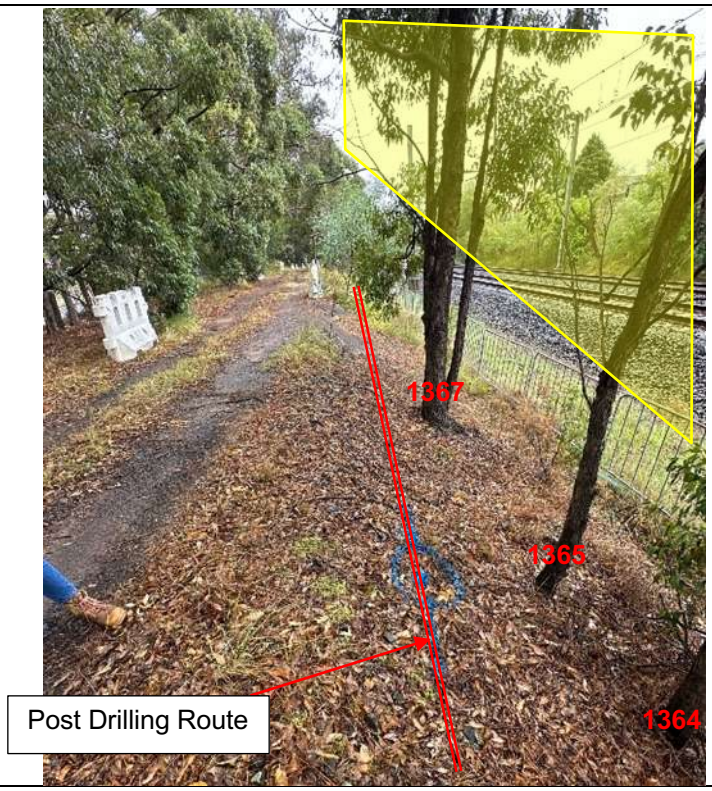

Image 310: Looking towards to tree 1364, 1365 and 1367. Canopy pruning is required to allow for the proposed fencing. The crown of each tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 10% of the foliage area of each tree and will be acceptable.

Image 311: Looking towards to tree 1364 and 1365. The insignificant small regrowth marked 'X' is required to be removed to allow for the fence construction.

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Image 312: The insignificant small regrowth marked 'X' is required to be removed to allow for the fence construction.

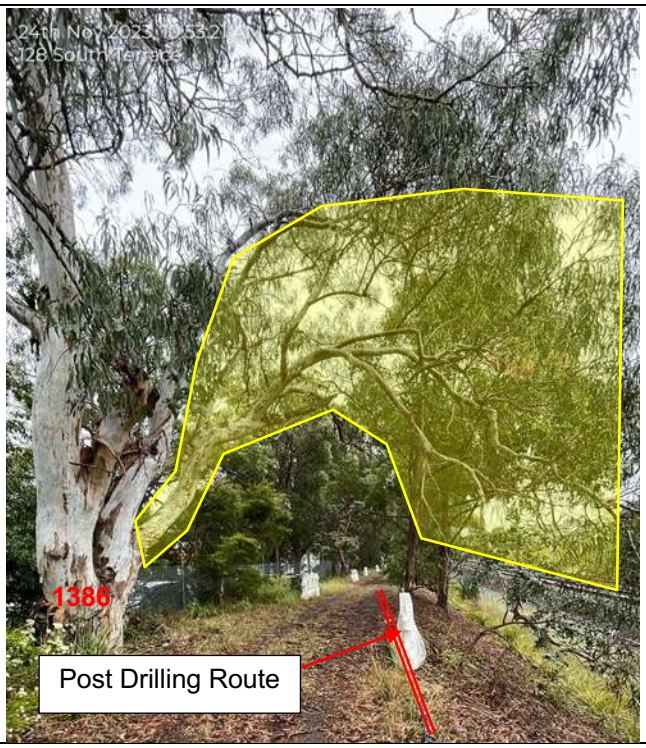

Image 313: Looking towards to tree 1386. Canopy pruning is required to allow for the proposed fencing. The crown of the tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of approximately 25-30% of the foliage area of the tree. The pruning is considered significant, but is a preferred option to whole tree removal.

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Image 314: Looking towards to tree 1388 and 1390. Canopy pruning is required to allow for the proposed fencing. The crown of each tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 10% of the foliage area of each tree and will be acceptable.

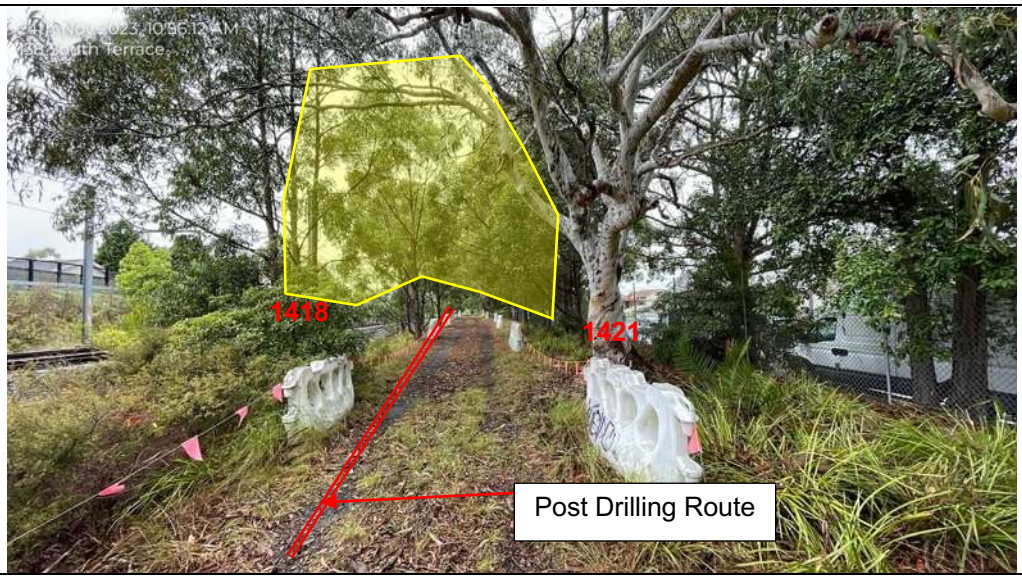

Image 315: Looking towards to tree 1418 and 1421. Canopy pruning is required to allow for the proposed fencing. The crown of each tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 10% of the foliage area of each tree and will be acceptable.

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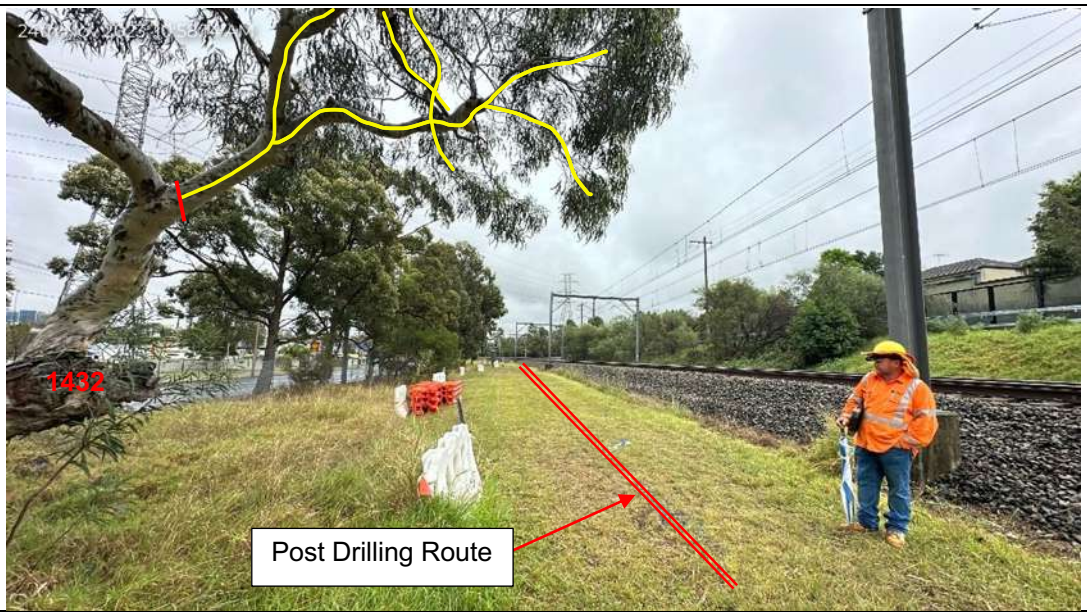

Image 316: Looking towards to tree 1432. Canopy pruning is required to allow for the proposed fencing. The crown of the tree must be pruned to allow a 1m setbback from the centre line of the fence and to a height of 5m. The 160mm diameter first order branch to the North requires removal to accommodate the proposed works. The pruning will result in the removal of approximately 15-20% of the live foliage area. The pruning is considered significant, but is a preferred option to whole tree removal.

Image 317: Looking towards to tree 1449. Canopy pruning is required to allow for the new access gate. The 160mm diameter first order branch to the Northeast and 100mm diameter second order branch to the Northeast require removal to accommodate the proposed works. The pruning will result in the removal of approximately 10-15% of the live foliage area. The pruning is considered acceptable.

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9.11.10 **Punchbowl BT Upper Track:** Tree 1905 and 1907 require canopy pruning to allow for the security fence installation. Insignificant and small multi stemmed regrowth will also require pruning within this area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1905	*Acacia longifolia*	3. Short	Z4	2.4	18.1	1.8	Native	Low
1907	*Acacia longifolia*	3. Short	Z4	3.1	30.2	2.0	Native	Medium

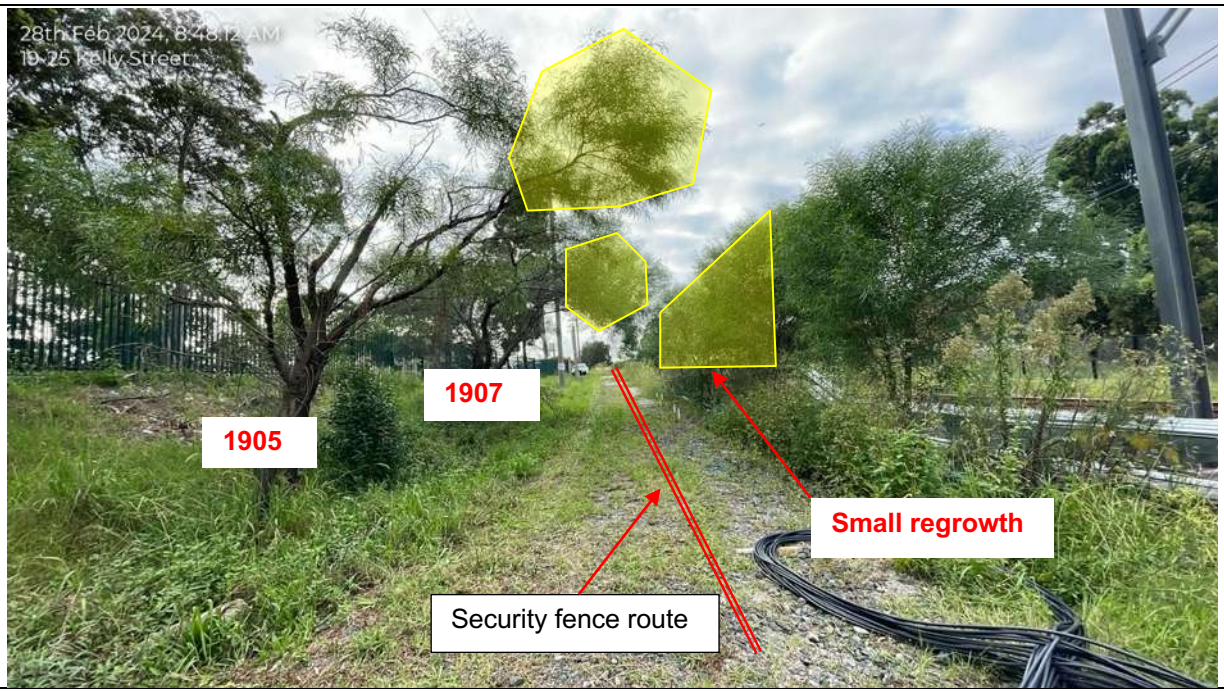

Image 318: Looking towards to tree 1905, 1907 and the insignificant small regrowth. Canopy pruning is required to allow for the proposed fencing. The crown of each tree must be pruned to allow a 1m setback from the centre line of the fence and to a height of 5m. The pruning will result in the removal of less than 10% of the foliage area of each tree and will be acceptable.

9.11.11 **Stansfield Ave to Stacey Street:** Trees 1776, 1794, 1796, 1797, 1799, 1822, 1825, 1858, 1868, 1869, 3502, 3503 and G18 will be located within the footprint or directly adjacent to the proposed CSR/works area and are required to be removed to accommodate the development. Trees selectively within G17 are also required to be removed to accommodate the development (0.5m from the Northern edge of trees into the group will require removal). Tree 1778, 1779, 1788, 1803, 1811, 1815, 1818, 1820, 1832, 1833, 1834, 1836, 1837, 1838, 1839, 1847, 1848, 1850, 1851, 1852, 1854, 1855, 1860, 1861, 1862, 3504, 3515, 3516, 3517, 3518 and 3519 require canopy pruning to allow for the works. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
G17	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1776	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1778	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1788	*Acacia spp*	2. Medium	A1	3.6	40.7	2.1	Native	Medium
1794	*Acacia longifolia*	2. Medium	A1	2.8	24.6	2.0	Native	Medium
1796	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
1797	*Acacia longifolia*	2. Medium	A1	2.9	26.4	1.9	Native	Medium
1799	*Acacia longifolia*	3. Short	Z4	2.6	21.2	1.8	Native	Low
1803	*Acacia longifolia*	4. Remove	Z4	3.6	40.7	2.0	Native	Low
1811	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
1815	*Acacia longifolia*	5. Small/Young	Z4	2.0	12.6	1.7	Native	Low
1818	*Acacia longifolia*	3. Short	Z4	2.9	26.4	1.9	Native	Medium
1820	*Acacia longifolia*	2. Medium	A1	3.6	40.7	2.2	Native	Medium
1822	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
1825	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1832	*Acacia longifolia*	5. Small/Young	Z1	2.4	18.1	1.8	Native	Low
1833	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1834	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.8	Native	Low
1836	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1837	*Acacia longifolia*	2. Medium	A1	2.4	18.1	1.9	Native	Medium
1838	*Acacia longifolia*	2. Medium	A1	4.8	72.4	2.4	Native	Medium
1839	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
1847	*Acacia longifolia*	2. Medium	A1	5.8	105.7	2.5	Native	Medium
1848	*Acacia longifolia*	3. Short	Z9	3.0	28.3	2.4	Native	Low
1850	*Acacia longifolia*	3. Short	A1	2.4	18.1	1.8	Native	Medium
1851	*Acacia longifolia*	3. Short	Z9	2.6	21.2	1.9	Native	Medium
1852	*Acacia longifolia*	2. Medium	A1	2.9	26.4	1.9	Native	Medium
1854	*Acacia longifolia*	3. Short	Z4	2.0	12.6	1.7	Native	Low
1855	*Acacia longifolia*	3. Short	Z4	3.3	34.2	2.3	Native	Medium
1858	*Acacia longifolia*	2. Medium	A1	2.6	21.2	2.0	Native	Medium
1860	*Acacia longifolia*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
1861	*Acacia longifolia*	2. Medium	A1	2.4	18.1	1.7	Native	Medium

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Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1862	*Acacia longifolia*	3. Short	Z4	4.2	55.4	2.3	Native	Medium
1868	*Acacia longifolia*	2. Medium	A1	3.4	36.3	2.1	Native	Medium
1869	*Acacia longifolia*	5. Small/Young	Z1	2.8	24.6	2.1	Native	Low
G18	*Acacia longifolia*	5. Small/Young	Z1	2.2	14.7	1.8	Native	Low
3502	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3503	*Acacia saligna*	4. Remove	Z1	2.0	12.6	1.5	Native	Low
3504	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3515	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3516	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3517	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3518	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
3519	*Acacia saligna*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

Image 319: Looking towards G17. Selected trees 0.5m from the Northern edge of the group will require removal to accommodate the proposed works.

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Image 320: Looking along G17. Selected trees 0.5m from the Northern edge of the group will require removal to accommodate the proposed works.

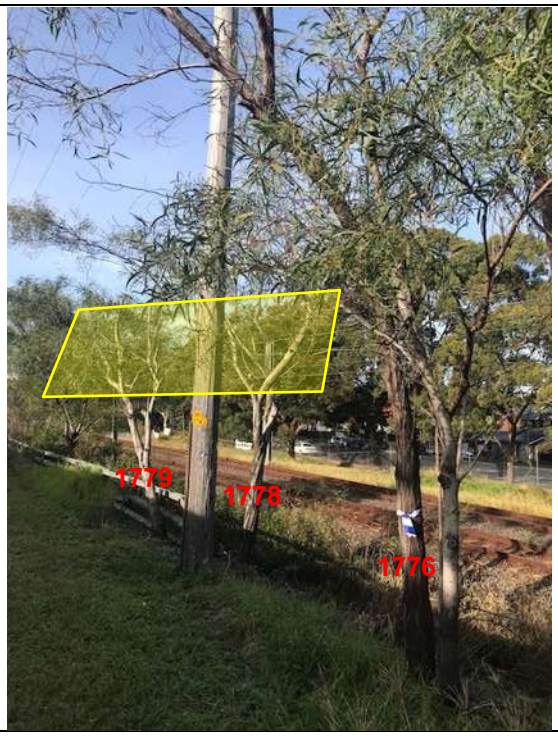

Image 321: Looking towards tree 1776, 1778 and 1779. Tree 1776 is recommended for removal due to the proposed development impacts. Tree 1778 and 1779 require canopy pruning (hatched yellow). The North side of tree 1778 and 1779 is to be reduced by 1m. The finished cut diameter must not exceed 70mm. The pruning must result in the removal of less than 20% of the overall live canopy.

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Image 322: Looking towards tree 1794. The tree is recommended for removal due to the proposed development impacts.

Image 323: Looking towards tree 1796. The tree is recommended for removal due to the proposed development impacts.

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Image 324: Looking towards tree 1797. The tree is recommended for removal due to the proposed development impacts.

Image 325: Looking towards tree 1799. The tree is recommended for removal due to the proposed development impacts.

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Image 326: Looking towards tree 1788, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m. The finished cut diameter must not exceed 50mm. The pruning must result in the removal of less than 20% of the overall live canopy.

Image 327: Looking towards tree 1803, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m. The finished cut diameter must not exceed 50mm. The pruning must result in the removal of less than 20% of the overall live canopy.

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Image 328: Looking towards tree 1811, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m. The finished cut diameter must not exceed 50mm. The pruning must result in the removal of less than 20% of the overall live canopy.

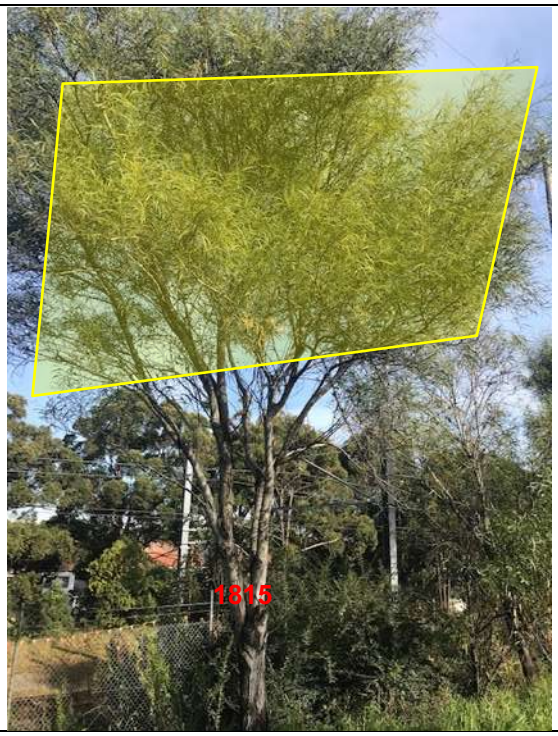

Image 329: Looking towards tree 1815, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m. The finished cut diameter must not exceed 50mm. The pruning must result in the removal of less than 20% of the overall live canopy.

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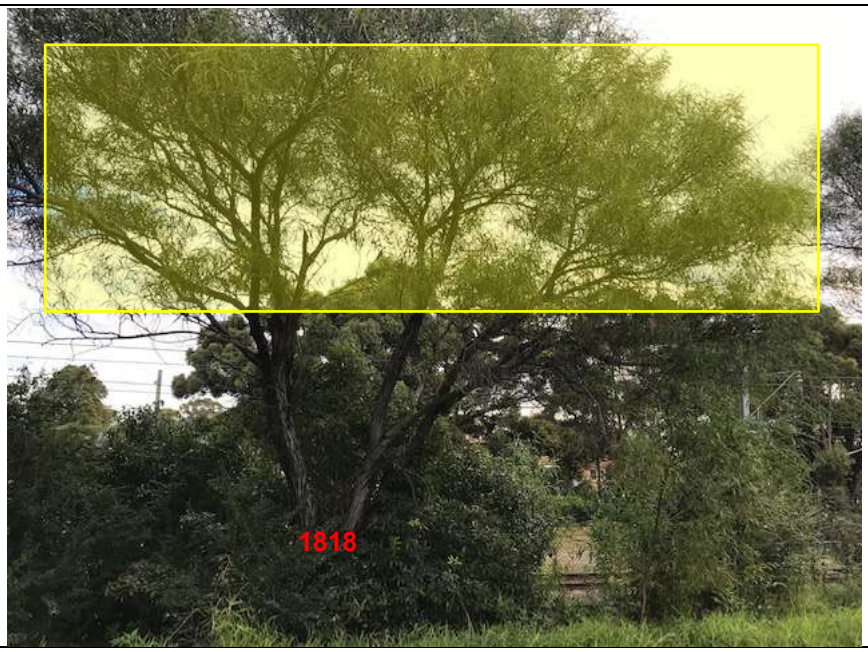

Image 330: Looking towards tree 1818, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m. The finished cut diameter must not exceed 80mm. The pruning must result in the removal of less than 20% of the overall live canopy.

Image 331: Looking towards tree 1820, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m. The finished cut diameter must not exceed 80mm. The pruning must result in the removal of less than 20% of the overall live canopy.

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Image 332: Looking towards tree 1822 and 1825, recommended for removal due to the proposed development impacts.

Image 333: Looking towards tree 1832, 1833, 1834 and 1836, showing required canopy pruning (hatched yellow). The North side of the trees are to be reduced by 1m. The finished cut diameter must not exceed 50mm. The pruning must result in the removal of less than 20% of the overall live canopy.

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Image 334: Looking towards tree 1837 and 1838, showing required canopy pruning (hatched yellow). The North side of the trees are to be reduced by 1m. The finished cut diameter must not exceed 60mm. The pruning must result in the removal of less than 20% of the overall live canopy. Tree 1839 is located outside the photograph frame and requires the same pruning specifications.

Image 335: Looking towards tree 1847, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m. The finished cut diameter must not exceed 80mm. The pruning must result in the removal of less than 20% of the overall live canopy.

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Image 336: Looking towards tree 1848, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m. The finished cut diameter must not exceed 40mm. The pruning must result in the removal of less than 20% of the overall live canopy.

Image 337: Looking towards tree 1850, 1851 and 1852, showing required canopy pruning (hatched yellow). The North side of the trees are to be reduced by 1m. The finished cut diameter must not exceed 50mm. The pruning must result in the removal of less than 20% of the overall live canopy.

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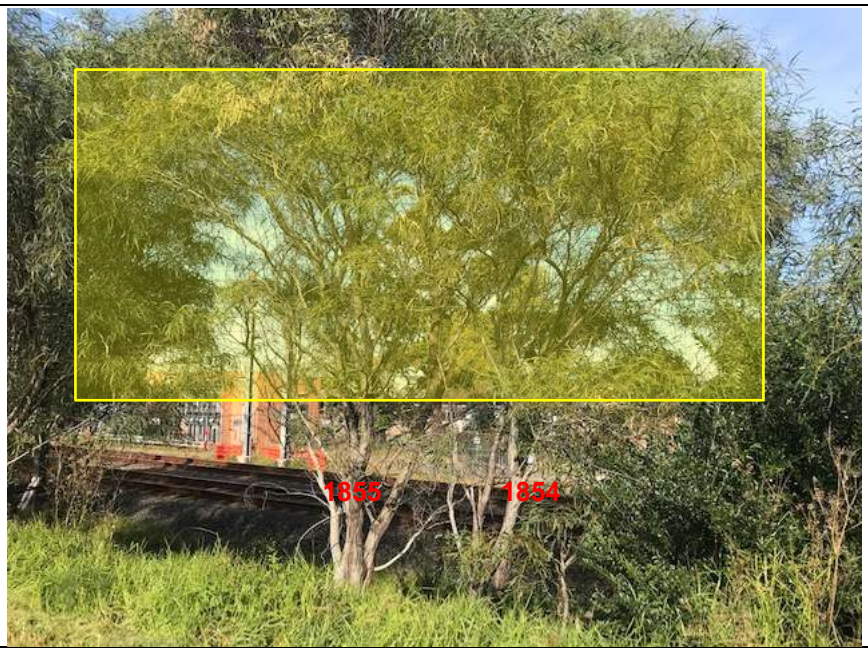

Image 338: Looking towards tree 1854 and 1855, showing required canopy pruning (hatched yellow). The North side of the trees are to be reduced by 1m. The finished cut diameter must not exceed 80mm. The pruning must result in the removal of less than 20% of the overall live canopy.

Image 339: Looking South towards tree 1858. The tree is recommended for removal due to the proposed development impacts.

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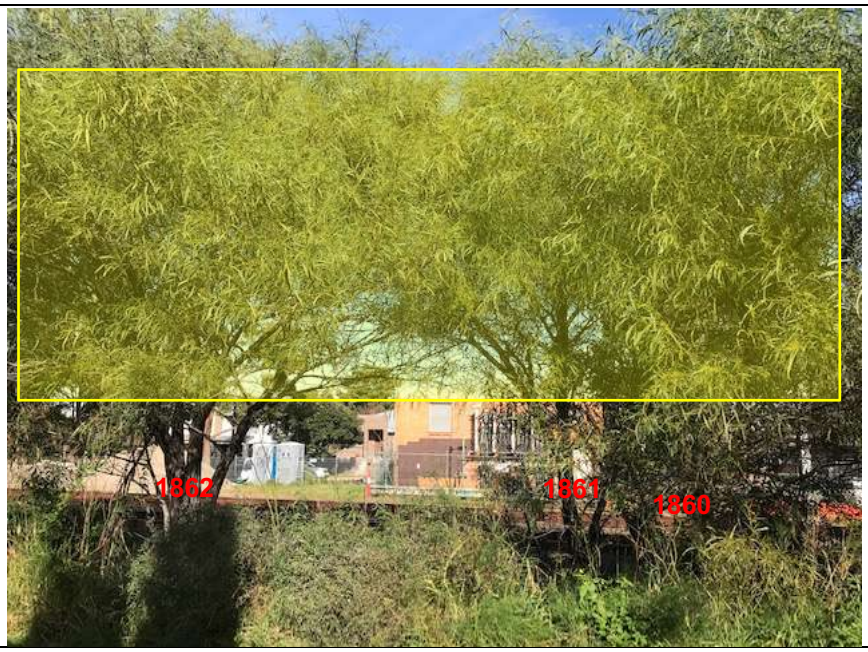

Image 340: Looking towards tree 1860, 1861 and 1862, showing required canopy pruning (hatched yellow). The North side of the trees are to be reduced by 1m. The finished cut diameter must not exceed 60mm. The pruning must result in the removal of less than 20% of the overall live canopy.

Image 341: Looking South towards tree 1868 and 1869. The trees are recommended for removal due to the proposed development impacts (excessive canopy pruning).

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Image 342: Looking towards tree 3502 and 3503. The trees are recommended for removal due to conduit excavations between pits. The dead tree to the North of tree 3503 is also to be removed.

Image 343: Looking towards tree 3504, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m. The finished cut diameter must not exceed 50mm. The pruning will result in the removal of less than 20% of the overall live canopy, which is considered significant canopy pruning, however it is a preferred option to tree removal.

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Image 344: Looking towards tree 3515, showing completed canopy pruning (yellow arrows). The North side of the tree has been crown raised to 1m. The finished cut diameter has not exceeded 25mm. The pruning has resulted in the removal of less than 10% of the overall live canopy.

Image 345: Looking towards tree 3516 and 3517, showing completed canopy pruning (yellow arrows). The North side of the trees have been crown raised to 1m. The finished cut diameter has not exceeded 30mm. The pruning has resulted in the removal of less than 10% of the overall live canopy of each tree.

Image 346: Looking towards tree 3518 and 3519, showing required canopy pruning (hatched yellow). The North side of the trees are to be crown raised by 1m. The finished cut diameter must not exceed 50mm. The pruning will result in the removal of less than 10% of the overall live canopy of each tree.

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9.12 Bankstown

9.12.1 **South Terrace, Bankstown:** The trees within this area are located within the footprint or adjacent to the proposed CSR/works area. Tree 1488, 1491, 1497, 1498 and 1499 will be in conflict with the works area and are required to be removed. Tree 1477, 1479, 1480, 1489, 1490, 1492, 1493, 1494 and 1496 will require canopy pruning to allow for access to the works area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1477	*Eucalyptus microcorys*	1. Long	A1	5.3	88.2	2.5	Native	High
1479	*Eucalyptus microcorys*	1. Long	A1	4.2	55.4	2.4	Native	High
1480	*Eucalyptus microcorys*	1. Long	A1	4.8	72.4	2.5	Native	High
1488	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
1489	*Eucalyptus microcorys*	1. Long	A1	5.0	78.5	2.4	Native	High
1490	*Eucalyptus microcorys*	1. Long	A1	7.9	196.1	3.2	Native	High
1491	*Eucalyptus saligna*	3. Short	Z9	5.4	91.6	3.4	Native	High
1492	*Eucalyptus microcorys*	1. Long	A1	8.0	201.1	3.1	Native	High
1493	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
1494	*Eucalyptus microcorys*	1. Long	A1	3.8	45.4	2.3	Native	Medium
1496	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
1497	*Eucalyptus microcorys*	1. Long	A1	3.6	40.7	2.5	Native	Medium
1498	*Eucalyptus moluccana*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1499	*Eucalyptus moluccana*	1. Long	A1	2.5	19.6	1.9	Native	Medium

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Image 347: Looking towards tree 1477 and 1479, showing required canopy pruning (hatched yellow). The North side of the trees are to be reduced by 1m from the proposed fence line to a height of 5m above ground level. The finished cut diameters must not exceed 80mm. The pruning will result in the removal of less than 15% of the overall live canopy of each tree.

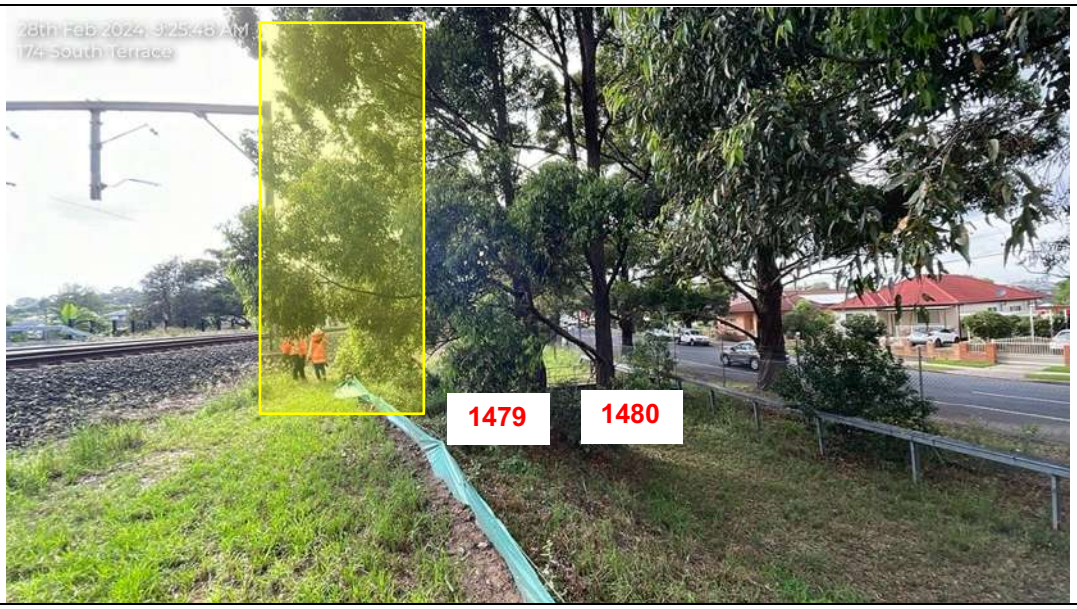

Image 348: Looking towards tree 1479 and 1480, showing required canopy pruning (hatched yellow). The North side of the trees are to be reduced by 1m from the proposed fence line to a height of 5m above ground level. The finished cut diameters must not exceed 80mm. The pruning will result in the removal of less than 15% of the overall live canopy of each tree.

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Image 349: Looking up into the canopy of tree 1489, showing required canopy pruning. The first order 120mm branch to the Northeast at 2m is to be removed. The first order 170mm branch to the North at 2.5m is to be removed. The pruning will result in the removal of 10% of the overall live canopy.

Image 350: Looking up into the canopy of tree 1490, showing required canopy pruning. The first order 150mm branch to the North at 3m is to be removed. The pruning will result in the removal of less than 5% of the overall live canopy.

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Image 351: Looking towards tree 1492, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m from the proposed fence line to a height of 5m above ground level. The finished cut diameters must not exceed 100mm. The pruning will result in the removal of less than 15% of the overall live canopy of the tree.

Image 352: Looking towards tree 1493, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m from the proposed fence line to a height of 5m above ground level. The finished cut diameters must not exceed 50mm. The pruning will result in the removal of less than 15% of the overall live canopy of the tree.

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Image 353: Looking towards tree 1494, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m from the proposed fence line to a height of 5m above ground level. The finished cut diameters must not exceed 70mm. The pruning will result in the removal of less than 15% of the overall live canopy of the tree.

Image 354: Looking towards tree 1496, showing required canopy pruning (hatched yellow). The North side of the tree is to be reduced by 1m from the proposed fence line to a height of 5m above ground level. The finished cut diameters must not exceed 50mm. The pruning will result in the removal of less than 15% of the overall live canopy of the tree.

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9.12.2 **North Terrace, Bankstown:** Tree 1717 will require canopy pruning to allow for the new site access gate. The following tree has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1717	*Angophora costata*	1. Long	A1	4.3	78.5	2.3	Native	High

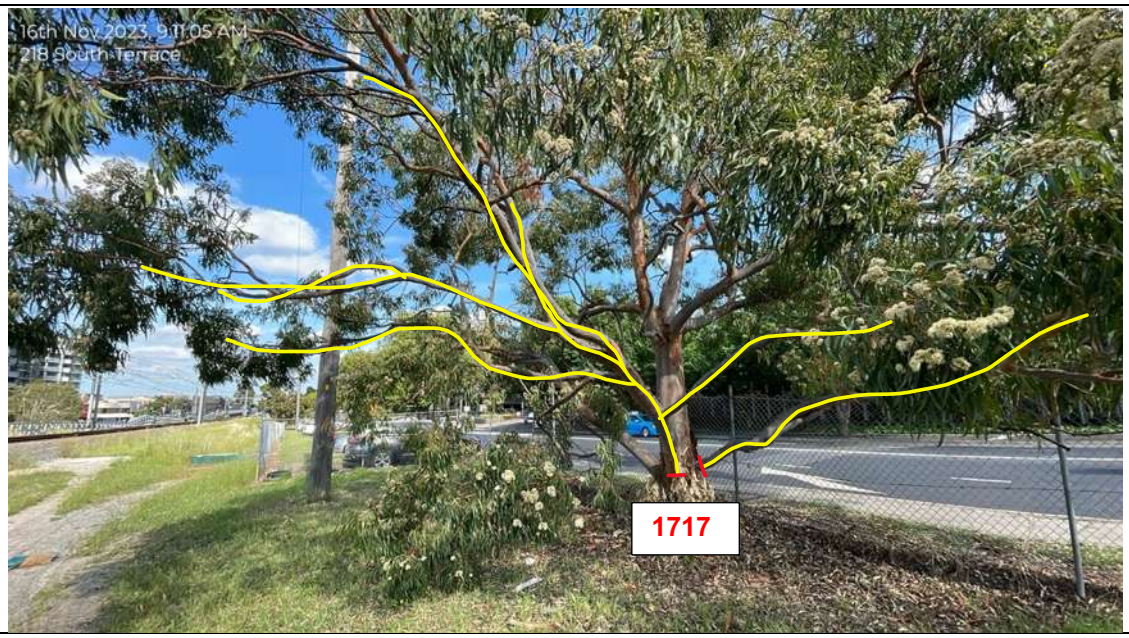

Image 355: Looking towards tree 1717, showing required canopy pruning. The lowest primary branches to the South (250mm diameter) and East (110mm diameter) are to be removed to allow for the access gate construction. The pruning will result in the removal of approximately 25-30% of the live foliage area. The pruning is considered significant, but is a preferred option to whole tree removal.

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9.12.3 **Bridge - Stacey Street and Hardstand, Bankstown:** The trees within this area are located adjacent to the new protection screens, hard stand/works area, and CSR construction. Tree 1510, 1511, 1513, 1514, 1516 and 3493 will be in conflict with the works area and are required to be removed. Insignificant small weed species are also to be removed to accommodate the proposed works area. Tree 1512 and 3492 will require canopy pruning to allow for the works. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1510	*Eucalyptus microcorys*	1. Long	A1	4.2	55.4	2.3	Native	High
1511	*Eucalyptus microcorys*	2. Medium	A1	2.9	26.4	2.0	Native	Medium
1512	*Eucalyptus microcorys*	1. Long	A1	6.6	136.8	2.7	Native	High
1513	*Cinnamomum camphora*	4. Remove	Z4	7.2	162.9	2.8	Exotic	Low
1514	*Cinnamomum camphora*	5. Small/Young	Z4	6.6	136.8	2.6	Exotic	Low
1516	*Cinnamomum camphora*	4. Remove	Z4	6.0	113.1	2.6	Exotic	Low
3492	*Acacia parramattensis*	5. Small/Young	Z1	2.4	18.1	1.7	Native	Low
3493	*Corymbia citriodora*	3. Short	Z9	2.3	16.6	2.4	Native	Medium

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Image 356: Showing tree 1510, recommended for removal due to development impacts from the proposed works area.

Image 357: Showing tree 1511, recommended for removal due to development impacts from the proposed works area.

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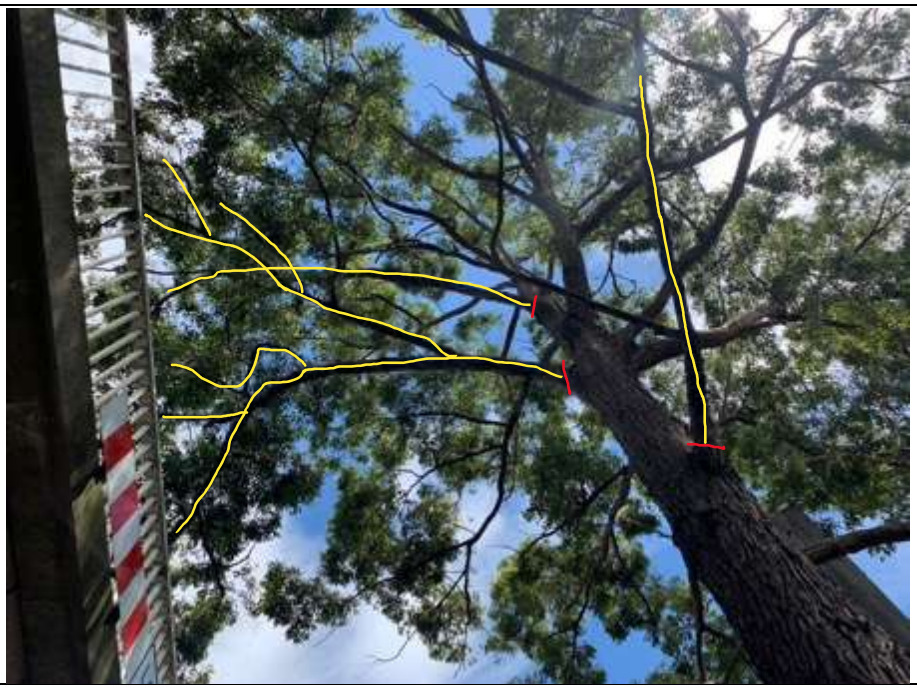

Image 358: Looking up into the canopy of tree 1512, showing required canopy pruning. The dead branch to the North at 5m is to be removed. The first order 150mm branch to the East at 7m is to be removed. The second order 140mm branch to the East at 9m is to be removed. The pruning will result in the removal of 10% of the overall live canopy.

Image 359: Showing small weed species (Cotoneaster) to be removed for the proposed works area.

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Image 360: Looking towards tree 3492, showing required canopy pruning (hatched yellow). The South side of the tree is to be crown raised to 2m. The finished cut diameter must not exceed 50mm. The pruning will result in the removal of less than 10% of the overall live canopy.

Image 361: Showing tree 3493, recommended for removal due to development impacts from the proposed drainage, CSR and access track. The smaller sapling to the right is part of tree 3493, as both tree parts are regrowth from a lopped stump.

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9.12.4 **South Terrace Access Points, Bankstown:** The trees within this area are located within the footprint or directly adjacent to the proposed access points to the corridor or CSR/works area. Tree 1522, 1523, 1526 and 1527 are required to be removed. Tree 1528 requires canopy pruning to provide vehicle clearance at the new access gate. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1522	*Eucalyptus microcorys*	1. Long	A1	5.3	88.2	2.5	Native	High
1523	*Cinnamomum camphora*	3. Short	Z3	6.0	113.1	2.6	Exotic	Low
1526	*Cinnamomum camphora*	2. Medium	Z3	3.8	45.4	2.3	Exotic	Low
1527	*Cinnamomum camphora*	2. Medium	Z3	6.0	113.1	2.5	Exotic	Low
1528	*Cinnamomum camphora*	2. Medium	Z3	5.7	102.1	2.6	Exotic	Low

Image 362: Looking towards tree 1528 showing required pruning. The East side of the can. The finished cut diameters must not exceed 50mm. One dead branch and one second order branch to the East are to be removed to accommodate the new access gate. Branches marked yellow, final pruning cuts marked red.

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9.12.5 **Bus Stop, Bankstown, South side of tracks:** One tree within this area will be located directly adjacent to a proposed structure/construction traffic areas, tree 1569. The tree has been recommended for removal due to impacts from the proposed development. The following tree has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1569	*Lophostemon confertus*	1. Long	A1	6.6	136.8	2.7	Native	High

Image 363: Looking towards tree 1569, recommended for removal due to impacts from the proposed development.

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9.12.6 **Access gate/laydown, Bankstown, North side of tracks:** The trees located within this area will require canopy pruning to allow for vehicle access and construction works, including tree 1672 and 1673. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1672	*Ficus macrocarpa var. hillii*	2. Medium	A1	11.6	422.7	3.4	Native	High
1673	*Ficus macrocarpa var. hillii*	2. Medium	A1	8.4	221.7	3.2	Native	High

Image 364: Looking towards tree 1672 and 1673 showing required pruning (hatched yellow). The trees are to be crown raised to a height of 4m by minor tip pruning only. The finished cut diameters must not exceed 50mm. The pruning will result in the removal of less than 5% of the overall live canopy of each tree.

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Image 365: Looking towards tree 1672 showing required pruning (hatched yellow). The tree is to be crown raised to a height of 4m by minor tip pruning only. The finished cut diameters must not exceed 50mm. The pruning will result in the removal of less than 5% of the overall live canopy of the tree.

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9.12.7 **Public Carpark, Bankstown, North side of tracks:** The trees located within this area will require canopy pruning to allow for vehicle access and construction works, including tree 1676, 1677, 1678, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1690 and 1691. The following tree has been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1676	*Lophostemon confertus*	1. Long	A1	4.8	72.4	2.4	Native	High
1677	*Grevillea robusta*	4. Remove	Z5	2.9	26.4	1.9	Native	Medium
1678	*Celtis sinensis*	2. Medium	Z3	3.0	28.3	2.3	Exotic	Low
1680	*Lophostemon confertus*	2. Medium	A2	5.6	98.5	2.5	Native	High
1681	*Lophostemon confertus*	1. Long	A1	5.9	109.4	2.6	Native	High
1682	*Lophostemon confertus*	2. Medium	A2	6.0	113.1	2.6	Native	High
1683	*Lophostemon confertus*	1. Long	A1	6.0	113.1	2.6	Native	High
1684	*Lophostemon confertus*	1. Long	A1	2.6	21.2	1.9	Native	Medium
1685	*Cinnamomum camphora*	2. Medium	Z3	6.0	113.1	2.6	Exotic	Low
1686	*Grevillea robusta*	3. Short	Z9	5.6	98.5	2.6	Native	Medium
1690	*Cinnamomum camphora*	4. Remove	Z5	4.2	55.4	2.5	Exotic	Low
1691	*Celtis sinensis*	3. Short	Z3	4.2	55.4	2.1	Exotic	Low

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Image 366: Looking towards tree 1676 showing required pruning (hatched yellow). The South side of the canopy is to be reduced, in line with the timber railing below. The pruning will result in the removal of 10% of the overall live canopy.

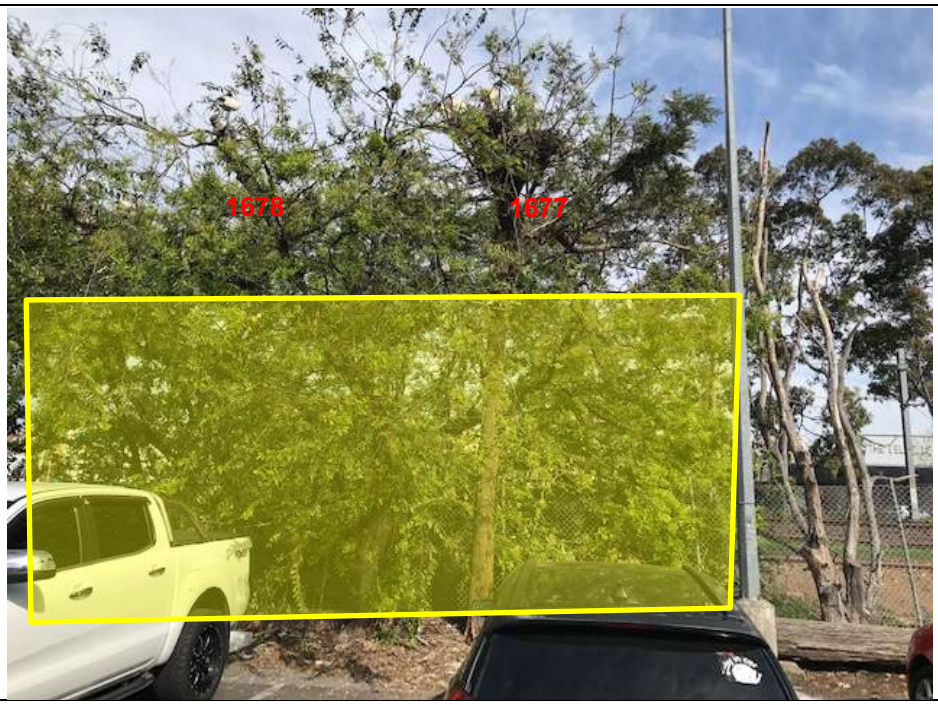

Image 367: Looking towards tree 1677 and 1678 showing required pruning (hatched yellow). The North side of the canopy is to be raised to a height of 5m to allow for truck access. The pruning will result in the removal of 10-15% of the overall live canopy of each tree. The Ibis nests are not to be disturbed.

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Image 368: Looking towards tree 1680. The branches to be removed have been marked yellow. The final pruning cut location has been marked red. The pruning will result in the removal of 30-40% of the overall live canopy. This is considered significant canopy pruning, however, it is a preferred option to tree removal.

Image 369: Looking towards tree 1681 showing required pruning (hatched yellow). The South side of the canopy is to be reduced, in line with the timber railing below. The pruning will result in the removal of 10-15% of the overall live canopy.

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Image 370: Looking towards tree 1682 showing required pruning (hatched yellow). The South side of the canopy is to be reduced, in line with the timber railing below. The pruning will result in the removal of less than 5% of the overall live canopy.

Image 371: Looking towards tree 1683 showing required pruning (hatched yellow). The South side of the canopy is to be reduced, in line with the timber railing below. The pruning will result in the removal of 10-15% of the overall live canopy.

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Image 372: Looking towards tree 1684 showing required pruning (hatched yellow). The South side of the canopy is to be reduced, in line with the timber railing below. The pruning will result in the removal of less than 5% of the overall live canopy.

Image 373: Looking towards tree 1685 showing required pruning (hatched yellow). The North side of the canopy is to be raised to a height of 5m to allow for truck access. The pruning will result in the removal of 10% of the overall live canopy. The Ibis nests are not to be disturbed.

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Image 374: Looking towards tree 1686 showing required pruning (hatched yellow). The North side of the canopy is to be raised to a height of 5m to allow for truck access. The pruning will result in the removal of 5% of the overall live canopy. The Ibis nests are not to be disturbed.

Image 375: Looking towards tree 1690 showing required pruning (hatched yellow). The North side of the canopy is to be raised to a height of 5m to allow for truck access. The pruning will result in the removal of 5% of the overall live canopy. The Ibis nests are not to be disturbed.

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Image 376: Looking towards tree 1691 showing required pruning (hatched yellow). The North side of the canopy is to be reduced to allow for truck access. The pruning will result in the removal of 5% of the overall live canopy.

9.12.8 **North Terrace Access Points, Bankstown:** The trees within this area are located within the footprint or directly adjacent to the proposed access point for the haul road or CSR/works area. Tree 1723 and 1724 require canopy pruning to provide clearance heavy vehicle access. Tree 1732, 1734, 1735, 1737, 1738, 1739 and 1759 are required to be removed. Insignificant shrubs located between tree 1732-1739 require canopy pruning for access. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1723	*Eucalyptus microcorys*	1. Long	A1	6.0	113.1	2.9	Native	High
1724	*Eucalyptus microcorys*	1. Long	A1	4.8	72.4	2.4	Native	High
1732	*Eucalyptus spp*	3. Short	Z10	3.1	30.2	2.0	Native	Medium
1734	*Eucalyptus spp*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1735	*Eucalyptus spp*	1. Long	A1	2.3	16.6	1.7	Native	Medium
1737	*Eucalyptus spp*	4. Remove	Z5	4.7	69.4	2.5	Native	Medium
1738	*Eucalyptus spp*	4. Remove	Z5	2.5	19.6	2.0	Native	Medium
1739	*Eucalyptus spp*	3. Short	Z10	3.2	32.2	2.0	Native	Medium
1759	*Acacia spp*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low

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Image 377: Looking towards tree 1723 and 1724 showing required pruning. Two second order branches to the SE are to be removed for tree 1723. One first order branch to the Northwest is to be removed for tree 1724. Branches marked yellow, final pruning cuts marked red.

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9.12.9 **Bankstown Station:** The trees within this area are located within the footprint or directly adjacent to the proposed high voltage services. Tree 1627 and 1633 are required to be removed. Insignificant shrubs adjacent to these trees are also required to be removed. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1627	*Strelitzia nicolai*	2. Medium	A1	3.0	28.3	NA	Exotic	Medium
1633	*Melaleuca quinquenervia*	4. Remove	Z4	2.3	16.6	1.8	Native	Low

Image 378: Looking towards tree 3494 showing required pruning (hatched yellow). The South side of the canopy is to be reduced by 1.5m. The finished cut diameters must not exceed 50mm. The pruning will result in the removal of less than 10% of the overall live canopy.

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9.12.10 **Depot Place laydown, Bankstown, Western side of Station:** The trees located within this area will require canopy pruning to allow for vehicle access, including tree 3494, 3495, 3496 and 3497. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3494	*Triadica sebifera*	2. Medium	Z3	2.4	18.1	1.8	Exotic	Low
3495	*Acacia saligna*	2. Medium	A1	4.3	58.1	2.2	Native	Medium
3496	*Acacia saligna*	2. Medium	A1	3.4	36.3	1.9	Native	Medium
3497	*Acacia saligna*	2. Medium	A1	3.2	32.2	2.2	Native	Medium

Image 379: Looking towards tree 3494 showing required pruning (hatched yellow). The South side of the canopy is to be reduced by 1.5m. The finished cut diameters must not exceed 50mm. The pruning will result in the removal of less than 10% of the overall live canopy.

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Image 380: Looking towards tree 3495, 3496 and 3497, showing required pruning (hatched yellow). The South side of the canopy of each tree is to be raised to 6m. The finished cut diameters must not exceed 80mm. The pruning will result in the removal of less than 10% of the overall live canopy of each tree.

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10. CONCLUSIONS

10.1 **Table 2:** Summary of the impact to trees and *vegetation* by the development;

Impact	Reason	Category A	Category Z	TOTAL
		A	Z	
Trees recommended to be removed	Installation of services, construction works areas, fencing, vehicle access	CC19, CC20, CC48, 122, 123, 124, 257, 605, 680, 681, 693, 694, 731, 1061, 1073, 1276, 1279, 1337, 1497, 1499, 1510, 1511, 1522, 1569, 1627, 1735, 1794, 1797, 1858, 1868, 1961, 1989, 1990, 1991, 2000, 2042, 2046, 2065, 2074, 2078, 2085, 2097, 2098, 2304, 2306, 2307, 2308, 2314, 2315, 2317, 2318, 2325, 2327, 2817, 2819, 3180, 3213, 3214, 3276, 3277, 3278, 3279, 3281, 3282, 3438, 3528, 3529, 3530, 3532, 3544, 3546, 3547, 3548, 3549, 3550, 3551, 3556 (77 trees)	CC37, CC43a, CC43b, CC44, CC46, CC47, CC63, CC63a, CC63b, CC63c, 82a, 82d, 125, 255, 256, 287, 288, 289, 294, 295, 305, 498, 543, 777, 778, 785, 1047, 1049, 1051, 1052, 1072, 1277, 1336, 1338, 1339, 1340, 1488, 1491, 1498, 1513, 1514, 1516, 1523, 1526, 1527, 1633, 1732, 1734, 1737, 1738, 1739, 1759, 1776, 1796, 1799, 1822, 1825, 1869, 1935, 1940, 1942, 1987, 1988, 1995, 1997, 1998, 1999, 2038, 2041, 2044, 2047, 2048, 2049, 2050, 2061, 2062, 2066, 2067, 2070, 2075, 2075, 2077, 2080, 2096, 2296, 2305, 2313, 2316, 2322, 2323, 2324, 2326, 2328, 2818, 2820, 2821, 2869, 2872, 3178, 3181, 3211, 3215, 3216, 3280, 3286, 3287, 3288, 3295, 3375, 3383, 3384, 3385, 3386, 3387, 3434, 3435, 3436, 3437, 3439, 3440, 3441, 3442, 3443, 3444, 3445, 3446, 3447, 3448, 3449, 3450, 3451, 3452, 3455, 3456, 3457, 3458, 3459, 3460, 3461, 3462, 3464, 3465, 3472, 3473, 3474, 3475, 3476, 3478, 3479, 3480, 3483, 3484, 3493, 3502, 3503, 3512, 3520, 3521, 3522, 3523, 3524, 3525, 3526, 3527, 3531, 3533, 3534, 3535, 3536, 3537, 3538, 3539, 3540, 3541, 3542, 3543, 3545, 3552, 3553, 3554, 3555, G5a, G6, G17, G18, G21, G23, G24, G29, G30, G31, G31a (181 trees and 11 groups of trees)	**258 trees and 11 groups of trees**
Vegetation recommended to be removed	Installation of services, construction works areas, vehicle access	None	3293, 3294 (2 veg)	**2 veg**
Trees recommended to be retained requiring canopy pruning	Clearance for construction works i.e. vehicle access, GST, GLT, Service trenching, fencing, etc.	CC9, CC17, CC18, CC21, CC22, CC23, CC24, CC25, CC27, CC28, CC61, CC62, 15, 17, 74, 79, 86, 87, 88, 115, 118, 119, 120, 121, 409, 410, 414, 692, 724, 797, 798, 799, 800, 802, 803, 911, 912, 913, 914, 915, 916, 917, 950, 951, 987, 989, 1046, 1060, 1063, 1064, 1065, 1066, 1067, 1069, 1070, 1071, 1134, 1141, 1202, 1216, 1226, 1241, 1245, 1255, 1256, 1263, 1265, 1270, 1272, 1273, 1299, 1302, 1304, 1307, 1309, 1314, 1357, 1362, 1364, 1365, 1367, 1368, 1377, 1386, 1390, 1418, 1421, 1427, 1449, 1477, 1479, 1480, 1489, 1490, 1492, 1494, 1512, 1672, 1673, 1676, 1680, 1681, 1682, 1683, 1684, 1717, 1723, 1724, 1788, 1820, 1837, 1838, 1847, 1850, 1852, 1861, 1927, 1931, 1933, 2005, 2006, 2007, 2040, 2054, 2071, 2091, 2093, 2094, 2095, 2101, 2105, 2106, 2107, 2108, 2129, 2163, 2301, 2302, 2303, 2377, 2378, 2868, 2870, 3069, 3175, 3292, 3296, 3377, 3453, 3454, 3467, 3468, 3469, 3495, 3496, 3497, G26 (156 trees and 1 group of trees)	CC29, CC31, CC38, CC39, CC40, CC41, CC42, CC43, CC54a, CC61a, 75, 415, 539, 540, 542, 684, 727, 788, 789, 801, 961, 1215, 1227, 1228, 1233, 1246, 1258, 1360, 1373, 1374, 1388, 1417, 1432, 1493, 1496, 1528, 1677, 1678, 1685, 1686, 1690, 1691, 1778, 1803, 1811, 1815, 1818, 1832, 1833, 1834, 1836, 1839, 1848, 1851, 1854, 1855, 1860, 1862, 1905, 1907, 1930, 1932, 1934, 1938, 2008, 2068, 2090, 2099, 2100, 2102, 2319, 2320, 2321, 2871, 3125, 3128, 3179, 3376, 3378, 3381, 3463, 3470, 3471, 3477, 3481, 3482, 3485, 3486, 3487, 3488, 3489, 3490, 3491, 3492, 3494, 3498, 3499, 3500, 3504, 3506, 3507, 3508, 3510, 3511, 3513, 3514, 3515, 3516, 3517, 3518, 3519, G22, G28 (111 trees and 2 group of trees)	**267 trees and 3 group of trees**
Vegetation recommended to be retained requiring canopy pruning	Clearance for construction works i.e. vehicle access, GST, GLT, Service trenching etc.	None	G27 (1 group of veg)	**1 group of veg**
Trees recommended to be retained subject to no construction impacts	Installation of services, construction works areas, vehicle access will not impact the trees	CC26, CC60, 503, 510, 1300, 1301, 1306, 1308, (8 trees)	CC30, 81, 81a, 81b, 82, 126, 292, 293, 508, 509, 782, 1303, 1305, 3379, 3380, 3466 (16 trees)	**24 trees**

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11. RECOMMENDATIONS

11.1 This report assesses the impact of a proposed development to five hundred and forty-nine (549) trees, fourteen (14) group of trees, two (2) *vegetation* and one (1) group of *vegetation* that are located at selected areas around the development site.

11.2 Two hundred and fifty-eight (258) trees and eleven (11) groups of trees have been recommended for removal to accommodate the development, including tree CC19, CC20, CC37, CC43a, CC43b, CC44, CC46, CC47, CC48, CC63, CC63a, CC63b, CC63c, 82a, 82d, 122, 123, 124, 125, 255, 256, 257, 287, 288, 289, 294, 295, 305, 498, 543, 605, 680, 681, 693, 694, 731, 777, 778, 785, 1047, 1049, 1051, 1052, 1061, 1072, 1073, 1276, 1277, 1279, 1336, 1337, 1338, 1339, 1340, 1488, 1491, 1497, 1498, 1499, 1510, 1511, 1513, 1514, 1516, 1522, 1523, 1526, 1527, 1569, 1627, 1633, 1732, 1734, 1735, 1737, 1738, 1739, 1759, 1776, 1794, 1796, 1797, 1799, 1822, 1825, 1858, 1868, 1869, 1935, 1940, 1942, 1961, 1987, 1988, 1989, 1990, 1991, 1995, 1997, 1998, 1999, 2000, 2038, 2041, 2042, 2044, 2046, 2047, 2048, 2049, 2050, 2061, 2062, 2065, 2066, 2067, 2070, 2074, 2075, 2075, 2077, 2078, 2080, 2085, 2096, 2097, 2098, 2296, 2304, 2305, 2306, 2307, 2308, 2313, 2314, 2315, 2316, 2317, 2318, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2817, 2818, 2819, 2820, 2821, 2869, 2872, 3178, 3180, 3181, 3211, 3213, 3214, 3215, 3216, 3276, 3277, 3278, 3279, 3280, 3281, 3282, 3286, 3287, 3288, 3295, 3375, 3383, 3384, 3385, 3386, 3387, 3434, 3435, 3436, 3437, 3438, 3439, 3440, 3441, 3442, 3443, 3444, 3445, 3446, 3447, 3448, 3449, 3450, 3451, 3452, 3455, 3456, 3457, 3458, 3459, 3460, 3461, 3462, 3464, 3465, 3472, 3473, 3474, 3475, 3476, 3478, 3479, 3480, 3483, 3484, 3493, 3502, 3503, 3512, 3520, 3521, 3522, 3523, 3524, 3525, 3526, 3527, 3528, 3529, 3530, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3538, 3539, 3540, 3541, 3542, 3543, 3544, 3545, 3546, 3547, 3548, 3549, 3550, 3551, 3552, 3553, 3554, 3555, 3556, G5a, G6, G17, G18, G21, G23, G24, G29, G30, G31 and G31a. See Table 2 for recommended tree removal by retention values.

11.3 Two (2) *vegetation* have been recommended for removal to accommodate the development, including *vegetation* 3293 and 3294. Both 3293 and 3294 have a category Z retention value and should generally not be a constraint to development.

11.4 Two hundred and sixty-seven (267) trees and three (3) groups of trees have been identified for canopy pruning to provide clearance for proposed construction works, including tree CC9, CC17, CC18, CC21, CC22, CC23, CC24, CC25, CC27, CC28, CC29, CC31, CC38, CC39, CC40, CC41, CC42, CC43, CC54a, CC61, CC61a, CC62, 15, 17, 74, 75, 79, 86, 87, 88, 115, 118, 119, 120, 121, 409, 410, 414, 415, 539, 540, 542, 684, 692, 724, 727, 788, 789, 797, 798, 799, 800, 801, 802, 803, 911, 912, 913, 914, 915, 916, 917, 950, 951, 961, 987, 989, 1046, 1060, 1063, 1064, 1065, 1066, 1067, 1069, 1070, 1071, 1134, 1141, 1202, 1215, 1216, 1226, 1227, 1228, 1233, 1241, 1245, 1246, 1255, 1256, 1258, 1263, 1265, 1270, 1272, 1273, 1299, 1302, 1304, 1307, 1309, 1314, 1357, 1360, 1362, 1364, 1365, 1367, 1368, 1373, 1374, 1377, 1386, 1388, 1390, 1417, 1418, 1421, 1427, 1432, 1449, 1477, 1479, 1480, 1489, 1490, 1492, 1493, 1494, 1496, 1512, 1528, 1672, 1673, 1676, 1677, 1678, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1690, 1691, 1717, 1723, 1724, 1778, 1788, 1803, 1811, 1815, 1818, 1820, 1832, 1833, 1834, 1836, 1837, 1838, 1839, 1847, 1848, 1850, 1851, 1852, 1854, 1855, 1860, 1861, 1862, 1905, 1907, 1927, 1930, 1931, 1932, 1933, 1934, 1938, 2005, 2006, 2007, 2008, 2040, 2054, 2068, 2071, 2090, 2091, 2093, 2094, 2095, 2099, 2100, 2101, 2102, 2105, 2106, 2107, 2108, 2129, 2163, 2301, 2302, 2303, 2319, 2320, 2321, 2377, 2378, 2868, 2870, 2871, 3069, 3125, 3128, 3175, 3179, 3292, 3296, 3376, 3377, 3378, 3381, 3453, 3454, 3463, 3467, 3468, 3469, 3470, 3471, 3477, 3481, 3482, 3485, 3486, 3487, 3488, 3489, 3490, 3491, 3492, 3494, 3495, 3496, 3497, 3498, 3499, 3500, 3504, 3506, 3507, 3508, 3510, 3511, 3513, 3514, 3515, 3516, 3517, 3518, 3519, G22, G26 and G28. Refer to section 9 for canopy pruning specifications. All pruning works must be completed in accordance with AS4373-2007 Pruning of Amenity Trees.

11.5 One (1) group of *vegetation* (12 individuals) has been identified for canopy pruning to provide clearance for proposed construction works, including *vegetation* G27. Refer to section 9 for canopy pruning specifications. All pruning works must be completed in accordance with AS4373-2007 Pruning of Amenity Trees.

11.6 Twenty-four (24) additional trees will not be impacted by the development and can be retained in a viable condition, including tree CC26, CC30, CC60, 81, 81a, 81b, 82, 126, 292, 293, 503, 508, 509, 510, 782, 1300, 1301, 1303, 1305, 1306, 1308, 3379, 3380 and 3466.

11.7 All trees and *vegetation* that require canopy pruning can be retained in a viable condition. All trees and *vegetation* to be retained must be protected in accordance with AS4970-2009, details of which are included in section 12 of this report.

11.8 Site plans with the locations marked are listed in section 1.2 of this report.

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12. TREE PROTECTION REQUIREMENTS

12.1 **Use of this report:** All contractors must be made aware of the tree protection requirements prior to commencing works at the site. This report and a copy of the site plans (Appendix 1) drawing must also be made available to any contractor prior to works commencing and during any on site operations.

12.2 **Project Arborist:** Prior to any works commencing at the site a project Arborist should be appointed. The project Arborist should be qualified to a minimum AQF level 5 and/or equivalent qualifications and experience and should assist with any development issues relating to trees that may arise. If at any time it is not feasible to carryout works in accordance with this, an alternative must be agreed in writing with the project Arborist.

12.3 **Tree work:** All tree work should be carried out by a qualified and experienced Arborist with a minimum of AQF level 3 in arboriculture, in accordance with NSW Work Cover Code of Practice for the Amenity Tree Industry (1998) and AS4373 Pruning of amenity trees (2007).

12.4 **Initial site meeting/on-going regular inspections:** The project Arborist is to hold a pre-construction site meeting with principal contractor to discuss methods and importance of tree protection measures and resolve any issues in relation to tree protection that may arise. In accordance with AS4970-2009, the project Arborist should carryout regular site inspections to ensure works are carried out in accordance with this document throughout the development process. Site inspections are recommended on a monthly frequency throughout the development.

12.5 **Site Specific Tree Protection Recommendations:** Site specific tree protection measures should be specified by the project Arborist during the initial site meeting, prior to development works. All development works that are within the TPZ of the trees to be retained should be discussed during this meeting and required tree protection measures agreed in writing.

12.6 **Tree Protection Specifications:** It is the responsibility of the principal contractor to install tree protection prior to works commencing at the site (prior to demolition works) and to ensure that the tree protection remains in adequate condition for the duration of the development. The tree protection must not be moved without prior agreement of the project Arborist. The project Arborist must inspect that the tree protection has been installed in accordance with this document and AS4970-2009 prior to works commencing.

12.6.1 Protective fencing: The protective fencing must be constructed from materials that complies with all other relevant standards for fencing and temporary structures within the rail corridor, i.e. bollards, flagging etc. The fencing should only be removed for the landscaping/soft works phase. Where it is not feasible to install fencing at the specified location due to factors such as restricting access to areas of the site or for constructing new structures, an alternative location should be specified and must be installed in accordance with AS4970-2009.

12.6.2 TPZ signage: Tree protection signage is to be attached to the protective fencing, displayed in a prominent position and the sign repeated at 10 metres intervals or closer where the fence changes direction. Each sign shall contain in a clearly legible form, the following information:

- Tree protection zone/No access.
- This fence has been installed to prevent damage to the tree/s and their growing environment both above and below ground. Do not move fencing or enter TPZ without the agreement of the project Arborist.
- The name, address, and telephone number of the developer/builder and project Arborist

12.6.3 Trunk and Branch Protection: The trunk must be protected by wrapped hessian or similar material to limit damage. Timber planks (50mm x 100mm or similar) should then be placed around tree trunk. The timber planks should be spaced at 100mm intervals and must be fixed against the trunk with tie wire or strapping and connections finished or covered to protect pedestrians from injury. The hessian and timber planks must not be fixed to the tree in any instance. The trunk and branch protection shall be installed prior to any work commencing on site and shall be maintained in good condition for the entire development period.

12.6.4 Mulch: Any areas of the TPZ located inside the subject site must be mulched to a depth of 75mm with good quality mulch. Mulch must not be built-up around the trunk the trees as it can cause collar rot.

12.6.5 Ground Protection: Ground protection is required to protect the underlying soil structure and root system in areas where it is not practical to restrict access to whole TPZ, while allowing space for construction. Ground protection must consist of good quality composted wood chip/leaf mulch to a depth of between 150-300mm, laid on top of geo textile fabric. If vehicles are to be using the area, additional protection will be required such as rumble boards or track mats to spread the weight of the vehicle and avoid load points. Ground protection is to be specified by the project Arborist as required.

12.6.6 Temporary irrigation: Temporary irrigation should distribute water evenly throughout the area of the TPZ. The irrigation should be used for at minimum one hour daily throughout all stages of the development.

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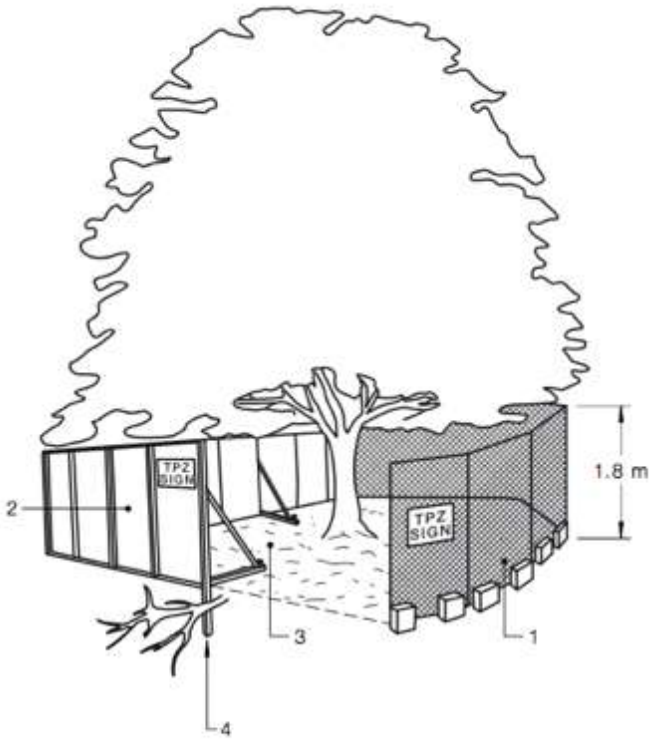

LEGEND:
1 Chain wire mesh panels with shade cloth (if required) attached, held in place with concrete feet.
2 Alternative plywood or wooden paling fence panels. This fencing material also prevents building materials or soil entering the TPZ.
3 Mulch installation across surface of TPZ (at the discretion 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.

An image from AS4970-2009,[9] with example tree protection.

[9] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 16.

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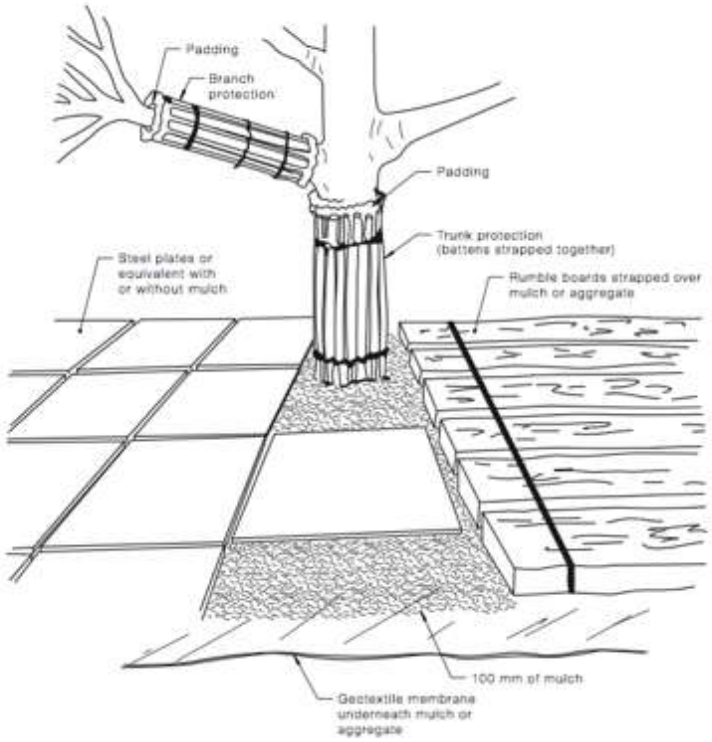

An image from AS4970-2009,[10] with example tree protection.

12.7 **Restricted activities inside TPZ:** The following activities must be avoided inside the TPZ of all trees to be retained unless approved by the project Arborist. If at any time these activities cannot be avoided an alternative must be agreed in writing with the project Arborist to minimise the impact to the tree.

A) Machine excavation.
B) Ripping or cultivation of soil.
C) Storage of spoil, soil or any such materials
D) Preparation of chemicals, including preparation of cement products.
E) Refuelling.
F) Dumping of waste.
G) Wash down and cleaning of equipment.
H) Placement of fill.
I) Lighting of fires.
J) Soil level changes.
K) Any physical damage to the crown, trunk, or root system.
L) Parking of vehicles.

[10] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 17.

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12.8 **Demolition:** The demolition of all existing structures inside or directly adjacent to the TPZ of trees to be retained must be undertaken in consultation with the project Arborist. Any machinery is to work from inside the footprint of the existing structures or outside the TPZ, reaching in to minimise soil disturbance and compaction. If it is not feasible to locate demolition machinery outside the TPZ of trees to be retained, ground protection will be required. The demolition should be undertaken inwards into the footprint of the existing structures, sometimes referred to as the 'top down, pull back' method.

12.9 **Excavations:** The project Arborist must supervise and certify that all excavations and root pruning are in accordance with AS4373-2007 and AS4970-2009. For continuous strip footings, first manual excavation is required along the edge of the structures closest to the subject trees. Manual excavation should be a depth of 1 metre (or to unfavourable root growth conditions such as bed rock or heavy clay, if agreed by project Arborist). Next roots must be pruned back in accordance with AS4373-2007. After all root pruning is completed, machine excavation is permitted within the footprint of the structure. For tree sensitive footings, such as pier and beam, all excavations inside the TPZ must be manual. Manual excavation may include the use of pneumatic and hydraulic tools, high-pressure air or a combination of high-pressure water and a vacuum device. No pruning of roots greater 40mm in diameter is to be carried out without approval of the project arborist. All pruning of roots greater than 40mm in diameter must be carried out by a qualified Arborist/Horticulturalist with a minimum AQF level 3. Root pruning is to be a clean cut with a sharp tool in accordance with AS4373 Pruning of amenity trees (2007).[11] The tree root is to be pruned back to a branch root if possible. Make a clean cut and leave as small a wound as possible.

12.10 **Sediment and Contamination:** All contamination run off from the development such as but not limited to concrete, sediment and toxic wastes must be prevented from entering the TPZ at all times.

12.11 **Tree Wounding/Injury:** Any wounding or injury that occurs to a tree during the construction process will require the project Arborist to be contacted for an assessment of the injury and provide mitigation/remediation advice. It is generally accepted that trees may take many years to decline and eventually die from root damage. All repair work is to be carried out by the project Arborist, at the contractor's expense.

12.12 **Completion of Development Works:** After all construction works are complete the project Arborist should assess that the subject trees have been retained in the same condition and vigour. If changes to condition are identified the project Arborist should provide recommendations for remediation.

[11] Council Of Standards Australia, *AS 4373 Pruning of amenity trees* (2007) page 18

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13. CONSTRUCTION HOLD POINTS FOR TREE PROTECTION

13.1 **Hold Points:** Below is a sequence of hold points requiring project Arborist certification throughout the development process**.** It provides a list of hold points that must be checked and certified. All certification must be provided in written format upon completion of the development. The final certification must include details of any instructions for remediation undertaken during the development. The principal contractor should be responsible for implementing all tree protection requirements.

Hold Point	Stage	Date Completed and Signature of Project Arborist Responsible
Project Arborist to hold pre construction site meeting with principal contractor to discuss methods and importance of tree protection measures and resolve any issues in relation to feasibility of tree protection requirements that may arise. Project Arborist to mark all trees approved for removal.	Prior to development work commencing	
Project Arborist to assess and certify that tree protection has been installed in accordance with AS4970-2009 prior to works commencing at site.	Prior to development work commencing.	
In accordance with AS4970-2009 the project arborist should carryout regular site inspections to ensure works are carried out in accordance with the recommendations. Site inspection are recommended on a monthly frequency.	On-going throughout the development	
The removal of existing structures inside the TPZ of any tree to be retained, such as the existing buildings and hard surfaces, must be completed in consultation with the Project Arborist.	Demolition	
The Project Arborist must be consulted with for all manual excavations and root pruning inside the TPZ of any tree to be retained. Project Arborist to approve all pruning of roots greater than 40mm inside TPZ. All root pruning of roots greater than 40mm in diameter must be carried out by a qualified Arborist/Horticulturalist with a minimum AQF level 3.	Construction	
Project Arborist to certify that all underground services including storm water inside TPZ of any tree to be retained have been installed in accordance with AS4970-2009.	Construction	
Project Arborist to approve relocation of tree protection for landscaping. All landscaping works within the TPZ of trees to be retained are to be undertaken in consultation with the project Arborist to minimise the impact to trees.	Construction/ Landscape	
After all demolition, construction and landscaping works are complete the project Arborist should assess that the subject trees have been retained in the same condition and vigour. If changes to condition are identified the project Arborist should provide recommendations for remediation.	Upon completion of development	

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- *Canterbury Bankstown Local Environmental Plan 2023*, https://legislation.nsw.gov.au/view/html/inforce/current/epi-2023-0336
- *Canterbury Bankstown Development Control Plan 2023*, https://www.cbcity.nsw.gov.au/development/planning-control-policies/canterbury-bankstown-development-control-plan-2023

15. LIST OF APPENDICES

The following are included in the appendices:

- Appendix 2 - Tree inspection schedule
- Appendix 3 - Definition of Methodology

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Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
CC9	Swamp Sheoak	*Casuarina glauca*	Mature	24	6	470					470	550	Good	Good	High	1. Long	A1	5.6	2.6	Group of 10 trees. Western most trees within group require canopy pruning. Crown raise the lowest Western and North Western branches. Max finsihed cut diameter of 150mm.	Prune
CC17	Queensland Brushbox	*Lophostemon confertus*	Mature	20	9	800	500	600			1118	900	Good	Good	High	1. Long	A1	13.4	3.2	Potential removal - if removal is not required, crown raise North side of canopy to 8m.	Prune
CC18	Queensland Brushbox	*Lophostemon confertus*	Mature	20	8	800					800	850	Good	Good	High	1. Long	A1	9.6	3.1	Potential removal - if removal is not required, crown raise North side of canopy to 8m.	Prune
CC19	Queensland Brushbox	*Lophostemon confertus*	Mature	22	8	850					850	900	Good	Good	High	1. Long	A1	10.2	3.2	Crown raise North side of canopy to 8m.	Remove
CC20	Queensland Brushbox	*Lophostemon confertus*	Mature	22	8	800					800	850	Good	Good	High	1. Long	A1	9.6	3.1	Crown raise North side of canopy to 8m.	Remove
CC21	Queensland Brushbox	*Lophostemon confertus*	Mature	22	8	720					720	780	Good	Good	High	1. Long	A1	8.6	3.0	Crown raise North side of canopy to 8m.	Prune
CC22	Queensland Brushbox	*Lophostemon confertus*	Mature	21	8	700					700	750	Good	Good	High	1. Long	A1	8.4	2.9	Crown raise North side of canopy to 8m.	Prune
CC23	Queensland Brushbox	*Lophostemon confertus*	Mature	21	8	560					560	650	Good	Good	High	1. Long	A1	6.7	2.8	Crown raise North side of canopy to 8m.	Prune
CC24	Queensland Brushbox	*Lophostemon confertus*	Mature	21	8	650					650	750	Good	Good	High	1. Long	A1	7.8	2.9	Crown raise North side of canopy to 8m.	Prune
CC25	Queensland Brushbox	*Lophostemon confertus*	Mature	20	8	600					600	700	Good	Good	High	1. Long	A1	7.2	2.8	Crown raise North side of canopy to 8m.	Prune
CC26	Dragon Tree	*Dracaena draco*	Mature	4	3	400					400	400	Good	Fair	Medium	2. Medium	A1	4.8	2.3	To be protected.	Retain
CC27	Fig	*Ficus spp*	Mature	11	6	300					300	450	Good	Good	High	1. Long	A1	3.6	2.4	Crown raise East side of canopy to 5m.	Prune
CC28	Weeping Fig	*Ficus benjamina*	Mature	12	8	800					800	850	Good	Good	High	1. Long	A1	9.6	3.1	Crown raise East side of canopy to 5m.	Prune
CC29	Mulberry	*Morus spp*	Mature	10	4	400					400	450	Good	Good	Low	2. Medium	Z3	4.8	2.4	Crown raise East side of canopy to 5m. Exempt species.	Prune
CC30	Cocos Palm	*Syagrus romanzoffiana*	Mature	10	2	250					250	NA	Good	Good	Low	2. Medium	Z3	3.0	NA	No pruning required. Exempt species.	Retain
CC31	Cotoneaster	*Cotoneaster spp*	Mature	7	3	500					500	500	Good	Fair	Low	5. Small/Young	Z1	6.0	2.5	Crown raise East side of canopy to 3m. Undesirable species.	Prune
CC37	Himalayan Cypress	*Cupressus torulosa*	Mature	7	3	500					500	500	Good	Fair	Medium	3. Short	Z10	6.0	2.5	Two options of crown raising for North or South side.	Remove
CC38	Himalayan Cypress	*Cupressus torulosa*	Mature	7	3	500					500	500	Good	Fair	Medium	3. Short	Z10	6.0	2.5	Two options of crown raising for North or South side.	Prune
CC39	Himalayan Cypress	*Cupressus torulosa*	Mature	7	3	500					500	500	Good	Fair	Medium	3. Short	Z10	6.0	2.5	Two options of crown raising for North or South side.	Prune
CC40	Himalayan Cypress	*Cupressus torulosa*	Mature	7	3	500					500	500	Good	Fair	Medium	3. Short	Z10	6.0	2.5	Two options of crown raising for North or South side.	Prune
CC41	Himalayan Cypress	*Cupressus torulosa*	Mature	7	3	500					500	500	Good	Fair	Medium	3. Short	Z10	6.0	2.5	Two options of crown raising for North or South side.	Prune
CC42	Himalayan Cypress	*Cupressus torulosa*	Mature	7	3	500					500	500	Good	Fair	Medium	3. Short	Z10	6.0	2.5	Two options of crown raising for North or South side.	Prune
CC43	Himalayan Cypress	*Cupressus torulosa*	Mature	7	3	500					500	500	Good	Fair	Medium	3. Short	Z10	6.0	2.5	Two options of crown raising for North or South side.	Prune
CC43a	Hackberry	*Celtis sinensis*	Semi-mature	4	2	200					200	200	Good	Fair	Very Low	5. Small/Young	Z3	2.4	1.7	Reduce North side of crown by 1m for fence.	Remove
CC43b	Japanese Camellia	*Camellia japonica*	Young	3	1	150					150	150	Good	Fair	Very Low	5. Small/Young	Z1	2.0	1.5	Reduce North side of crown by 200mm for fence.	Remove
CC44	Himalayan Cypress	*Cupressus torulosa*	Mature	7	3	600					600	650	Good	Fair	Medium	3. Short	Z10	7.2	2.8	Reduce North side of crown by 200mm for fence.	Remove
CC46	Himalayan Cypress	*Cupressus torulosa*	Mature	7	3	500					500	500	Good	Fair	Medium	3. Short	Z10	6.0	2.5	Reduce North side of crown by 200mm for fence.	Remove
CC47	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	2	400					400	400	Good	Fair	Low	5. Small/Young	Z1	4.8	2.3	Remove for fence installation.	Remove
CC48	Himalayan Cypress	*Cupressus torulosa*	Mature	10	3	580					580	620	Good	Good	Medium	1. Long	A1	7.0	2.7	Remove for fence installation.	Remove

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
CC54a	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	240					240	260	Good	Fair	Low	5. Small/Young	Z3	2.9	1.9	Reduce West side of lower crown by 1m.	Prune
CC60	Eucalypt	*Eucalyptus spp*	Mature	20	8	600					600	650	Good	Good	High	1. Long	A1	7.2	2.8	Could not access base of tree for fruit identification. To be protected.	Retain
CC61	Camphor Laurel	*Cinnamomum camphora*	Mature	16	9	1500					1500	1600	Good	Good	Medium	1. Long	A1	15.0	4.0	Crown raise North side of canopy to 5m. To be protected	Prune
CC61a	Norfolk Island Hibiscus	*Lagunaria patersonia*	Semi-mature	8	3	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Reduce North side of lower crown by 1m.	Prune
CC62	Himalayan Cypress	*Cupressus torulosa*	Mature	13	4	600					600	620	Good	Good	Medium	1. Long	A1	7.2	2.7	Crown raise South side of canopy to 3m. To be protected	Prune
CC63	Lemon Scented Teatree	*Leptospermum petersonii*	Mature	7	4	200	300				361	450	Good	Fair	Medium	3. Short	Z10	4.3	2.4	Poor overall form. Remove for demolition.	Remove
CC63a	Broad-leaved Privet	*Ligustrum lucidum*	Young	6	2	180					180	200	Good	Fair	Very Low	5. Small/Young	Z3	2.2	1.7	Exempt species. Remove for demolition.	Remove
CC63b	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	9	2	100	100				141	200	Good	Fair	Very Low	5. Small/Young	Z1	2.0	1.7	Remove for demolition.	Remove
CC63c	Swamp Sheoak	*Casuarina glauca*	Young	7	1	50	50	50			87	150	Good	Fair	Very Low	5. Small/Young	Z1	2.0	1.5	Remove for demolition.	Remove
15	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	14	4	410					410	450	Good	Good	Medium	1. Long	A1	4.9	2.4	Canopy extends into corridor.	Prune
17	Sydney Blue Gum	*Eucalyptus saligna*	Mature	18	4	450					450	480	Good	Good	High	1. Long	A1	5.4	2.4	Canopy extends into corridor.	Prune
74	Common Oak	*Quercus robur*	Mature	8	4	450					450	470	Good	Fair	Medium	2. Medium	A2	5.4	2.4	Located within corridor. Pruned for power line clearance.	Prune
75	Coral	*Erythrina crista-galli*	Mature	8	4	400					400	440	Good	Fair	Low	2. Medium	Z3	4.8	2.3	Located within corridor. Pruned for power lines. Exempt species.	Prune
79	Crepe Myrtle	*Lagerstroemia indica*	Mature	5	2.5	250					250	250	Good	Good	Medium	1. Long	A1	3.0	1.8	Canopy extends into corridor.	Prune
81	Unknown	*Unknown spp*	Dead	4	1	150					150	150	Dead	Poor	Very Low	4. Remove	Z4	2.0	1.5	Dead tree. Branch extends into corridor.	Retain
81a	Tibouchina	*Tibouchina spp*	Young	3	1	80					80	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.	Retain
81b	Camellia	*Camellia spp*	Semi-mature	2	0.5	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy extends into corridor.	Retain
82	Weeping Fig	*Ficus benjamina*	Semi-mature	6	2	250					250	250	Good	Good	Low	5. Small/Young	Z1	3.0	1.8	Canopy extends into corridor.	Retain
82a	Turpentine	*Syncarpia glomulifera*	Young	4	1	90					90	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to council footpath.	Remove
82d	Snow In Summer	*Melaleuca linarifolia*	Young	3	0.5	110					110	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.	Remove
86	Peppercorn Tree	*Schinus molle*	Mature	15	9	1200					1200	1300	Good	Good	High	1. Long	A1	14.4	3.7	Canopy extends into corridor.	Prune
87	Camphor Laurel	*Cinnamomum camphora*	Mature	10	5	1500					1500	1500	Good	Good	Medium	1. Long	A1	15.0	3.9	Located within corridor. Multi stem tree DBH estimated.	Prune
88	Camphor Laurel	*Cinnamomum camphora*	Mature	10	4	1400					1400	1400	Good	Fair	Medium	2. Medium	A1	15.0	3.8	Cavity at base. Located within corridor.	Prune
115	Parramatta Wattle	*Acacia parramattensis*	Mature	9	3	180	180				255	350	Good	Fair	Medium	2. Medium	A1	3.1	2.1	Located within corridor. South stem lopped.	Prune
118	Black Tea-tree	*Melaleuca bracteata*	Semi-mature	6	2	180	180				255	300	Good	Good	Medium	1. Long	A1	3.1	2.0	Canopy extends into corridor.	Prune
119	White Cedar	*Melia azedarach*	Semi-mature	5	2	190					190	210	Good	Good	Medium	1. Long	A1	2.3	1.7	Canopy extends into corridor.	Prune
120	White Cedar	*Melia azedarach*	Semi-mature	5	2	170					170	190	Good	Good	Medium	1. Long	A1	2.0	1.6	Canopy extends into corridor.	Prune
121	White Cedar	*Melia azedarach*	Semi-mature	5	2	190					190	210	Good	Good	Medium	1. Long	A1	2.3	1.7	Canopy extends into corridor.	Prune
122	Black Tea-tree	*Melaleuca bracteata*	Mature	9	3	300	260				397	440	Good	Good	Medium	1. Long	A1	4.8	2.3	Canopy extends into corridor.	Remove
123	Weeping Bottlebrush	*Callistemon viminalis*	Mature	8	2	130	160	180			274	310	Good	Good	Medium	1. Long	A1	3.3	2.0	Canopy extends into corridor.	Remove
124	Black Tea-tree	*Melaleuca bracteata*	Mature	9	3	200	230	400			503	460	Good	Good	Medium	1. Long	A1	6.0	2.4	Canopy extends into corridor.	Remove
125	Blueberry Ash	*Elaeocarpus reticulatus*	Young	3	1	60					60	80	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy within nature strip only.	Remove
126	Blueberry Ash	*Elaeocarpus reticulatus*	Semi-mature	5	1	90	110				142	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy within nature strip only.	Retain
255	Oleander	*Nerium oleander*	Mature	5	2	350					350	350	Good	Fair	Low	5. Small/Young	Z1	4.2	2.1	Canopy extends into corridor. DBH measured at ground.	Remove
256	Oleander	*Nerium oleander*	Semi-mature	4	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Canopy extends into corridor. DBH measured at ground.	Remove
257	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	8	4	180	200	300			403	450	Good	Fair	Medium	2. Medium	A1	4.8	2.4	Canopy extends into corridor.	Remove
287	Wattle	*Acacia spp*	Mature	5	2	190					190	200	Good	Fair	Low	3. Short	Z9	2.3	1.7	Located within corridor. Trunk lean into boundary fence.	Remove

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
288	Cheese Tree	*Glochidion ferdinandi*	Mature	5	3	450					450	450	Fair	Fair	Medium	3. Short	Z9	5.4	2.4	Located within corridor. Multi stem tree DBH measured at ground. Topped for power line clearance.	Remove
289	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	110					110	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Canopy within nature strip only.	Remove
292	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	2	120	100				156	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Canopy extends into corridor. Branch failure at 500mm to the south.	Retain
293	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	4	1	80	130				153	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Canopy within nature strip only.	Retain
294	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor. Multi stem tree DBH measured at ground.	Remove
295	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	3	1	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within corridor. Multi stem tree DBH measured at ground.	Remove
305	Wattle	*Acacia spp*	Dead	7	2	340					340	380	Dead	Poor	Low	4. Remove	Z4	4.1	2.2	Dead tree. Remove for compound works.	Remove
409	Chinese Tallo	*Triadica sebifera*	Mature	5	2.5	230	220				318	450	Good	Fair	Medium	2. Medium	A2	3.8	2.4	Located within nature strip. Pruned for power lines.	Prune
410	Chinese Tallo	*Triadica sebifera*	Mature	5	3	420					420	440	Good	Fair	Medium	2. Medium	A2	5.0	2.3	Located within nature strip. Pruned for power lines.	Prune
414	Norfolk Island Hibiscus	*Lagunaria patersonia*	Mature	5	2	340					340	400	Good	Fair	Medium	2. Medium	A2	4.1	2.3	Located within nature strip. Pruned for power lines.	Prune
415	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	5	4	800					800	840	Good	Fair	High	3. Short	Z10	9.6	3.1	Located within nature strip. Topped for power lines.	Prune
498	Sweetgum	*Liquidambar styraciflua*	Mature	9	4	500					500	540	Good	Fair	Low	2. Medium	Z3	6.0	2.6	Located within nature strip. Pruned for power lines. Exempt species.	Remove
503	She Oak	*Casuarina spp*	Mature	8	2	220					220	250	Good	Good	Medium	1. Long	A1	2.6	1.8	Located within corridor.	Retain
508	Parramatta Wattle	*Acacia parramattensis*	Young	3	1	100					100	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.	Retain
509	Wattle	*Acacia spp*	Dead	6	2	280					280	300	Dead	Poor	Low	4. Remove	Z4	3.4	2.0	Dead tree	Retain
510	Parramatta Wattle	*Acacia parramattensis*	Mature	7	2	180					180	200	Good	Good	Medium	2. Medium	A1	2.2	1.7	Located within corridor.	Retain
539	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	1	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.	Prune
540	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	1	150					150	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.	Prune
542	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.	Prune
543	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	1	160					160	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor.	Remove
605	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	6	2	200	140				244	300	Good	Good	Medium	2. Medium	A1	2.9	2.0	None.	Remove
680	Lemon Scented Gum	*Corymbia citriodora*	Mature	17	5	370					370	450	Good	Good	High	1. Long	A1	4.4	2.4	Co-dominant stems with relatively good form to union.	Remove
681	Queensland Brushbox	*Lophostemon confertus*	Mature	9	6	660					660	720	Good	Good	High	1. Long	A1	7.9	2.9	None.	Remove
684	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located within corridor.	Prune
692	Peppercorn	*Schinus molle*	Mature	10	8	1050					1050	1200	Good	Good	Medium	1. Long	A1	12.6	3.6	Located within corridor.	Prune
693	Chinese Tallo	*Triadica sebifera*	Mature	5	2	160	160	160			277	450	Good	Good	Medium	2. Medium	A1	3.3	2.4	Located within corridor.	Remove
694	Chinese Tallo	*Triadica sebifera*	Mature	6	3	340					340	410	Good	Good	Medium	1. Long	A1	4.1	2.3	Located within corridor.	Remove
724	Queensland Brushbox	*Lophostemon confertus*	Mature	7	4	410					410	460	Good	Good	Medium	1. Long	A1	4.9	2.4	Located within corridor. DBH estimated.	Prune
727	Lemon Scented Gum	*Corymbia citriodora*	Semi-mature	9	5	190	260				322	450	Good	Fair	Medium	3. Short	Z10	3.9	2.4	Co-dominant stems with lopped East stem.	Prune
731	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	240	450				510	580	Good	Good	High	1. Long	A1	6.1	2.6	Asymmetric crown shape.	Remove
777	Cheese Tree	*Glochidion ferdinandi*	Semi-mature	5	2	200					200	220	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	Located within corridor.	Remove
778	Cheese Tree	*Glochidion ferdinandi*	Young	4	1	100					100	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.	Remove
782	Parramatta Wattle	*Acacia parramattensis*	Young	5	2	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.	Retain
785	Camphor Laurel	*Cinnamomum camphora*	Mature	9	7	700	400	300	300		911	1800	Good	Fair	Medium	3. Short	Z10	10.9	4.2	Significant canopy pruning for powerline clearance. Located outside corridor.	Remove

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
788	Camphor Laurel	*Cinnamomum camphora*	Mature	8	6	800	350	300	250		957	1300	Good	Fair	Medium	3. Short	Z10	11.5	3.7	Significant canopy pruning for powerline clearance. Located outside corridor.	Prune
789	Camphor Laurel	*Cinnamomum camphora*	Mature	9	7	420	380	710			908	1400	Good	Fair	Medium	3. Short	Z10	10.9	3.8	Significant canopy pruning for powerline clearance. Located outside corridor.	Prune
797	River She Oak	*Casuarina cunninghamiana*	Mature	19	5	580					580	650	Good	Fair	Medium	2. Medium	A1	7.0	2.8	Asymmetric crown shape due to power line clearance.	Prune
798	River She Oak	*Casuarina cunninghamiana*	Mature	18	6	600					600	680	Good	Fair	Medium	2. Medium	A1	7.2	2.8	Asymmetric crown shape due to power line clearance.	Prune
799	River She Oak	*Casuarina cunninghamiana*	Mature	17	4	360					360	420	Good	Fair	Medium	2. Medium	A1	4.3	2.3	Asymmetric crown shape due to power line clearance.	Prune
800	River She Oak	*Casuarina cunninghamiana*	Mature	19	5	470					470	550	Good	Fair	Medium	2. Medium	A1	5.6	2.6	Asymmetric crown shape due to power line clearance.	Prune
801	River She Oak	*Casuarina cunninghamiana*	Mature	20	5	550					550	690	Good	Fair	Medium	2. Medium	Z10	6.6	2.8	Asymmetric crown shape due to power line clearance.	Prune
802	River She Oak	*Casuarina cunninghamiana*	Mature	20	7	650					650	740	Good	Fair	Medium	2. Medium	A1	7.8	2.9	Asymmetric crown shape due to power line clearance.	Prune
803	River She Oak	*Casuarina cunninghamiana*	Mature	20	7	690					690	800	Good	Fair	High	2. Medium	A1	8.3	3.0	Asymmetric crown shape due to power line clearance.	Prune
911	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	3	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Canopy extends through fence into corridor.	Prune
912	Lilly Pilly	*Syzgium spp*	Semi-mature	8	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Canopy extends through fence into corridor. DBH estimated.	Prune
913	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	8	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	Canopy extends through fence into corridor. DBH estimated.	Prune
914	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	11	4	360					360	440	Good	Good	Medium	1. Long	A1	4.3	2.3	No low branches extending into the corridor.	Prune
915	Wattle	*Acacia spp*	Mature	11	2	250					250	300	Good	Fair	Medium	2. Medium	A1	3.0	2.0	Canopy extends through fence into corridor. DBH estimated.	Prune
916	Eucalypt	*Eucalyptus spp*	Mature	9	4	400					400	460	Good	Good	Medium	1. Long	A1	4.8	2.4	Canopy extends through fence into corridor. DBH estimated.	Prune
917	Coastal Banksia	*Banksia integrefolia*	Mature	7	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	No low branches extending into corridor.	Prune
950	Queensland Brushbox	*Lophostemon confertus*	Mature	7	4	360					360	460	Good	Fair	Medium	2. Medium	A1	4.3	2.4	Located within nature strip. Pruned for power line clearance.	Prune
951	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	400					400	440	Good	Fair	Medium	2. Medium	A1	4.8	2.3	Located within nature strip. Pruned for power line clearance.	Prune
961	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	1	100	100				141	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.	Prune
987	Peppercorn Tree	*Schinus molle*	Mature	16	6	800					800	950	Good	Good	Medium	1. Long	A1	9.6	3.2	Located within corridor. DBH estimated.	Prune
989	Peppercorn Tree	*Schinus molle*	Mature	13	9	1100					1100	1200	Good	Good	High	1. Long	A1	13.2	3.6	Located within corridor. DBH estimated.	Prune
1046	Plum Fruited Yew	*Afrocarpus falcatus*	Mature	10	6	580					580	620	Good	Good	High	1. Long	A1	7.0	2.7	Located within nature strip.	Prune
1047	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	110					110	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.	Remove
1049	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	100	50	50	40		129	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor. DBH estimated.	Remove
1051	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	110					110	140	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.	Remove
1052	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	110					110	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. DBH estimated.	Remove
1060	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	470					470	540	Good	Good	High	1. Long	A1	5.6	2.6	Located on nature strip.	Prune
1061	Queensland Brushbox	*Lophostemon confertus*	Mature	12	8	740					740	820	Fair	Fair	High	2. Medium	A2	8.9	3.0	Located within corridor. DBH estimated. Low foliage density for species. Located directly adjacent to fence.	Remove

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
1063	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	520					520	600	Fair	Good	High	2. Medium	A2	6.2	2.7	Located within nature strip. Low foliage density for species.	Prune
1064	Diamond Leaf Pittosporum	*Auranticarpa rhombifolia*	Mature	5	2	300					300	300	Fair	Fair	Medium	2. Medium	A2	3.6	2.0	Located within nature strip. Low foliage density for species. DBH estimated.	Prune
1065	Diamond Leaf Pittosporum	*Auranticarpa rhombifolia*	Mature	5	2	250					250	250	Fair	Fair	Medium	2. Medium	A2	3.0	1.8	Located within nature strip. Low foliage density for species. DBH estimated.	Prune
1066	Diamond Leaf Pittosporum	*Auranticarpa rhombifolia*	Mature	5	2	150	170	110			252	300	Good	Good	Medium	2. Medium	A1	3.0	2.0	Located within nature strip.	Prune
1067	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	9	6	500	400	300			707	1100	Good	Good	High	1. Long	A1	8.5	3.4	Located within corridor. DBH estimated.	Prune
1069	Diamond Leaf Pittosporum	*Auranticarpa rhombifolia*	Mature	5	2	200	160				256	330	Good	Good	Medium	2. Medium	A1	3.1	2.1	Located within nature strip.	Prune
1070	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	8	4	250					250	300	Fair	Good	Medium	2. Medium	A2	3.0	2.0	Located within nature strip. Low foliage density for species.	Prune
1071	Queensland Brushbox	*Lophostemon confertus*	Mature	10	4	660					660	750	Good	Good	High	1. Long	A1	7.9	2.9	Located within nature strip.	Prune
1072	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200					200	220	Poor	Fair	Low	4. Remove	Z4	2.4	1.8	Located within corridor. In decline.	Remove
1073	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	300					300	300	Good	Fair	Medium	2. Medium	A1	3.6	2.0	Located within corridor. Directly adjacent to toilet block.	Remove
1134	Grey Gum	*Eucalyptus punctata*	Mature	25	10	1100					1100	1300	Good	Good	Very High	1. Long	A1	13.2	3.7	Located within nature strip.	Prune
1141	Grey Gum	*Eucalyptus punctata*	Semi-mature	7	2	170					170	230	Good	Good	Medium	1. Long	A1	2.0	1.8	Located within nature strip.	Prune
1202	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	300	300				424	750	Good	Good	High	1. Long	A1	5.1	2.9	Located within corridor. Co-dominant stems at base.	Prune
1215	Camphor Laurel	*Cinnamomum camphora*	Mature	10	3	280					280	300	Good	Fair	Low	2. Medium	Z3	3.4	2.0	Located within corridor. Exempt species.	Prune
1216	Queensland Brushbox	*Lophostemon confertus*	Mature	11	6	600					600	650	Good	Good	High	1. Long	A1	7.2	2.8	Located within corridor.	Prune
1226	Camphor Laurel	*Cinnamomum camphora*	Mature	12	4	250	250	150	350		520	1200	Good	Fair	Medium	2. Medium	A1	6.2	3.6	Located within corridor. Multi stem.	Prune
1227	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	6	2	80	120				144	150	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.5	Located within corridor. Exempt species.	Prune
1228	Camphor Laurel	*Cinnamomum camphora*	Mature	12	8	800					800	900	Fair	Fair	Medium	3. Short	Z4	9.6	3.2	Located within corridor. In decline.	Prune
1233	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	120	120				170	250	Good	Fair	Low	5. Small/Young	Z3	2.0	1.8	Located within corridor. Exempt species.	Prune
1241	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	400					400	450	Good	Good	Medium	1. Long	A1	4.8	2.4	Located within corridor.	Prune
1245	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Located within corridor.	Prune
1246	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	150					150	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor.	Prune
1255	Tallowood	*Eucalyptus microcorys*	Mature	18	5	300	200				361	500	Good	Good	High	1. Long	A1	4.3	2.5	Located within corridor.	Prune
1256	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	3	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	Located within corridor.	Prune
1258	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	3	250					250	300	Fair	Fair	Medium	3. Short	Z4	3.0	2.0	Located within corridor. Apical dieback, in decline.	Prune
1263	Tallowood	*Eucalyptus microcorys*	Mature	12	5	310					310	450	Good	Good	High	1. Long	A1	3.7	2.4	Located within nature strip.	Prune
1265	Tallowood	*Eucalyptus microcorys*	Mature	14	5	470					470	560	Good	Good	High	1. Long	A1	5.6	2.6	Located within nature strip.	Prune
1270	Tallowood	*Eucalyptus microcorys*	Mature	15	4	280					280	340	Good	Good	High	1. Long	A1	3.4	2.1	Located within corridor directly adjacent to fence.	Prune
1272	Tallowood	*Eucalyptus microcorys*	Mature	15	4	380					380	490	Good	Good	High	1. Long	A1	4.6	2.5	Located within nature strip.	Prune
1273	Tallowood	*Eucalyptus microcorys*	Mature	17	6	590					590	720	Good	Good	High	1. Long	A1	7.1	2.9	Located within nature strip.	Prune
1276	Tallowood	*Eucalyptus microcorys*	Mature	17	8	740					740	890	Good	Good	High	1. Long	A1	8.9	3.2	Located within nature strip. Canopy extends into corridor.	Remove
1277	Tallowood	*Eucalyptus microcorys*	Young	5	2	140					140	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. Directly adjacent to fence.	Remove
1279	Eucalypt	*Eucalyptus spp*	Mature	19	9	600	600				849	1200	Good	Fair	Very High	1. Long	A1	10.2	3.6	Large diameter deadwood.	Remove
1299	Tallowood	*Eucalyptus microcorys*	Mature	19	5	480					480	560	Good	Good	High	1. Long	A1	5.8	2.6	Located within corridor.	Prune

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
1300	Tallowood	*Eucalyptus microcorys*	Mature	18	5	840					840	990	Good	Fair	High	2. Medium	A1	10.1	3.3	Located within nature strip. Cambium damage to south side of trunk near base of tree. Co-dominant stems with tight union.	Retain
1301	Tallowood	*Eucalyptus microcorys*	Mature	20	6	560					560	620	Good	Good	High	1. Long	A1	6.7	2.7	Located within nature strip.	Retain
1302	Tallowood	*Eucalyptus microcorys*	Mature	16	3	300					300	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Located within corridor.	Prune
1303	Umbrella	*Schefflera actinophylla*	Semi-mature	5	2	200					200	200	Fair	Poor	Low	4. Remove	Z3	2.4	1.7	Located within nature strip. Multi stem with partial failure of stems.	Retain
1304	Tallowood	*Eucalyptus microcorys*	Semi-mature	14	3	250					250	300	Good	Good	Medium	1. Long	A1	3.0	2.0	Located within corridor.	Prune
1305	Blue Jacaranda	*Jacaranda mimosifolia*	Young	5	2	130					130	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip. Low foliage density for species. Poor form.	Retain
1306	Tallowood	*Eucalyptus microcorys*	Mature	15	6	560					560	700	Good	Good	High	1. Long	A1	6.7	2.8	Located within nature strip.	Retain
1307	Tallowood	*Eucalyptus microcorys*	Mature	16	3	300					300	370	Good	Good	High	1. Long	A1	3.6	2.2	Located within corridor.	Prune
1308	Tallowood	*Eucalyptus microcorys*	Mature	18	7	720					720	840	Good	Good	High	1. Long	A1	8.6	3.1	Located within nature strip.	Retain
1309	Tallowood	*Eucalyptus microcorys*	Mature	18	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Located within corridor. DBH estimated.	Prune
1314	Tallowood	*Eucalyptus microcorys*	Mature	16	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Located within corridor. DBH estimated.	Prune
1336	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	500					500	500	Good	Fair	Low	3. Short	Z3	6.0	2.5	Located within corridor. Regrowth from stump.	Remove
1337	Common Oak	*Quercus robur*	Semi-mature	8	3	450					450	450	Good	Good	Medium	2. Medium	A1	5.4	2.4	Located within corridor. Multi stem tree.	Remove
1338	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	6	2	200					200	200	Fair	Fair	Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. Adjacent to fence. Exempt species.	Remove
1339	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	200					200	200	Good	Fair	Very Low	5. Small/Young	Z3	2.4	1.7	Located within corridor. Adjacent to fence. Exempt species.	Remove
1340	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	1	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor. Adjacent to fence.	Remove
1357	Tallowood	*Eucalyptus microcorys*	Mature	11	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	None.	Prune
1360	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located within corridor.	Prune
1362	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within corridor.	Prune
1364	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	3	120	120	110			202	400	Good	Good	Medium	1. Long	A1	2.4	2.3	Located within corridor. Multi stem.	Prune
1365	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	220					220	280	Good	Good	High	1. Long	A1	2.6	1.9	Located within corridor.	Prune
1367	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	3	170	80	80			204	350	Good	Good	Medium	1. Long	A1	2.5	2.1	Located within corridor.	Prune
1368	Tallowood	*Eucalyptus microcorys*	Mature	18	5	550					550	600	Fair	Fair	High	2. Medium	A2	6.6	2.7	Minor apical dieback.	Prune
1373	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	1	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Prune
1374	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Prune
1377	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	None.	Prune
1386	Hard Leaved Scribbly Gum	*Eucalyptus racemosa*	Mature	13	7	550	550				778	1000	Good	Good	Very High	1. Long	A1	9.3	3.3	Located within corridor.	Prune
1388	Tallowood	*Eucalyptus microcorys*	Young	7	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.	Prune
1390	Tallowood	*Eucalyptus microcorys*	Semi-mature	9	3	180					180	220	Good	Good	Medium	1. Long	A1	2.2	1.8	Located within corridor.	Prune
1417	Tallowood	*Eucalyptus microcorys*	Semi-mature	7	1	110					110	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.	Prune
1418	Tallowood	*Eucalyptus microcorys*	Mature	8	2	110	100	110			185	400	Good	Fair	Medium	2. Medium	A1	2.2	2.3	Multi stem.	Prune
1421	Tallowood	*Eucalyptus microcorys*	Mature	12	3	290					290	340	Good	Good	Medium	1. Long	A1	3.5	2.1	None.	Prune
1427	Tallowood	*Eucalyptus microcorys*	Mature	22	9	800					800	1000	Good	Good	Very High	1. Long	A1	9.6	3.3	Canopy extends into corridor.	Prune
1432	Tasmainian Blue Gum	*Eucalyptus globulus*	Mature	8	6	740					740	950	Good	Poor	High	4. Remove	Z5	8.9	3.2	Multiple cavities within trunk. Low target occupancy, monitor and retain.	Prune
1449	Tallowood	*Eucalyptus microcorys*	Mature	12	5	440					440	490	Good	Good	High	1. Long	A1	5.3	2.5	Canopy extends into corridor.	Prune
1477	Tallowood	*Eucalyptus microcorys*	Mature	19	5	440					440	500	Good	Good	High	1. Long	A1	5.3	2.5	Existing drain restricting root growth patterns.	Prune

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
1479	Tallowood	*Eucalyptus microcorys*	Mature	18	4	350					350	450	Good	Good	High	1. Long	A1	4.2	2.4	None.	Prune
1480	Tallowood	*Eucalyptus microcorys*	Mature	20	4	400					400	490	Good	Good	High	1. Long	A1	4.8	2.5	None.	Prune
1488	Tallowood	*Eucalyptus microcorys*	Young	5	1	100	100				141	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.	Remove
1489	Tallowood	*Eucalyptus microcorys*	Mature	17	4	420					420	460	Good	Good	High	1. Long	A1	5.0	2.4	Canopy extends into corridor.	Prune
1490	Tallowood	*Eucalyptus microcorys*	Mature	18	7	660					660	900	Good	Good	High	1. Long	A1	7.9	3.2	Canopy extends into corridor.	Prune
1491	Sydney Blue Gum	*Eucalyptus saligna*	Mature	16	7	220	200	250	220		446	1100	Good	Fair	High	3. Short	Z9	5.4	3.4	Regrowth from stump.	Remove
1492	Tallowood	*Eucalyptus microcorys*	Mature	19	7	670					670	850	Good	Good	High	1. Long	A1	8.0	3.1	Canopy extends into corridor.	Prune
1493	Tallowood	*Eucalyptus microcorys*	Semi-mature	5	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located adjacent to fence.	Prune
1494	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	320					320	400	Good	Fair	Medium	1. Long	A1	3.8	2.3	Located directly adjacent to fence.	Prune
1496	Tallowood	*Eucalyptus microcorys*	Young	6	2	110					110	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.	Prune
1497	Tallowood	*Eucalyptus microcorys*	Mature	11	3	200	220				297	500	Good	Fair	Medium	1. Long	A1	3.6	2.5	Located adjacent to fence.	Remove
1498	Grey Box	*Eucalyptus moluccana*	Young	6	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None	Remove
1499	Grey Box	*Eucalyptus moluccana*	Semi-mature	12	2	210					210	260	Good	Good	Medium	1. Long	A1	2.5	1.9	None.	Remove
1510	Tallowood	*Eucalyptus microcorys*	Mature	15	4	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	Canopy extends into corridor.	Remove
1511	Tallowood	*Eucalyptus microcorys*	Semi-mature	14	3	240					240	290	Good	Fair	Medium	2. Medium	A1	2.9	2.0	Located adjacent to bridge.	Remove
1512	Tallowood	*Eucalyptus microcorys*	Mature	22	6	550					550	600	Good	Good	High	1. Long	A1	6.6	2.7	Canopy extends into corridor.	Prune
1513	Camphor Laurel	*Cinnamomum camphora*	Mature	9	5	600					600	680	Poor	Poor	Low	4. Remove	Z4	7.2	2.8	In advanced stages of decline. Exempt species.	Remove
1514	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	550					550	550	Poor	Poor	Low	5. Small/Young	Z4	6.6	2.6	In advanced stages of decline. Exempt species.	Remove
1516	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	500					500	550	Poor	Poor	Low	4. Remove	Z4	6.0	2.6	In advanced stages of decline. Exempt species.	Remove
1522	Tallowood	*Eucalyptus microcorys*	Mature	17	5	440					440	520	Good	Good	High	1. Long	A1	5.3	2.5	None.	Remove
1523	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	550	Fair	Fair	Low	3. Short	Z3	6.0	2.6	Located directly adjacent to fence. Exempt species.	Remove
1526	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	200	250				320	400	Good	Fair	Low	2. Medium	Z3	3.8	2.3	Located adjacent to fence. Exempt species.	Remove
1527	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	500	Good	Fair	Low	2. Medium	Z3	6.0	2.5	Located adjacent to fence. Exempt species.	Remove
1528	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	400	250				472	580	Good	Fair	Low	2. Medium	Z3	5.7	2.6	Located adjacent to fence. Exempt species.	Prune
1569	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	550					550	600	Good	Good	High	1. Long	A1	6.6	2.7	None.	Remove
1627	Giant Bird of Paradise	*Strelitzia nicolai*	Mature	7	2	250					250	NA	Good	Fair	Medium	2. Medium	A1	3.0	NA	Clump of Giant Bird of Paradise.	Remove
1633	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Dead	8	2	190					190	250	Dead	Poor	Low	4. Remove	Z4	2.3	1.8	Dead tree	Remove
1672	Hills Weeping Fig	*Ficus macrocarpa var. hillii*	Mature	18	10	970					970	1100	Good	Fair	High	2. Medium	A1	11.6	3.4	Pruned for power line clearance.	Prune
1673	Hills Weeping Fig	*Ficus macrocarpa var. hillii*	Mature	17	7	700					700	890	Good	Fair	High	2. Medium	A1	8.4	3.2	Pruned for power line clearance. Located adjacent to fence.	Prune
1676	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	None.	Prune
1677	Silky Oak	*Grevillea robusta*	Mature	6	2	240					240	280	Fair	Poor	Medium	4. Remove	Z5	2.9	1.9	Topped at 6m.	Prune
1678	Chinese Hackberry	*Celtis sinensis*	Mature	6	3	250					250	400	Good	Fair	Low	2. Medium	Z3	3.0	2.3	Exempt species. DBH estimated at base.	Prune
1680	Queensland Brushbox	*Lophostemon confertus*	Mature	8	5	470					470	520	Fair	Good	High	2. Medium	A2	5.6	2.5	Low foliage density for species.	Prune
1681	Queensland Brushbox	*Lophostemon confertus*	Mature	8	5	490					490	550	Good	Good	High	1. Long	A1	5.9	2.6	None.	Prune
1682	Queensland Brushbox	*Lophostemon confertus*	Mature	9	5	500					500	550	Fair	Good	High	2. Medium	A2	6.0	2.6	Low foliage density for species.	Prune
1683	Queensland Brushbox	*Lophostemon confertus*	Mature	9	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	None.	Prune
1684	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	8	2	220					220	260	Good	Good	Medium	1. Long	A1	2.6	1.9	None.	Prune
1685	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	550	Good	Fair	Low	2. Medium	Z3	6.0	2.6	Exempt species. DBH estimated at base.	Prune
1686	Silky Oak	*Grevillea robusta*	Mature	8	4	470					470	540	Good	Fair	Medium	3. Short	Z9	5.6	2.6	Topped.	Prune
1690	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	260	240				354	500	Good	Poor	Low	4. Remove	Z5	4.2	2.5	Topped. Exempt species.	Prune
1691	Chinese Hackberry	*Celtis sinensis*	Mature	8	2	350					350	350	Fair	Fair	Low	3. Short	Z3	4.2	2.1	Exempt species. DBH estimated at base.	Prune

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
1717	Smooth Barked Apple	*Angophora costata*	Mature	9	4	360					360	440	Good	Good	High	1. Long	A1	4.3	2.3	Located directly adjacent to fence, growing through fence.	Prune
1723	Tallowood	*Eucalyptus microcorys*	Mature	16	5	290	290	280			497	750	Good	Good	High	1. Long	A1	6.0	2.9	Co-dominant stems.	Prune
1724	Tallowood	*Eucalyptus microcorys*	Mature	15	4	400					400	480	Good	Good	High	1. Long	A1	4.8	2.4	None.	Prune
1732	Eucalypt	*Eucalyptus spp*	Semi-mature	6	2	260					260	300	Good	Fair	Medium	3. Short	Z10	3.1	2.0	Topped for power line clearance.	Remove
1734	Eucalypt	*Eucalyptus spp*	Semi-mature	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove
1735	Eucalypt	*Eucalyptus spp*	Semi-mature	12	2	190					190	200	Good	Fair	Medium	1. Long	A1	2.3	1.7	None.	Remove
1737	Eucalypt	*Eucalyptus spp*	Mature	5	2	350	180				394	500	Fair	Poor	Medium	4. Remove	Z5	4.7	2.5	Topped.	Remove
1738	Eucalypt	*Eucalyptus spp*	Semi-mature	6	2	150	150				212	300	Fair	Poor	Medium	4. Remove	Z5	2.5	2.0	Topped.	Remove
1739	Eucalypt	*Eucalyptus spp*	Mature	8	2	270					270	300	Good	Fair	Medium	3. Short	Z10	3.2	2.0	Pruned for power line clearance.	Remove
1759	Wattle	*Acacia spp*	Semi-mature	4	2	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Suppressed.	Remove
1776	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	120					120	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Early stages of decline.	Remove
1778	Sydney Golden Wattle	*Acacia longifolia*	Young	6	1	110					110	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Prune
1788	Wattle	*Acacia spp*	Mature	5	2	300					300	350	Good	Fair	Medium	2. Medium	A1	3.6	2.1	None.	Prune
1794	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	160	170				233	300	Good	Fair	Medium	2. Medium	A1	2.8	2.0	None.	Remove
1796	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	170	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.	Remove
1797	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	240					240	260	Good	Good	Medium	2. Medium	A1	2.9	1.9	None.	Remove
1799	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	120	150	80	70		220	240	Fair	Fair	Low	3. Short	Z4	2.6	1.8	Early stages of decline.	Remove
1803	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	300					300	300	Poor	Fair	Low	4. Remove	Z4	3.6	2.0	In advanced stages of decline.	Prune
1811	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.	Prune
1815	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	80	130				153	200	Fair	Fair	Low	5. Small/Young	Z4	2.0	1.7	In decline.	Prune
1818	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	2	240					240	260	Fair	Fair	Medium	3. Short	Z4	2.9	1.9	In decline.	Prune
1820	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	220	200				297	380	Good	Fair	Medium	2. Medium	A1	3.6	2.2	None.	Prune
1822	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	160					160	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.	Remove
1825	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove
1832	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	200					200	240	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	None.	Prune
1833	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Prune
1834	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	1	140					140	230	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	None.	Prune
1836	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	9	1	130					130	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Prune
1837	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	200					200	260	Good	Good	Medium	2. Medium	A1	2.4	1.9	None.	Prune
1838	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	400					400	460	Good	Good	Medium	2. Medium	A1	4.8	2.4	None.	Prune
1839	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	160					160	190	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.	Prune
1847	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	3	330	300	180			481	500	Good	Fair	Medium	2. Medium	A1	5.8	2.5	None.	Prune
1848	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	120	120	100	100	110	247	450	Fair	Fair	Low	3. Short	Z9	3.0	2.4	Regrowth from fallen tree.	Prune
1850	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	200					200	250	Good	Fair	Medium	3. Short	A1	2.4	1.8	Asymmetric crown shape.	Prune
1851	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	9	2	220					220	260	Good	Fair	Medium	3. Short	Z9	2.6	1.9	Branch failure with hanger.	Prune
1852	Sydney Golden Wattle	*Acacia longifolia*	Mature	9	2	240					240	280	Good	Fair	Medium	2. Medium	A1	2.9	1.9	None.	Prune
1854	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	110	90				142	200	Fair	Fair	Low	3. Short	Z4	2.0	1.7	In decline.	Prune
1855	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	2	110	180	180			277	440	Fair	Fair	Medium	3. Short	Z4	3.3	2.3	Early stages of decline.	Prune
1858	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	150	160				219	300	Good	Fair	Medium	2. Medium	A1	2.6	2.0	None.	Remove
1860	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	160					160	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.	Prune
1861	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	200					200	200	Good	Good	Medium	2. Medium	A1	2.4	1.7	None.	Prune
1862	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	350					350	400	Fair	Fair	Medium	3. Short	Z4	4.2	2.3	Low foliage density for species. In decline.	Prune
1868	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	3	280					280	330	Good	Fair	Medium	2. Medium	A1	3.4	2.1	None.	Remove
1869	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	140	130	130			231	350	Good	Fair	Low	5. Small/Young	Z1	2.8	2.1	Multi stem tree.	Remove
1905	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	120	160				200	230	Fair	Fair	Low	3. Short	Z4	2.4	1.8	In decline.	Prune

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
1907	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200	120	110			258	300	Fair	Fair	Medium	3. Short	Z4	3.1	2.0	In decline.	Prune
1927	Bangalay	*Eucalyptus botryoides*	Mature	17	6	550					550	680	Good	Good	High	1. Long	A1	6.6	2.8	Growing adjacent to fence.	Prune
1930	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	8	3	300					300	380	Good	Good	Low	2. Medium	Z3	3.6	2.2	Exempt species.	Prune
1931	Blackbutt	*Eucalyptus pilularis*	Mature	18	5	470					470	540	Good	Good	High	1. Long	A1	5.6	2.6	Growing adjacent to fence.	Prune
1932	Camphor Laurel	*Cinnamomum camphora*	Young	4	1	80	50	50	50	50	128	350	Fair	Fair	Low	5. Small/Young	Z3	2.0	2.1	Exempt species.	Prune
1933	Sydney Blue Gum	*Eucalyptus saligna*	Mature	14	9	850					850	950	Good	Good	Very High	1. Long	A1	10.2	3.2	Growing directly adjacent to fence with branches in contact with fence.	Prune
1934	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	13	6	530					530	640	Good	Fair	Medium	2. Medium	Z3	6.4	2.7	Exempt species. Lopped for power line clearance.	Prune
1935	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	200					200	200	Good	Good	Low	5. Small/Young	Z1	2.4	1.7	None.	Remove
1938	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	12	8	750	250				791	900	Good	Fair	Medium	2. Medium	Z3	9.5	3.2	Asymmetric crown shape due to power line clearance. Exempt species.	Prune
1940	Queensland Brushbox	*Lophostemon confertus*	Mature	5	4	500					500	580	Good	Fair	Medium	3. Short	Z10	6.0	2.6	Topped for power line clearance. DBH estimated.	Remove
1942	Queensland Brushbox	*Lophostemon confertus*	Mature	5	4	400					400	450	Good	Fair	Medium	3. Short	Z10	4.8	2.4	Topped for power line clearance. DBH estimated.	Remove
1961	Sydney Blue Gum	*Eucalyptus saligna*	Semi-mature	8	2	160					160	220	Good	Good	Medium	1. Long	A1	2.0	1.8	None.	Remove
1987	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	10	4	360					360	440	Good	Fair	Medium	2. Medium	Z3	4.3	2.3	Asymmetric crown shape due to power line clearance. Exempt species.	Remove
1988	Bangalay	*Eucalyptus botryoides*	Mature	12	4	370					370	440	Good	Fair	High	3. Short	Z10	4.4	2.3	Asymmetric crown shape due to power line clearance. Poor overall form.	Remove
1989	Bangalay	*Eucalyptus botryoides*	Mature	11	4	360					360	440	Good	Fair	High	2. Medium	A2	4.3	2.3	Asymmetric crown shape due to power line clearance.	Remove
1990	Peppercorn Tree	*Schinus molle*	Mature	10	8	700	500	500			995	1500	Good	Fair	High	2. Medium	A1	11.9	3.9	DBH estimated. Could not view South side of tree.	Remove
1991	Peppercorn Tree	*Schinus molle*	Mature	10	9	680	500	500			981	1200	Good	Fair	High	2. Medium	A1	11.8	3.6	DBH estimated. Could not view South side of tree.	Remove
1995	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	250	320				406	450	Poor	Fair	Medium	4. Remove	Z4	4.9	2.4	In advanced stages of decline.	Remove
1997	Wattle	*Acacia spp*	Semi-mature	6	2	160	110	110			223	250	Poor	Fair	Medium	4. Remove	Z4	2.7	1.8	Located in adjoining property. DBH estimated. Over 50% crown dieback. Tree is in advanced stages of decline.	Remove
1998	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Trunk lean.	Remove
1999	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	190					190	220	Fair	Fair	Low	3. Short	Z4	2.3	1.8	Early stages of decline.	Remove
2000	Italian Cypress	*Cupressus sempervirens*	Mature	6	1	150					150	200	Good	Fair	Medium	2. Medium	A1	2.0	1.7	Located in adjoining property. DBH estimated.	Remove
2005	Chinese Tallo	*Triadica sebifera*	Mature	6	4	190	240				306	650	Good	Fair	Medium	2. Medium	A1	3.7	2.8	Located directly adjacent to fence.	Prune
2006	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	210					210	250	Good	Fair	Medium	2. Medium	A1	2.5	1.8	None.	Prune
2007	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	10	5	1200					1200	1200	Good	Fair	High	1. Long	A1	14.4	3.6	Multi stem tree.	Prune
2008	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	4	440					440	480	Fair	Fair	Medium	3. Short	Z4	5.3	2.4	Early stages of decline.	Prune
2038	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	450					450	450	Good	Fair	Medium	3. Short	Z9	5.4	2.4	Topped for power line clearance.	Remove
2040	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	230					230	280	Good	Fair	Medium	2. Medium	A1	2.8	1.9	None.	Prune
2041	Sydney Golden Wattle	*Acacia longifolia*	Mature	4	2	210					210	230	Fair	Fair	Medium	3. Short	Z9	2.5	1.8	Significantly pruned.	Remove
2042	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	240					240	280	Good	Fair	Medium	2. Medium	A1	2.9	1.9	None.	Remove
2044	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove
2046	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	150	150				212	300	Good	Fair	Medium	2. Medium	A1	2.5	2.0	None.	Remove
2047	Wattle	*Acacia spp*	Semi-mature	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
2048	Sydney Golden Wattle	*Acacia longifolia*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None	Remove
2049	Wattle	*Acacia spp*	Semi-mature	5	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove
2050	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	120					120	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove
2054	Queensland Brushbox	*Lophostemon confertus*	Mature	12	6	600					600	650	Good	Good	High	1. Long	A1	7.2	2.8	None.	Prune
2061	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	110					110	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove
2062	Sydney Golden Wattle	*Acacia longifolia*	Young	5	1	90					90	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove
2065	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	2	210					210	250	Good	Fair	Medium	3. Short	A1	2.5	1.8	Area inaccessible. DBH estimated.	Remove
2066	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	2	200					200	220	Fair	Fair	Medium	3. Short	Z10	2.4	1.8	Area inaccessible. DBH estimated. Poor overall form.	Remove
2067	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	3	450					450	450	Fair	Fair	Medium	3. Short	Z9	5.4	2.4	Area inaccessible. DBH estimated. Topped.	Remove
2068	Wallangarra White Gum	*Eucalyptus scoparia*	Semi-mature	9	3	270					270	330	Good	Fair	Low	2. Medium	Z3	3.2	2.1	Exempt species.	Prune
2070	Unknown	*Unknown spp*	Semi-mature	5	2	350					350	350	Good	Fair	Low	5. Small/Young	Z1	4.2	2.1	Area inaccessible. DBH estimated.	Remove
2071	Water Gum	*Tristaniopsis laurina*	Mature	6	2	140	140	150			248	290	Good	Good	Medium	2. Medium	A1	3.0	2.0	None.	Prune
2074	Peppercorn Tree	*Schinus molle*	Semi-mature	7	3	180	150				234	300	Good	Fair	Medium	2. Medium	A1	2.8	2.0	Area inaccessible. DBH estimated.	Remove
2075	Camphor Laurel	*Cinnamomum camphora*	Mature	9	3	500					500	500	Good	Fair	Medium	2. Medium	Z3	6.0	2.5	Area inaccessible. DBH estimated. Exempt species. Multi stem.	Remove
2075	Camphor Laurel	*Cinnamomum camphora*	Mature	9	3	500					500	500	Good	Fair	Medium	2. Medium	Z3	6.0	2.5	Area inaccessible. DBH estimated. Exempt species. Multi stem.	Remove
2077	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	200	110	100			249	350	Fair	Poor	Low	4. Remove	Z5	3.0	2.1	Topped for power line clearance.	Remove
2078	Sydney Golden Wattle	*Acacia longifolia*	Mature	8	1	160					160	200	Good	Fair	Medium	2. Medium	A1	2.0	1.7	None.	Remove
2080	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	160					160	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located on steep embankment.	Remove
2085	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	250					250	250	Good	Fair	Medium	2. Medium	A1	3.0	1.8	Area inaccessible. DBH estimated.	Remove
2090	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	7	2	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.	Prune
2091	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	10	3	310					310	350	Good	Good	Medium	1. Long	A1	3.7	2.1	None.	Prune
2093	Queensland Brushbox	*Lophostemon confertus*	Mature	11	5	450					450	520	Good	Fair	High	2. Medium	A1	5.4	2.5	Asymmetric crown shape due to power line clearance.	Prune
2094	Water Gum	*Tristaniopsis laurina*	Mature	8	2	250	190				314	350	Good	Good	Medium	1. Long	A1	3.8	2.1	None.	
2095	Bangalay	*Eucalyptus botryoides*	Mature	18	6	560					560	640	Good	Fair	High	2. Medium	A1	6.7	2.7	Asymmetric crown shape due to power line clearance.	Prune
2096	Peppercorn Tree	*Schinus molle*	Mature	6	3	400					400	400	Fair	Fair	Medium	3. Short	Z10	4.8	2.3	Area inaccessible. DBH estimated.	Remove
2097	Peppercorn Tree	*Schinus molle*	Mature	9	5	500					500	500	Good	Fair	Medium	2. Medium	A1	6.0	2.5	Area inaccessible. DBH estimated.	Remove
2098	Chinese Tallo	*Triadica sebifera*	Mature	7	2	240					240	320	Good	Good	Medium	2. Medium	A1	2.9	2.1	None.	Remove
2099	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	5	2	200					200	230	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	None.	Prune
2100	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	5	2	170					170	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.	Prune
2101	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	None.	Prune
2102	Queensland Brushbox	*Lophostemon confertus*	Young	3	1	140					140	170	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Topped at 2m.	Prune
2105	Queensland Brushbox	*Lophostemon confertus*	Mature	7	3	310					310	330	Good	Good	Medium	1. Long	A1	3.7	2.1	None.	Prune
2106	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	380					380	440	Good	Good	Medium	1. Long	A1	4.6	2.3	None.	Prune
2107	Queensland Brushbox	*Lophostemon confertus*	Mature	9	3	310					310	360	Fair	Good	Medium	2. Medium	A2	3.7	2.2	Low foliage density for species.	Prune
2108	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	330					330	370	Fair	Good	Medium	2. Medium	A2	4.0	2.2	Low foliage density for species.	Prune
2129	Queensland Brushbox	*Lophostemon confertus*	Mature	12	5	450					450	480	Good	Good	High	1. Long	A1	5.4	2.4	None.	Prune
2163	Queensland Brushbox	*Lophostemon confertus*	Mature	15	6	800					800	890	Good	Good	Very High	1. Long	A1	9.6	3.2	None.	Prune
2296	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	2	250					250	300	Fair	Fair	Medium	3. Short	Z9	3.0	2.0	DBH estimated. Recently damaged by machinery. Low potential for recovery.	Remove

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
2301	Weeping Bottlebrush	*Callistemon viminalis*	Mature	6	2	220					220	250	Good	Fair	Medium	2. Medium	A1	2.6	1.8	Asymmetric crown shape due to adjacent trees.	Prune
2302	Weeping Bottlebrush	*Callistemon viminalis*	Mature	7	3	350	260				436	500	Good	Good	Medium	1. Long	A1	5.2	2.5	None.	Prune
2303	Weeping Bottlebrush	*Callistemon viminalis*	Mature	8	4	300	370				476	640	Good	Good	Medium	1. Long	A1	5.7	2.7	None.	Prune
2304	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Located behind concrete wall. DBH estimated.	Remove
2305	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	400					400	400	Good	Fair	Low	2. Medium	Z3	4.8	2.3	Exempt species.	Remove
2306	Weeping Bottlebrush	*Callistemon viminalis*	Mature	9	3	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	None.	Remove
2307	Weeping Bottlebrush	*Callistemon viminalis*	Mature	8	2	300					300	350	Good	Fair	Medium	2. Medium	A1	3.6	2.1	Branch failure in crown.	Remove
2308	Weeping Bottlebrush	*Callistemon viminalis*	Mature	8	3	430					430	480	Good	Good	High	1. Long	A1	5.2	2.4	None.	Remove
2313	Sweet Pittosporum	*Pittosporum undulatum*	Mature	6	2	200	150				250	400	Good	Fair	Medium	3. Short	Z10	3.0	2.3	Suppressed by adjacent trees.	Remove
2314	London Plane	*Platanus x hispanica*	Semi-mature	8	2	200					200	200	Good	Fair	Medium	2. Medium	A1	2.4	1.7	DBH estimated.	Remove
2315	London Plane	*Platanus x hispanica*	Semi-mature	9	2	220					220	250	Good	Fair	Medium	2. Medium	A1	2.6	1.8	DBH estimated.	Remove
2316	London Plane	*Platanus x hispanica*	Semi-mature	8	2	120	100				156	300	Good	Fair	Medium	3. Short	Z10	2.0	2.0	Suppressed by adjacent trees. DBH estimated.	Remove
2317	London Plane	*Platanus x hispanica*	Mature	10	6	550					550	600	Good	Good	Medium	1. Long	A1	6.6	2.7	DBH estimated.	Remove
2318	London Plane	*Platanus x hispanica*	Semi-mature	7	3	300	200				361	500	Good	Fair	Medium	2. Medium	A1	4.3	2.5	DBH estimated.	Remove
2319	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	120	100				156	200	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.7	Exempt species.	Prune
2320	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	1	200					200	200	Good	Fair	Very Low	5. Small/Young	Z3	2.4	1.7	Exempt species.	Prune
2321	Blue Jacaranda	*Jacaranda mimosifolia*	Semi-mature	6	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Multi stem.	Prune
2322	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	1200					1200	1200	Good	Fair	Low	2. Medium	Z3	14.4	3.6	Exempt species. Multi stem, DBH estimated at base.	Remove
2323	Bamboo	*Bambusa spp*	Mature	5	2	450					450	NA	Good	Fair	Very Low	5. Small/Young	Z3	3.0	NA	Exempt species. Bamboo	Remove
2324	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	200					200	220	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	DBH estimated.	Remove
2325	Sydney Golden Wattle	*Acacia longifolia*	Mature	9	3	300					300	350	Good	Good	Medium	2. Medium	A1	3.6	2.1	DBH estimated.	Remove
2326	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	DBH estimated.	Remove
2327	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	3	260					260	300	Good	Fair	Medium	2. Medium	A1	3.1	2.0	None.	Remove
2328	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	2	1	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.	Remove
2377	Weeping Bottlebrush	*Callistemon viminalis*	Mature	9	3	180	180	180	150	160	381	750	Good	Good	High	1. Long	A1	4.6	2.9	Visually prominent.	Prune
2378	Tallowood	*Eucalyptus microcorys*	Mature	13	3	330					330	500	Good	Good	High	1. Long	A1	4.0	2.5	Canopy extends into corridor.	Prune
2817	Bracelet Honey Myrtle	*Melaleuca armillaris*	Mature	5	3	300	200				361	550	Good	Fair	Medium	2. Medium	A1	4.3	2.6	Exposed surface roots. Co-dominant stems.	Remove
2818	Bracelet Honey Myrtle	*Melaleuca armillaris*	Mature	7	2	220	240				326	500	Good	Fair	Medium	3. Short	Z9	3.9	2.5	Co-dominant stems with failure of east stem.	Remove
2819	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	7	2	150					150	180	Good	Good	Medium	2. Medium	A1	2.0	1.6	Located within corridor.	Remove
2820	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	150					150	300	Good	Fair	Low	5. Small/Young	Z1	2.0	2.0	Adjacent to fence.	Remove
2821	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	200					200	350	Good	Fair	Medium	3. Short	Z9	2.4	2.1	Adjacent to fence. Previous branch failure.	Remove
2868	Lemon Scented Tea Tree	*Leptospermum petersonii*	Mature	5	2	230	200				305	450	Fair	Good	Medium	2. Medium	A2	3.7	2.4	Located within nature strip. Low foliage density for species. Monitor health.	Prune
2869	Wattle	*Acacia spp*	Semi-mature	3	1	100	90	50			144	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor adjacent to fence.	Remove
2870	Blue Jacaranda	*Jacaranda mimosifolia*	Mature	7	2	250					250	300	Good	Good	Medium	2. Medium	A1	3.0	2.0	Located within corridor.	Prune
2871	Oleander	*Nerium oleander*	Mature	5	2	250					250	250	Good	Fair	Low	5. Small/Young	Z1	3.0	1.8	Located within corridor.	Prune
2872	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	220					220	280	Good	Fair	Medium	4. Remove	Z5	2.6	1.9	Located within corridor. Previous failure of trunk with large vertical crack.	Remove
3069	River She Oak	*Casuarina cunninghamiana*	Mature	18	4	430					430	490	Good	Good	High	1. Long	A1	5.2	2.5	Located within park.	Prune
3125	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	400					400	420	Good	Fair	Low	5. Small/Young	Z1	4.8	2.3	Located within nature strip.	Prune
3128	Swamp Oak	*Casuarina glauca*	Mature	6	4	400					400	450	Good	Fair	Medium	3. Short	Z10	4.8	2.4	Located within nature strip. Topped for power line clearance.	Prune

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
3175	Ash 'Raywood'	*Fraxinus raywood*	Semi-mature	6	2	140					140	200	Good	Fair	Medium	2. Medium	A1	2.0	1.7	Located within nature strip.	Prune
3178	Sydney Green Wattle	*Acacia decurrens*	Mature	8	2	190					190	210	Fair	Fair	Medium	3. Short	Z4	2.3	1.7	Located within nature strip. Low foliage density for species. In decline.	Remove
3179	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	7	2	300					300	300	Good	Fair	Low	2. Medium	Z3	3.6	2.0	Located within corridor. Exempt species.	Prune
3180	Forest Red Gum	*Eucalyptus tereticornis*	Mature	12	5	450					450	550	Fair	Fair	High	2. Medium	A2	5.4	2.6	Located within corridor. Asymmetric crown shape due to power line clearance. Low foliage density for species.	Remove
3181	Ash 'Raywood'	*Fraxinus raywood*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within nature strip.	Remove
3211	Wattle	*Acacia spp*	Mature	5	2	180	200	100			287	350	Fair	Fair	Low	3. Short	Z10	3.4	2.1	Located within corridor. Poor overall form.	Remove
3213	Wattle	*Acacia spp*	Semi-mature	5	1	150					150	190	Good	Fair	Medium	2. Medium	A1	2.0	1.6	Located within corridor.	Remove
3214	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	7	2	150	210				258	300	Good	Good	Medium	1. Long	A1	3.1	2.0	Located within corridor.	Remove
3215	Wattle	*Acacia spp*	Mature	6	2	250					250	250	Fair	Fair	Medium	3. Short	Z10	3.0	1.8	Located within corridor. Poor overall form. Vine cover throughout crown.	Remove
3216	Chinese Tallo	*Triadica sebifera*	Semi-mature	5	2	180					180	220	Good	Fair	Low	3. Short	Z10	2.2	1.8	Located within corridor. Topped for power line clearance.	Remove
3276	River She Oak	*Casuarina cunninghamiana*	Semi-mature	10	2	170					170	220	Good	Good	Medium	1. Long	A1	2.0	1.8	Trunk in contact with CSR. Removal required for relocation if assets.	Remove
3277	Tallowood	*Eucalyptus microcorys*	Semi-mature	5	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	Located within council verge/garden bed.	Remove
3278	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	Located within nature strip.	Remove
3279	Tallowood	*Eucalyptus microcorys*	Mature	18	6	550					550	750	Good	Good	High	1. Long	A1	6.6	2.9	Located within council verge/garden bed.	Remove
3280	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	400	160	200	150	100	508	640	Good	Fair	High	3. Short	Z10	6.1	2.7	Located within nature strip. Lopped for power line clearance.	Remove
3281	Tallowood	*Eucalyptus microcorys*	Mature	18	6	580					580	720	Good	Good	High	1. Long	A1	7.0	2.9	Located within council verge/garden bed. Co-dominant stems with tight union.	Remove
3282	Tallowood	*Eucalyptus microcorys*	Mature	14	7	500	400	380			745	850	Good	Good	High	1. Long	A1	8.9	3.1	Located within council verge/garden bed.	Remove
3286	Sydney Blue Gum	*Eucalyptus saligna*	Mature	14	6	590					590	650	Good	Fair	High	3. Short	Z10	7.1	2.8	Located within nature strip. Significantly pruned for power line clearance. Asymmetric crown shape. Low potential for recovery.	Remove
3287	Bangalay	*Eucalyptus botryoides*	Mature	11	6	550					550	580	Good	Fair	High	3. Short	Z10	6.6	2.6	Located within nature strip. Significantly pruned for power line clearance. Asymmetric crown shape. Low potential for recovery.	Remove
3288	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	11	7	400					400	450	Good	Fair	High	3. Short	Z10	4.8	2.4	Located within nature strip. Significantly pruned for power line clearance. Asymmetric crown shape. Low potential for recovery.	Remove
3292	River She Oak	*Casuarina cunninghamiana*	Mature	15	6	540					540	600	Good	Good	High	1. Long	A1	6.5	2.7	Crown lift to 4.5m for heavy vehicle access.	Prune
3293	Parramatta Wattle	*Acacia parramattensis*	Young	1	0.5	40					40	50	Good	Fair	Very Low	5. Small/Young	Z1	2.0	1.5	Not a tree as defined in scope. Vegetation only. Remove	Remove
3294	Chinese Tallo	*Triadica sebifera*	Young	2	1	10	20	20	30	20	47	100	Good	Fair	Very Low	5. Small/Young	Z1	2.0	1.5	Not a tree as defined in scope. Vegetation only.	Remove
3295	Wattle	*Acacia spp*	Young	3	1	100					100	140	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Potential to be impacted by underground services and GLT.	Remove
3296	Wattle	*Acacia spp*	Semi-mature	5	3	250					250	250	Good	Fair	Medium	2. Medium	A1	3.0	1.8	Minor tip prune to clear 1.5m.	Prune
3375	White Mulberry	*Morus alba*	Semi-mature	7	2	200	150	90	90		281	350	Good	Fair	Low	2. Medium	Z3	3.4	2.1	Located within corridor. Exempt species.	Remove
3376	Teatree	*Melaleuca spp*	Semi-mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Crown reduction in line with brick wall.	Prune

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
3377	Honey Myrtle	*Melaleuca bracteata 'Revolution Gold'*	Mature	7	3	300	280				410	450	Good	Fair	Medium	2. Medium	A1	4.9	2.4	Co-dominant stems.	Prune
3378	Honey Myrtle	*Melaleuca bracteata 'Revolution Gold'*	Semi-mature	6	2	200					200	220	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	Crown raise to 2m.	Prune
3379	Honey Myrtle	*Melaleuca bracteata 'Revolution Gold'*	Semi-mature	6	1	140					140	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	No pruning required.	Retain
3380	Honey Myrtle	*Melaleuca bracteata 'Revolution Gold'*	Semi-mature	6	2	110	150				186	250	Good	Fair	Low	5. Small/Young	Z1	2.2	1.8	No pruning required.	Retain
3381	Swamp Oak	*Casuarina glauca*	Mature	9	3	240	280				369	390	Good	Fair	Medium	2. Medium	Z10	4.4	2.2	Co-dominant stems at 1m.	Prune
3383	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	1	150					150	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove for CSR.	Remove
3384	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	1	150					150	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove for CSR.	Remove
3385	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	1	150					150	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove for CSR.	Remove
3386	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	1	150					150	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove for CSR.	Remove
3387	Golden Wreath Wattle	*Acacia saligna*	Mature	5	2	100	100	100	100	100	224	450	Good	Fair	Low	5. Small/Young	Z1	2.7	2.4	Remove for CSR.	Remove
3434	Golden Wreath Wattle	*Acacia saligna*	Mature	5	2	250					250	280	Good	Fair	Low	5. Small/Young	Z1	3.0	1.9	Significant trunk lean.	Remove
3435	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	2	150	100				180	190	Good	Fair	Low	5. Small/Young	Z1	2.2	1.6	Growing through fence.	Remove
3436	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	2	150					150	170	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Growing through fence.	Remove
3437	Golden Wreath Wattle	*Acacia saligna*	Mature	3	4	300					300	450	Good	Fair	Low	3. Short	Z10	3.6	2.4	Growing through fence.	Remove
3438	Golden Wreath Wattle	*Acacia saligna*	Mature	6	3	260					260	310	Good	Good	Medium	1. Long	A1	3.1	2.0	None.	Remove
3439	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	2	200					200	230	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	Asymmetric crown shape.	Remove
3440	Golden Wreath Wattle	*Acacia saligna*	Young	5	1	110					110	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove
3441	Golden Wreath Wattle	*Acacia saligna*	Dead	6	1	150					150	180	Dead	Poor	Low	4. Remove	Z4	2.0	1.6	Dead tree.	Remove
3442	Golden Wreath Wattle	*Acacia saligna*	Mature	5	3	200	180				269	350	Good	Fair	Medium	3. Short	Z10	3.2	2.1	Growing through fence.	Remove
3443	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	4	2	130					130	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Growing through fence.	Remove
3444	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	6	1	110	120	100			191	220	Good	Fair	Low	5. Small/Young	Z1	2.3	1.8	Growing through fence.	Remove
3445	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	7	2	200					200	220	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	None.	Remove
3446	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	7	2	240					240	250	Fair	Fair	Low	3. Short	Z4	2.9	1.8	Growing through fence. In decline.	Remove
3447	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	6	2	110	130				170	250	Fair	Fair	Low	3. Short	Z4	2.0	1.8	Growing through fence. In decline.	Remove
3448	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	2	100	100	130			192	240	Good	Fair	Low	5. Small/Young	Z1	2.3	1.8	Growing through fence.	Remove
3449	Golden Wreath Wattle	*Acacia saligna*	Young	4	2	100	80				128	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.	Remove
3450	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	6	2	100	150				180	350	Good	Fair	Low	5. Small/Young	Z1	2.2	2.1	None.	Remove
3451	Golden Wreath Wattle	*Acacia saligna*	Dead	6	1	200					200	220	Dead	Poor	Low	4. Remove	Z4	2.4	1.8	Dead tree.	Remove
3452	Golden Wreath Wattle	*Acacia saligna*	Mature	6	2	250					250	270	Good	Good	Low	5. Small/Young	Z1	3.0	1.9	None.	Remove
3453	Swamp Oak	*Casuarina glauca*	Mature	16	8	800					800	850	Good	Good	High	1. Long	A1	9.6	3.1	Pruning.	Prune
3454	Swamp Oak	*Casuarina glauca*	Mature	14	4	240	110				264	400	Good	Good	High	1. Long	A1	3.2	2.3	Pruning.	Prune
3455	Port Jackson Fig	*Ficus rubiginosa*	Semi-mature	7	3	450					450	500	Good	Fair	Medium	3. Short	Z10	5.4	2.5	Remove. Pruned for power line clearance.	Remove
3456	Cheese Tree	*Glochidion ferdinandi*	Young	4	1	170					170	170	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located on embankment. Remove.	Remove
3457	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	3	2	170					170	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Remove	Remove
3458	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	8	2	170					170	190	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Remove	Remove
3459	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	7	1.5	170					170	190	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Remove	Remove
3460	Eucalypt	*Eucalyptus spp*	Semi-mature	10	2	100	200				224	300	Good	Good	Low	5. Small/Young	Z1	2.7	2.0	Tree information estimated.	Remove
3461	Eucalypt	*Eucalyptus spp*	Semi-mature	8	2	200					200	250	Good	Good	Low	5. Small/Young	Z1	2.4	1.8	Tree information estimated.	Remove
3462	Eucalypt	*Eucalyptus spp*	Semi-mature	8	2	150	150	180			278	300	Good	Good	Low	5. Small/Young	Z1	3.3	2.0	Tree information estimated.	Remove
3463	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	1	100					100	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Tree information supplied by JHLOR only.	Prune
3464	Golden Wreath Wattle	*Acacia saligna*	Young	4	2	110					110	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Asymmetric crown shape. Majority of canopy overhangs access road.	Remove

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
3465	Golden Wreath Wattle	*Acacia saligna*	Young	4	1	100					100	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Majority of crown overhangs the access road.	Remove
3466	Golden Wreath Wattle	*Acacia saligna*	Dead	3	1	100					100	110	Dead	Poor	Low	4. Remove	Z4	2.0	1.5	Dead.	Retain
3467	Chinese Thuja	*Thuja orientalis*	Semi-mature	6	2	250					250	250	Good	Fair	Medium	2. Medium	A1	3.0	1.8	Located in adjoining property. DBH estimated near base. Prune	Prune
3468	Chinese Thuja	*Thuja orientalis*	Semi-mature	6	2	250					250	250	Good	Fair	Medium	2. Medium	A1	3.0	1.8	Located in adjoining property. DBH estimated near base. Prune	Prune
3469	Chinese Thuja	*Thuja orientalis*	Semi-mature	6	2	250					250	250	Good	Fair	Medium	2. Medium	A1	3.0	1.8	Located in adjoining property. DBH estimated near base. Prune	Prune
3470	Weeping Bottlebrush	*Callistemon viminalis*	Mature	5	3	330					330	330	Fair	Fair	Medium	3. Short	Z4	4.0	2.1	Low foliage density for species. Early stages of decline. Prune	Prune
3471	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	250					250	250	Good	Fair	Low	1. Long	Z3	3.0	1.8	Exempt species. Prune	Prune
3472	Chinese Pistacio	*Pistacia chinensis*	Young	3	1	100					100	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove	Remove
3473	Chinese Pistacio	*Pistacia chinensis*	Young	3	1	100					100	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove	Remove
3474	Chinese Pistacio	*Pistacia chinensis*	Young	3	1	100					100	130	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove	Remove
3475	Water Gum	*Tristaniopsis laurina*	Young	2.5	1	80					80	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None. Remove	Remove
3476	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	4	2	240					240	240	Good	Fair	Low	5. Small/Young	Z1	2.9	1.8	Remove excessive canopy pruning.	Remove
3477	Golden Wreath Wattle	*Acacia saligna*	Young	3	2	80	120				144	400	Good	Fair	Low	5. Small/Young	Z1	2.0	2.3	Prune	Prune
3478	Golden Wreath Wattle	*Acacia saligna*	Young	3.5	1	50	30				58	70	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove due to excessive pruning.	Remove
3479	Golden Wreath Wattle	*Acacia saligna*	Young	3.5	1	50	30				58	70	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove due to excessive pruning.	Remove
3480	Golden Wreath Wattle	*Acacia saligna*	Young	3.5	1	50	30				58	70	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove due to excessive pruning.	Remove
3481	Golden Wreath Wattle	*Acacia saligna*	Young	3.5	1.5	100					100	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Pruning	Prune
3482	Golden Wreath Wattle	*Acacia saligna*	Young	3.5	1	110					110	110	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3483	Golden Wreath Wattle	*Acacia saligna*	Young	4	1.5	160					160	160	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove due to pruning	Remove
3484	Golden Wreath Wattle	*Acacia saligna*	Young	3	1	50					50	70	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove due to pruning	Remove
3485	Golden Wreath Wattle	*Acacia saligna*	Dead	4	2	200					200	260	Dead	Poor	Low	4. Remove	Z4	2.4	1.9	Prune south side	Prune
3486	Golden Wreath Wattle	*Acacia saligna*	Young	6	1.5	150					150	170	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Prune	Prune
3487	Golden Wreath Wattle	*Acacia saligna*	Young	4	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Prune	Prune
3488	Golden Wreath Wattle	*Acacia saligna*	Young	6	1.5	100					100	140	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3489	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	DBH estimated near base. Prune	Prune
3490	Golden Rain Wattle	*Acacia prominens*	Young	4	1.5	120					120	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3491	Golden Rain Wattle	*Acacia prominens*	Young	3	1	150					150	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3492	Parramatta Wattle	*Acacia parramattensis*	Young	4	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Prune	Prune
3493	Lemon Scented Gum	*Corymbia citriodora*	Semi-mature	9	3	170	90				192	450	Good	Fair	Medium	3. Short	Z9	2.3	2.4	Regrowth from old stump. Remove	Remove
3494	Chinese Tallo	*Triadica sebifera*	Semi-mature	6	2	200					200	250	Good	Good	Low	2. Medium	Z3	2.4	1.8	Exempt species. Prune	Prune
3495	Golden Wreath Wattle	*Acacia saligna*	Mature	8	4	360					360	360	Good	Fair	Medium	2. Medium	A1	4.3	2.2	Co-dominant stems with tight union. DBH measured near base. Prune	Prune
3496	Golden Wreath Wattle	*Acacia saligna*	Mature	8	3	280					280	280	Good	Fair	Medium	2. Medium	A1	3.4	1.9	Co-dominant stems with tight union. DBH measured near base. Prune	Prune
3497	Golden Wreath Wattle	*Acacia saligna*	Mature	8	3	270					270	360	Good	Fair	Medium	2. Medium	A1	3.2	2.2	Co-dominant stems with tight union. DBH measured near base. Prune	Prune
3498	Tallowood	*Eucalyptus microcorys*	Young	4	1	60	65				88	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Prune	Prune
3499	Tallowood	*Eucalyptus microcorys*	Young	2	1	40					40	60	Good	Fair	Very Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3500	Tallowood	*Eucalyptus microcorys*	Young	3	1	50					50	70	Good	Fair	Very Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3502	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	4.5	1.5	170					170	170	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Remove	Remove
3503	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	4	1.5	120					120	150	Good	Fair	Low	4. Remove	Z1	2.0	1.5	Remove	Remove
3504	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	4	2	110					110	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Asymmetric crown shape. Prune	Prune

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
3506	Golden Rain Wattle	*Acacia prominens*	Semi-mature	4.5	1	100					100	110	Good	Fair	Medium	5. Small/Young	Z1	2.0	1.5	None.	Prune
3507	Hop Wattle	*Acacia stricta*	Young	5	2	100	50				112	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Apical dieback.	Prune
3508	Hop Wattle	*Acacia stricta*	Young	5	1	80	70				106	170	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.6	Apical dieback.	Prune
3510	Hop Wattle	*Acacia stricta*	Dead	4	2	100	100	80	50	50	177	320	Dead	Fair	Low	4. Remove	Z4	2.1	2.1	Majority of tree is dead.	Prune
3511	Golden Rain Wattle	*Acacia prominens*	Semi-mature	4	1.5	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.	Prune
3512	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Young	4	1	50	50	50			87	170	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	Growing directly adjacent to GST. DBH estimated	Remove
3513	Parramatta Wattle	*Acacia parramattensis*	Young	4	2	170					170	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Prune	Prune
3514	Parramatta Wattle	*Acacia parramattensis*	Young	4	2	170					170	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Prune	Prune
3515	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	3	1	40					40	50	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3516	Golden Wreath Wattle	*Acacia saligna*	Mature	4	1	60					60	70	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3517	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	4	1.5	140					140	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3518	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	4	1	90					90	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3519	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	3	1	40					40	50	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Prune	Prune
3520	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	5	2	110	130				170	220	Good	Poor	Low	4. Remove	Z4	2.0	1.8	Failure of included bark at co-dominant stems.	Remove
3521	Swamp Sheoak	*Casuarina glauca*	Young	3	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Growing through fence.	Remove
3522	Swamp Sheoak	*Casuarina glauca*	Young	5	1.5	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Growing through fence.	Remove
3523	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	7	3	120	150	100	70		228	300	Good	Fair	Low	3. Short	Z10	2.7	2.0	Regrowth from stump. Growing through fence.	Remove
3524	Wattle	*Acacia spp*	Young	4	1	100	80	50			137	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Growing through fence.	Remove
3525	Wattle	*Acacia spp*	Young	4	1	100	80	50			137	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Growing through fence.	Remove
3526	Golden Wreath Wattle	*Acacia saligna*	Mature	7	2	200					200	250	Good	Fair	Medium	3. Short	Z1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3527	Golden Wreath Wattle	*Acacia saligna*	Mature	7	2	200					200	250	Good	Fair	Medium	3. Short	Z1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3528	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3529	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3530	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3531	Pygmy Date Palm	*Phoenix roebelenii*	Semi-mature	3	1	100	100				141	NA	Good	Fair	Low	5. Small/Young	Z1	2.0	NA	All measurements estimates based on information from JHLOR.	Remove
3532	Swamp Sheoak	*Casuarina glauca*	Semi-mature	8	2	250					250	300	Good	Good	Medium	1. Long	A1	3.0	2.0	All measurements estimates based on information from JHLOR.	Remove
3533	Parramatta Wattle	*Acacia parramattensis*	Semi-mature	7	2	170					170	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	All measurements estimates based on information from JHLOR.	Remove
3534	White Cedar	*Melia azedarach*	Young	5	2	170					170	190	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	All measurements estimates based on information from JHLOR.	Remove
3535	Golden Wreath Wattle	*Acacia saligna*	Young	4	1.5	110					110	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	All measurements estimates based on information from JHLOR.	Remove

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
3536	Golden Wreath Wattle	*Acacia saligna*	Young	4	1.5	110					110	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	All measurements estimates based on information from JHLOR.	Remove
3537	Golden Wreath Wattle	*Acacia saligna*	Young	4	1.5	110					110	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	All measurements estimates based on information from JHLOR.	Remove
3538	Silky Oak	*Grevillea robusta*	Young	4	1	50	80	90			130	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	All measurements estimates based on information from JHLOR.	Remove
3539	Sweetgum	*Liquidambar styraciflua*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	All measurements estimates based on information from JHLOR.	Remove
3540	Sweetgum	*Liquidambar styraciflua*	Young	4.5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	All measurements estimates based on information from JHLOR.	Remove
3541	Parramatta Wattle	*Acacia parramattensis*	Young	4	1.5	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	All measurements estimates based on information from JHLOR.	Remove
3542	Golden Wreath Wattle	*Acacia saligna*	Mature	7	3	100	120	100	110		216	260	Fair	Fair	Medium	3. Short	Z4	2.6	1.9	In decline. All measurements estimates based on information from JHLOR.	Remove
3543	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	6	2.5	100	150				180	300	Good	Fair	Medium	2. Medium	Z10	2.2	2.0	All measurements estimates based on information from JHLOR.	Remove
3544	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3545	Pygmy Date Palm	*Phoenix roebelenii*	Semi-mature	3	1	100	100				141	NA	Good	Fair	Low	5. Small/Young	Z1	2.0	NA	All measurements estimates based on information from JHLOR.	Remove
3546	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3547	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3548	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3549	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3550	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3551	Evergreen Alder	*Alnus jorullensis*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	All measurements estimates based on information from JHLOR.	Remove
3552	Golden Wreath Wattle	*Acacia saligna*	Mature	7	2.5	340					340	360	Good	Fair	Medium	3. Short	Z10	4.1	2.2	All measurements estimates based on information from JHLOR.	Remove
3553	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	6	1	170					170	190	Good	Fair	Low	3. Short	Z10	2.0	1.6	All measurements estimates based on information from JHLOR.	Remove
3554	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	6	2	220					220	250	Good	Fair	Low	3. Short	Z10	2.6	1.8	All measurements estimates based on information from JHLOR.	Remove
3555	Golden Wreath Wattle	*Acacia saligna*	Young	5	1	90					90	100	Good	Fair	Low	2. Medium	Z10	2.0	1.5	All measurements estimates based on information from JHLOR.	Remove
3556	Swamp Sheoak	*Casuarina glauca*	Semi-mature	8	2.5	280					280	330	Good	Good	Medium	1. Long	A1	3.4	2.1	All measurements estimates based on information from JHLOR.	Remove
G5a	Wattle	*Acacia spp*	Young	3	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located within corridor. Group of wattles. Approximately 5 individuals.	Remove
G6	Cheese Tree	*Glochidion ferdinandi*	Semi-mature	5	2	100	150				180	200	Good	Fair	Medium	3. Short	Z9	2.2	1.7	Group of trees located within corridor and on nature strip. All topped at 5m for power line clearance.	Remove
G17	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Group of approximately 150 small trees.	Remove

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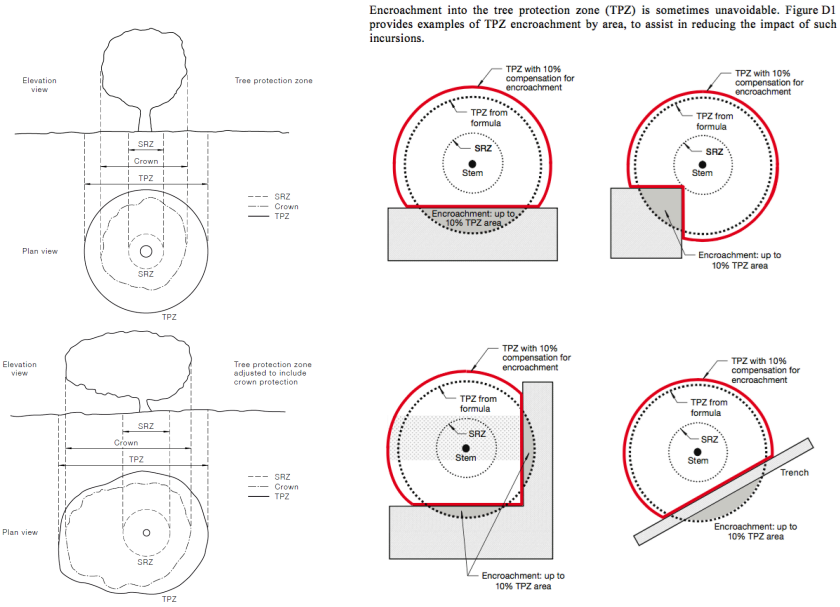
Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
G18	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	180					180	220	Good	Fair	Low	5. Small/Young	Z1	2.2	1.8	Group of approximately 46 trees. 100-200mm stem diameter.	Remove
G21	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	5	1	100					100	120	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Group of approximately 13 trees.	Remove
G22	Wattle	*Acacia spp*	Semi-mature	5	1	100					100	150	Fair	Fair	Low	5. Small/Young	Z1	2.0	1.5	Group of approximately 80 trees. Overall condition of group is fair-poor.	Prune
G23	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Group of approximately 20 trees within corridor. 12 trees to be removed.	Remove
G24	Mixed Species	*Mixed species*	Mature	6	2	200					200	250	Good	Fair	Low	2. Medium	Z3	2.4	1.8	Group of approximately 20 trees. Weed species exempt from protection including African Olive, Camphor Laurel, Privet, Lantana.	Remove
G26	Mixed Species	*Mixed spp*	Mature	15	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	Area inaccessible between Myrtle Street and Carrington Road. Tree data estimated from Myrtle Street. Group of approximately 20 trees, including Acacia spp, Eucalyptus spp, Ligustrum spp, Cinnamomum camphora.	Prune
G27	Mixed Species	*Mixed species*	Young	2.5	1	100					100	150	Good	Fair	Very Low	5. Small/Young	Z3	2.0	1.5	Vegetation. Group of mixed species weeds	Prune
G28	Mixed Species	*Mixed species*	Semi-mature	10	3	250					250	300	Good	Fair	Low	5. Small/Young	Z1	3.0	2.0	Group of approximately 20 trees. Majoirty are weed species exempt from protection including African Olive. One Swamp Sheoak also within group.	Prune
G29	Golden Wreath Wattle	*Acacia saligna*	Young	4	1.5	110					110	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Remove for fencing.	Remove
G30	Mixed Species	*Mixed species*	Young	3	1	100					100	100	Good	Fair	Very Low	5. Small/Young	Z1	2.0	1.5	Selective removal for CSR. Majority is vegetation.	Remove
G31	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	6	1.5	200					200	250	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	Group of 14 trees and additional insignificant regrowth. Remove for fencing.	Remove
G31	Golden Wreath Wattle	*Acacia saligna*	Semi-mature	6	1.5	170					170	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Group of 3 trees and additional insignificant regrowth. Remove for fencing.	Remove

Explanatory Notes

Tree Species - Common name followed by botanical name. Where species is unknown it is indicated with an *'spp'*.
Age Class - Over mature (OM), Mature (M), Early mature (EM), Semi mature (SM), Young (Y).
Diameter at Breast Height (DBH) - Measured with a DBH tape or estimated at approximately 1.4m above ground level.
Diameter Above root Buttresses (DAB): Measured with a DBH tape or estimated above root buttresses (DAB) for calculating the SRZ.
Height - Height from ground level to top of crown. All heights are estimated unless otherwise indicated.
Spread - Radius of crown at widest section. All tree spreads are estimated unless otherwise indicated.
Tree Protection Zone (TPZ) - DBH x 12. Measured in radius from the centre of the trunk. Rounded to nearest 0.1m. For monocots, the TPZ is set at 1 metre outside the crown projection.
Structural Root Zone (SRZ) - $(DAB \times 50)^{0.42} \times 0.64$. Measured in radius from the centre of the trunk. Rounded up to nearest 0.1m.
Health - Good/Fair/Poor/Dead
Structure - Good/Fair/Poor
Safe Useful Life Expectancy (SULE) - 1. Long (40+years), 2. Medium (15 - 40 years), 3. Short (5 - 15 years), 4. Remove (under 5 years), 5. Small/young.
Amenity Value - Very High/High/Medium/Low/Very Low.
Retention Value: Tree AZ, see appendix 3 for categories.
Recommendations: Retain, Prune, Remove. See report for detailed information.

Appendix 3 - Further Information of Methodology

1. **Tree Protection Zone:** The tree protection zone (TPZ) is the principle means of protecting trees on development sites. The TPZ is a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance, so that the tree remains viable. The radius of the TPZ is calculated for each tree by multiplying its DBH x 12. The derived value is measured in radius from the centre of the stem/trunk at ground level. A TPZ should not be less than 2.0 metres nor greater than 15 metres (except where crown protection is required).
It is commonly observed that tree roots will extend significant further than the indicative TPZ, however the TPZ is an area identified AS4970-2009 to be extent where root loss or disturbance will generally not impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The tree protection also incorporates the SRZ (see below for more information about the SRZ). I have calculated the TPZ of palms, other monocots, cycads and tree ferns at one metre outside the crown projection. See appendices for additional information about the TPZ including information about calculating the TPZ and examples of TPZ encroachment.
Minor encroachment into TPZ: Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.
Major encroachment into TPZ: Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted.



2. **Structural Root Zone:** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always need to be maintained to preserve a viable tree as it will only have a minor effect on the trees vigour and health. There are several factors that determine the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally work within the SRZ should be avoided.
An indicative SRZ radius can be determined from the diameter of the trunk measured immediately above the root buttresses. Root investigation could provide more information about the extent of the SRZ. The following formula should be used to calculate the SRZ.
SRZ radius = $(D \times 50)^{0.42} \times 0.64$ (D = Diameter above root buttress).

3. **Tree Age Class:** If can be difficult to determine the age of a tree without carrying out invasive tests that may damage the tree, so we have categorised there likely age class which is defined below;
    - Young/Newly planted: Young or recently planted tree.
    - Semi Mature: Up to 20% of the usual life expectancy for the species.
    - Early mature/Mature: Between 20%-80% of the usual life expectancy for the species.
    - Over mature: Over 80% of the usual life expectancy for the species.
    - Dead: Tree is dead or almost dead.

4. **Health/Physiological Condition:** Below are examples conditions used when assigning a category for tree health.

Category	Example condition	Summary
Good	• Crown has good foliage density for species. • Tree shows no or minimal signs of pathogens that are unlikely to have an effect on the health of the tree. • Tree is displaying good vigour and reactive growth development.	• The tree is in above average health and condition and no remedial works are required.
Fair	• The tree may be starting to dieback or have over 25% deadwood. • Tree may have slightly reduced crown density or thinning. • There may be some discolouration of foliage. • Average reactive growth development. • There may be early signs of pathogens which may further deteriorate the health of the tree. • There may be epicormic growth indicating increased levels of stress within the tree.	• The tree is in below average health and condition and may require remedial works to improve the trees health.
Poor	• The may be in decline, have extensive dieback or have over 30% deadwood. • The canopy may be sparse or the leaves may be unusually small for species. • Pathogens or pests are having a significant detrimental effect on the tree health.	• The tree is displaying low levels of health and removal or remedial works may be required.
Dead	• The tree is dead or almost dead.	• The tree should generally be removed.

5. **Structural Condition:** Below are examples conditions used when assigning a category for structural condition.

Category	Example condition	Summary
Good	• Branch unions appear to be strong with no sign of defects. • There are no significant cavities. • The tree is unlikely to fail in usual conditions. • The tree has a balanced crown shape and form.	• The tree is considered structurally good with well developed form.
Fair	• The tree may have minor structural defects within the structure of the crown that could potentially develop into more significant defects. • The tree may a cavity that is currently unlikely to fail but may deteriorate in the future. • The tree is an unbalanced shape or leans significantly. • The tree may have minor damage to its roots. • The root plate may have moved in the past but the tree has now compensated for this. • Branches may be rubbing or crossing.	• The identified defects are unlikely cause major failure. • Some branch failure may occur in usual conditions. • Remedial works can be undertaken to alleviate potential defects.
Poor	• The tree has significant structural defects. • Branch unions may be poor or weak. • The tree may have a cavity or cavities with excessive levels of decay that could cause catastrophic failure. • The tree may have root damage or is displaying signs of recent movement. • The tree crown may have poor weight distribution which could cause failure.	• The identified defects are likely to cause either partial or whole failure of the tree.

6. **Amenity Value:** To determine the amenity value of a tree we assess a number of different factors, which include but are not limited to the information below.
   - The visibility of the tree to adjacent sites.
   - The relationship between the tree and the site.
   - Whether the tree is protected by any statuary conditions.
   - The habitat value of the tree.
   - Whether the tree is considered a noxious weed species.

   The amenity value is rated using one of the following values.
   - Very High
   - High
   - Moderate
   - Low
   - Very Low

7. **Safe Useful Life Expectancy (SULE), (Barrel, 2001):** A trees safe useful life expectancy is determined by assessing a number of different factors including the health and vitality, estimated age in relation to expected life expectancy for the species, structural defects, and remedial works that could allow retention in the existing situation.

Category	Description
1. Long - Over 40 years	(a) Structurally sound trees located in positions that can accommodate future growth. (b) Trees that could be made suitable for retention in the long term by remedial tree care. (c) Trees of special significance for historical, commemorative or rarity reasons that would warrant extraordinary efforts to secure their long term retention.
2. Medium - 15 to 40 years	(a) Trees that may only live between 15 and 40 more years. (b) Trees that could live for more than 40 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 40 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that could be made suitable for retention in the medium term by remedial tree care.
3. Short - 5 to 15 years	(a) Trees that may only live between 5 and 15 more years. (b) Trees that could live for more than 15 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 15 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that require substantial remedial tree care and are only suitable for retention in the short term.
4. Remove - Under 5 years	(a) Dead, dying, suppressed or declining trees because of disease or inhospitable conditions. (b) Dangerous trees because of instability or recent loss of adjacent trees. (c) Dangerous trees because of structural defects including cavities, decay, included bark, wounds or poor form. (d) Damaged trees that are clearly not safe to retain. (e) Trees that could live for more than 5 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (f) Trees that are damaging or may cause damage to existing structures within 5 years. (g) Trees that will become dangerous after removal of other trees for the reasons given in (a) to (f). (h) Trees in categories (a) to (g) that have a high wildlife habitat value and, with appropriate treatment, could be retained subject to regular review.
5. Small/Young	(a) Small trees less than 5m in height. (b) Young trees less than 15 years old but over 5m in height. (c) Formal hedges and trees intended for regular pruning to artificially control growth.

8. **Root investigations:** The root investigations should identify roots greater than 30mm in diameter that are located along the edge of the structures footprint or in the location of footings. Root investigations must be carried out using non-invasive methods (manual excavations). Any excavations for the root investigations must carried out manually to avoid damaging the roots during excavations. Manual excavation may include the use of a high-pressure air/air knife, or a combination of high-pressure water and a vacuum device. When hand excavating carefully work around roots retaining as many as possible. Take care to not fray, wound, or cause damage to any roots during excavations as this may cause decay or infection from pathogens. It is essential that exposed roots are kept moist and the excavation back filled as soon as possible. The root investigations should be carried out by a qualified Arborist minimum AQF3. Once roots are exposed, a visual assessment can be carried out by a consulting Arborist to evaluate the potential impact of the proposed root loss on the health and stability of the tree. A root map/report should be prepared identifying the findings of investigations, including photographs as supporting evidence in the report.

9. **Retention Value:** The system I have used to award the retention value is Tree AZ. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The table below provides a brief description of each category.

TreeAZ Categories (Version 10.04-ANZ)

CAUTION: TreeAZ assessments must be carried out by a competent person qualified and experienced in arboriculture. The following category descriptions are designed to be a brief field reference and are not intended to be self-explanatory. They must be read in conjunction with the most current explanations published at www.TreeAZ.com.

Category Z: Unimportant trees not worthy of being a material constraint

Local policy exemptions: Trees that are unsuitable for legal protection for local policy reasons including size, proximity and species	
Z1	Young or insignificant small trees, i.e. below the local size threshold for legal protection, etc
Z2	Too close to a building, i.e. exempt from legal protection because of proximity, etc
Z3	Species that cannot be protected for other reasons, i.e. scheduled noxious weeds, out of character in a setting of acknowledged importance, etc
High risk of death or failure: Trees that are likely to be removed within 10 years because of acute health issues or severe structural failure	
Z4	Dead, dying, diseased or declining
Z5	Severe damage and/or structural defects where a high risk of failure cannot be satisfactorily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, overgrown and vulnerable to adverse weather conditions, etc
Z6	Instability, i.e. poor anchorage, increased exposure, etc
Excessive nuisance: Trees that are likely to be removed within 10 years because of unacceptable impact on people	
Z7	Excessive, severe and intolerable inconvenience to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. dominance, debris, interference, etc
Z8	Excessive, severe and intolerable damage to property to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. severe structural damage to surfacing and buildings, etc
Good management: Trees that are likely to be removed within 10 years through responsible management of the tree population	
Z9	Severe damage and/or structural defects where a high risk of failure can be temporarily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, vulnerable to adverse weather conditions, etc
Z10	Poor condition or location with a low potential for recovery or improvement, i.e. dominated by adjacent trees or buildings, poor architectural framework, etc
Z11	Removal would benefit better adjacent trees, i.e. relieve physical interference, suppression, etc
Z12	Unacceptably expensive to retain, i.e. severe defects requiring excessive levels of maintenance, etc

NOTE: Z trees with a high risk of death/failure (Z4, Z5 & Z6) or causing severe inconvenience (Z7 & Z8) at the time of assessment and need an urgent risk assessment can be designated as ZZ. ZZ trees are likely to be unsuitable for retention and at the bottom of the categorization hierarchy. In contrast, although Z trees are not worthy of influencing new designs, urgent removal is not essential and they could be retained in the short term, if appropriate.

Category A: Important trees suitable for retention for more than 10 years and worthy of being a material constraint

A1	No significant defects and could be retained with minimal remedial care
A2	Minor defects that could be addressed by remedial care and/or work to adjacent trees
A3	Special significance for historical, cultural, commemorative or rarity reasons that would warrant extraordinary efforts to retain for more than 10 years
A4	Trees that may be worthy of legal protection for ecological reasons (Advisory requiring specialist assessment)

NOTE: Category A1 trees that are already large and exceptional, or have the potential to become so with minimal maintenance, can be designated as AA at the discretion of the assessor. Although all A and AA trees are sufficiently important to be material constraints, AA trees are at the top of the categorization hierarchy and should be given the most weight in any selection process.

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Glossary of Terms

Abiotic - Pertaining to non-living agents; e.g. environmental factors

Adventitious shoots - Shoots that develop other than from apical, axillary or dormant buds; see also 'epicormic'

Anchorage - The system whereby a tree is fixed within the soil, involving cohesion between roots and soil and the development of a branched system of roots which withstands wind and gravitational forces transmitted from the aerial parts of the tree

Bark - A term usually applied to all the tissues of a woody plant lying outside the vascular cambium, thus including the phloem, cortex and periderm; occasionally applied only to the periderm or the phellem

Branch:
• **Primary**. A first order branch arising from a stem
• **Lateral**. A second order branch, subordinate to a primary branch or stem and bearing sub-lateral branches
• **Sub-lateral**. A third order branch, subordinate to a lateral or primary branch, or stem and usually bearing only twigs

Branch collar - A visible swelling formed at the base of a branch whose diameter growth has been disproportionately slow compared to that of the parent stem; a term sometimes applied also to the pattern of growth of the cells of the parent stem around the branch base

Brown-rot - A type of wood decay in which cellulose is degraded, while lignin is only modified

Buckling - An irreversible deformation of a structure subjected to a bending load

Buttress zone - The region at the base of a tree where the major lateral roots join the stem, with buttress-like formations on the upper side of the junctions

Cambium - Layer of dividing cells producing xylem (woody) tissue internally and phloem (bark) tissue externally

Canker - A persistent lesion formed by the death of bark and cambium due to colonisation by fungi or bacteria

Compartmentalisation - The confinement of disease, decay or other dysfunction within an anatomically discrete region of plant tissue, due to passive and/or active defences operating at the boundaries of the affected region

Compressive loading - Mechanical loading which exerts a positive pressure; the opposite to tensile loading

Condition - An indication of the physiological condition of the tree. Where the term ‘condition’ is used in a report, it should not be taken as an indication of the stability of the tree

Crown/Canopy - The main foliage bearing section of the tree

Crown lifting - The removal of limbs and small branches to a specified height above ground level

Crown thinning - The removal of a proportion of secondary branch growth throughout the crown to produce an even density of foliage around a well-balanced branch structure

Crown reduction/shaping - A specified reduction in crown size whilst preserving, as far as possible, the natural tree shape

DAB (Diameter Above Buttress) - Trunk diameter measured above the root buttress

Defect - In relation to tree hazards, any feature of a tree which detracts from the uniform distribution of mechanical stress, or which makes the tree mechanically unsuited to its environment

Dieback - The death of parts of a woody plant, starting at shoot-tips or root-tips

Disease - A malfunction in or destruction of tissues within a living organism, usually excluding mechanical damage; in trees, usually caused by pathogenic micro-organisms

Dominance - In trees, the tendency for a leading shoot to grow faster or more vigorously than the lateral shoots; also the tendency of a tree to maintain a taller crown than its neighbours

Dormant bud - An axial bud which does not develop into a shoot until after the formation of two or more annual wood increments; many such buds persist through the life of a tree and develop only if stimulated to do so

Dysfunction - In woody tissues, the loss of physiological function, especially water conduction, in sapwood

DBH (Diameter at Breast Height) - Stem diameter measured at a height of 1.4 metres or the nearest measurable point. Where measurement at a height of 1.4 metres is not possible, another height may be specified

Deadwood - Branch or stem wood bearing no live tissues. Retention of deadwood provides valuable habitat for a wide range of species and seldom represents a threat to the health of the tree. Removal of deadwood can result in the ingress of decay to otherwise sound tissues and climbing operations to access deadwood can cause significant damage to a tree. Removal of deadwood is generally recommended only where it represents an unacceptable level of hazard

Epicormic shoot - A shoot having developed from a dormant or adventitious bud and not having developed from a first year shoot

Flush-cut - A pruning cut which removes part of the branch bark ridge and or branch-collar

Girdling root - A root which circles and constricts the stem or roots possibly causing death of phloem and/or cambial tissue

Habit - The overall growth characteristics, shape of the tree and branch structure

Hazard beam - An upwardly curved part of a tree in which strong internal stresses may occur without being reduced by adaptive growth; prone to longitudinal splitting

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

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Heartwood/false-heartwood - The dead central wood that has become dysfunctional as part of the aging processes and being distinct from the sapwood

Heave - A term mainly applicable to a shrinkable clay soil which expands due to re-wetting after the felling of a tree which was previously extracting moisture from the deeper layers; also the lifting of pavements and other structures by root diameter expansion; also the lifting of one side of a wind-rocked root-plate

Included bark (ingrown bark) - Bark of adjacent parts of a tree (usually forks, acutely joined branches or basal flutes) which is in face-to-face contact

Lever arm - A mechanical term denoting the length of the lever represented by a structure that is free to move at one end, such as a tree or an individual branch

Lignin - The hard, cement-like constituent of wood cells; deposition of lignin within the matrix of cellulose microfibrils in the cell wall is termed Lignification

Lions tailing - A term applied to a branch of a tree that has few if any side-branches except at its end, and is thus liable to snap due to end- loading

Loading - A mechanical term describing the force acting on a structure from a particular source; e.g. the weight of the structure itself or wind pressure

Mycelium - The body of a fungus, consisting of branched filaments (hyphae)

Occlusion - The process whereby a wound is progressively closed by the formation of new wood and bark around it

Pathogen - A micro-organism which causes disease in another organism

Photosynthesis - The process whereby plants use light energy to split hydrogen from water molecules, and combine it with carbon dioxide to form the molecular building blocks for synthesizing carbohydrates and other biochemical products

Probability - A statistical measure of the likelihood that a particular event might occur

Pruning - The removal or cutting back of twigs or branches, sometimes applied to twigs or small branches only, but often used to describe most activities involving the cutting of trees or shrubs

Radial - In the plane or direction of the radius of a circular object such as a tree stem

Reactive Growth/Reaction Wood - Production of woody tissue in response to altered mechanical loading; often in response to internal defect or decay and associated strength loss (cf. adaptive growth)

Ring-barking - The removal of a ring of bark and phloem around the circumference of a stem or branch, normally resulting in an inability to transport photosynthetic assimilates below the area of damage. Almost inevitably results in the eventual death of the affected stem or branch above the damage

Root-collar - The transitional area between the stem/s and roots

Sapwood - Living xylem tissues

Soft-rot - A kind of wood decay in which a fungus degrades cellulose within the cell walls, without any general degradation of the wall as a whole

Stem/s - Principle above-ground structural component(s) of a tree that supports its branches

Stress - In plant physiology, a condition under which one or more physiological functions are not operating within their optimum range, for example due to lack of water, inadequate nutrition or extremes of temperature

SRZ (Structural Root Zone) - The area around the base of the tree required for the trees stability in the ground

Subsidence - In relation to soil or structures resting in or on soil, a sinking due to shrinkage when certain types of clay soil dry out, sometimes due to extraction of moisture by tree roots

Taper - In stems and branches, the degree of change in girth along a given length

Targets - In tree risk assessment (with slight misuse of normal meaning) persons or property or other things of value which might be harmed by mechanical failure of the tree or by objects falling from it

Topping - In arboriculture, the removal of the crown of a tree, or of a major proportion of it

Transpiration - The evaporation of moisture from the surface of a plant, especially via the stomata of leaves; it exerts a suction which draws water up from the roots and through the intervening xylem cells

TPZ (Tree Protection Zone) - 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

Understory - This layer consists of younger individuals of the dominant trees, together with smaller trees and shrubs which are adapted to grow under lower light conditions

Veteran tree - Tree that, by recognised criteria, shows features of biological, cultural or aesthetic value that are characteristic of, but not exclusive to, individuals surviving beyond the typical age range for the species concerned. These characteristics might typically include a large girth, signs of crown retrenchment and hollowing of the stem

Vigour - The expression of carbohydrate expenditure to growth (in trees)

White-rot - A range of kinds of wood decay in which lignin, usually together with cellulose and other wood constituents, is degraded

Wind exposure - The degree to which a tree or other object is exposed to wind, both in terms of duration and velocity

Wind pressure - The force exerted by a wind on a particular object

Windthrow - The blowing over of a tree at its roots

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

Appendix C – Bankstown Area - Arboricultural Report – Design Impacts

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Arboricultural Impact Assessment Report

Site location:
South West Metro
Bankstown Station
Bankstown NSW

Prepared for:
John Holland Laing O'Rourke

Prepared by:
Bryce Claassens
Urban Arbor Pty Ltd
Date: 12 April 2023
Ref: 230412-SWMBS-AIA
Rev: E

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1. INTRODUCTION

1.1 Urban Arbor have been instructed by John Holland Laing O'Rourke to provide an Arboricultural Impact Assessment Report for trees located within the site and adjoining sites in relation to a proposed development.

1.2 Below is a list of all documents and information provided to Urban Arbor to assist in preparing this report.

A) Bankstown Station Civil Engineering General Arrangement Tree Survey, Metron T2M, SMCSWSWM-MTM-WBK-CE-SKG-PKG-000000, Including Pages 1-9, Rev A, 30 June 2021 (Appendix 1).
B) Landscape Design Package No. 521, Metron T2M, 18 December 2020, Stage 2, Including Page 1 - 49.
C) Landscape Design Package No. 521, Metron T2M, 18 December 2020, Stage 3 – Early Works, Including Page 1 - 25.
D) Landscape Design Package No. 521, AGJV, 7 October 2022, Ref: SMCSWSSJ- JHL- WBK- PK- DWG- 521000, Critical Design Review - Stage 3.
E) Detail Survey, Cardno, Including Sheet 1-28, 16 April 2020.

1.3 The trees were inspected on 22 - 24 January 2020. Access was available to the subject site and the adjoining public areas only. All tree data contained in this report was collected during these site inspections.

2. SCOPE OF THE REPORT

2.1 This report has been undertaken to meet the following objectives.

2.1.1 Conduct a visual assessment of all significant trees located within 10 metres of development works from ground level. For the purpose of this report, a significant tree is a tree with a height equal to or greater than 5 metres.

2.1.2 Determine the trees estimated contribution years and remaining, useful life expectancy and award the trees a retention value.

2.1.3 Provide an assessment of the potential impact the proposed development is likely to cause to the condition of the subject trees in accordance with AS4970 Protection of trees on development sites (2009).

2.1.4 Specify tree protection measures for trees to be retained in accordance with AS4970-2009.

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3. LIMITATIONS

3.1 The observations and recommendations are based on the site inspections identified in the introduction (section 1) and the access available at the time of inspection. Findings of this report are based on the observations and site conditions at the time inspection.

3.2 All of the observations were carried out from ground level and none of the surrounding surfaces were lifted or removed during the inspection. No tests were carried out to the subject trees or surrounding area during the inspection.

3.3 Root decay can sometimes be present with no visual indication above ground. It is also impossible to know the extent of any root damage caused by mechanical damage such as underground root cutting during the installation of services without undertaking detailed root investigation. Any form of tree failure due to these activities is beyond the scope of this assessment.

3.4 The report reflects the subject tree(s) as found on the day of inspection. Any changes to the growing environment of the subject tree, or tree management works beyond those recommended in this report may alter the findings of the report. There is no warranty, expressed or implied, that problems or deficiencies relating to the subject tree, or subject site may not arise in the future.

3.5 Tree identification is based on accessible visual characteristics at the time of inspection. As key identifying features are not always available the accuracy of identification is not guaranteed. Where tree species is unknown, it is indicated with an *spp*.

3.6 All diagrams, plans and photographs included in this report are visual aids only, and are not to scale unless otherwise indicated.

3.7 Urban Arbor neither guarantees, nor is it responsible for, the accuracy of information provided by others that is contained within this report.

3.8 While an assessment of the subject trees estimated useful life expectancy is included in this report, no specific tree risk assessment has been undertaken for any of trees at the site.

3.9 The ultimate safety of any tree cannot be categorically guaranteed. Even trees apparently free of defects can collapse or partially collapse in extreme weather conditions. Trees are dynamic, biological entities subject to changes in their environment, the presence of pathogens and the effects of ageing. These factors reinforce the need for regular inspections. It is generally accepted that hazards can only be identified from distinct defects or from other failure-prone characteristics of a tree or its locality.

3.10 Alteration of this report invalidates the entire report.

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4. METHODOLOGY

4.1 The following information was collected during the assessment of the subject tree(s).

4.1.1 Tree common name

4.1.2 Tree botanical name

4.1.3 Tree age class

4.1.4 DBH (Trunk/Stem diameter at breast height/1.4m above ground level) - millimetres.

4.1.5 Estimated height - metres

4.1.6 Estimated crown spread (diameter of crown) - metres

4.1.7 Health

4.1.8 Structural condition

4.1.9 Amenity value

4.1.10 Estimated remaining contribution years (SULE)[1]

4.1.11 Retention value (Tree AZ)[2]

4.1.12 Notes/comments

4.2 An assessment of the trees condition was made using the visual tree assessment (VTA) model (Mattheck & Breloer, 1994).[3]

4.3 Tree diameter was measured using a DBH tape or in some cases estimated. Tree height and tree canopy spread was measured with a clinometer or in some cases estimated. All other measurements were estimations unless otherwise stated. The other tools used during the assessment were a nylon mallet, compass, camera and a steel probe.

4.4 All information was imported into our computerised geographical information system (GIS) PT-mapper pro. This software was used to measure/calculate all encroachment estimates included in this report.

4.5 All DBH measurements, tree protection zones, and structural root zones were calculated in accordance with methods set out in AS4970 Protection of trees on development sites (2009) [4] and in some cases estimated. See appendices for information.

4.6 Details of how the observations in this report have been assessed are listed in the appendices.

[1] Barrell Tree Consultancy, *SULE: Its use and status into the New Millennium*, TreeAZ/03/2001, http://www.treeaz.com/.

[2] Barrell Tree Consultancy, *Tree AZ version 10.04-ANZ*, http://www.treeaz.com/.

[3] Mattheck, C. & Breloer, H., *The body language of trees - A handbook for failure analysis*, The Stationary Office, London, England (2015).

[4] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009).

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5. SITE LOCATION AND BRIEF DESCRIPTION

5.1 The site is located in the suburb of Bankstown, New South Wales, which is located in the Canterbury Bankstown Local Government Area (LGA). Therefore, all trees at the site are subject to protection under the Bankstown Local Environmental Plan (LEP) 2015[5] and Development Control Plan (DCP) 2015.[6] The site has been identified as containing two heritage items (I3 and I4) in the LEP heritage maps.[7] None of the site is identified as 'biodiversity' in the Bankstown LEP biodiversity maps.[8]

6. GENERAL INFORMATION IN RELATION TO PROTECTING TREES ON DEVELOPMENT SITES

6.1 **Tree protection zone (TPZ):** The TPZ is the principle means of protecting trees on development sites and is an area required to maintain the viability of trees during development. It is commonly observed that tree roots will extend significantly further than the indicative TPZ, however the TPZ is an area identified in AS4970-2009 to be the area where root loss or disturbance will generally impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The TPZ also incorporates the SRZ (see below for more information about the SRZ). The TPZ is calculated by multiplying the DBH by twelve, with the exception of palms, other monocots, cycads and tree ferns, the TPZ of which have been calculated at one metre outside the crown projection. Additional information about the TPZ is included in appendix 3.

6.2 **Structural Root Zone (SRZ):** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always needs to be maintained to preserve a viable tree. The SRZ is calculated using the following formula; $(DAB \times 50)^{0.42} \times 0.64$. There are several factors that can vary the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally, work within the SRZ should be avoided. Soil level changes should also generally be avoided inside the SRZ of trees to be retained. Palms, other monocots, cycads and tree ferns do not have an SRZ. See the appendices for more information about the SRZ.

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5 *Bankstown Local Environmental Plan 2015*, https://www.legislation.nsw.gov.au/#/view/EPI/2015/140/full, accessed 8 April 2020.

6 *Bankstown Development Control Plan 2015,* https://www.cbcity.nsw.gov.au/resident/trees-garden-home/pruning-removing-trees/tree-preservation-order, accessed 8 April 2020.

7 *Bankstown LEP Heritage map - Sheet HER_005,* https://www.legislation.nsw.gov.au/maps/7d76065c-d5cf-4258-96f3-fe071ed66ac7/0350_COM_HER_005_020_20150211.pdf, accessed 8 April 2020.

8 *Bankstown LEP Biodiversity map - Sheet BIO_005, https://www.legislation.nsw.gov.au/maps/245822a4-0e0a-4ffa-9b24-ebff93e6b646/0350_COM_BIO_005_020_20150211.pdf*, accessed 8 April 2020.

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6.3 **Minor encroachment into TPZ:** Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.

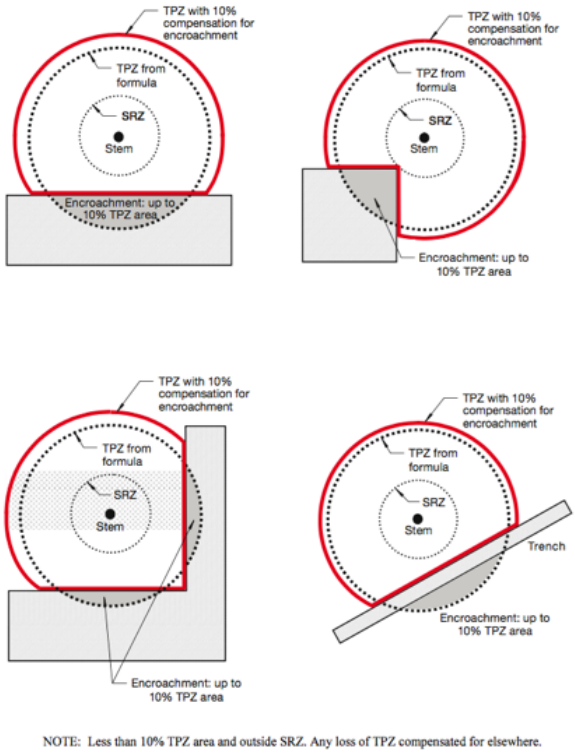

Image 1: Example minor TPZ encroachment from AS4970-2009.

6.4 **Major encroachment into TPZ:** Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted. Root investigations may be required to identify roots that will be impacted during major TPZ encroachment (see appendix 3 for more information in relation to root investigations).

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7. OBSERVATIONS

7.1 **Tree information:** Details of each individual tree assessed, including the observations taken during the site inspection, can be found in the tree inspection schedule in appendix 1, where the indicative tree protection zone (TPZ) and Structural Root Zone (SRZ) has been calculated for each of the subject trees. The TPZ and SRZ should be measured in radius from the centre of the trunk. Each of the subject trees have been awarded a retention value based on the observations using the Tree AZ method. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The Tree AZ categories sheet (Barrell Tree Consultancy) has been included in appendix 2 to assist with understanding the retention values. The retention value that has been allocated to the subject trees in this report is not definitive and should only be used as a guideline.

7.2 **Site plans:** The location of all trees included in this report were surveyed by Cardno (registered surveyors). The information for all trees included in this report has been collected by Urban Arbor. The tree location and tree information has been overlaid onto the proposed site plans by Metron T2M. Urban Arbor has used the software PT-Mapper-Pro to calculate all TPZ encroachment areas and percentages discussed in this report. Please refer to Appendix 1 for the Bankstown Station Civil Engineering General Arrangement Tree Survey, Metron T2M, Including Pages 1-9, Rev A, 30 June 2021, for detailed site plans. The site plans include tree location/tree trunk, tree identification number, canopy spread, tree protection zone (TPZ) and Structural Root Zone (SRZ). An example of the tree information identified within the site plans has been included in Image 2 below:

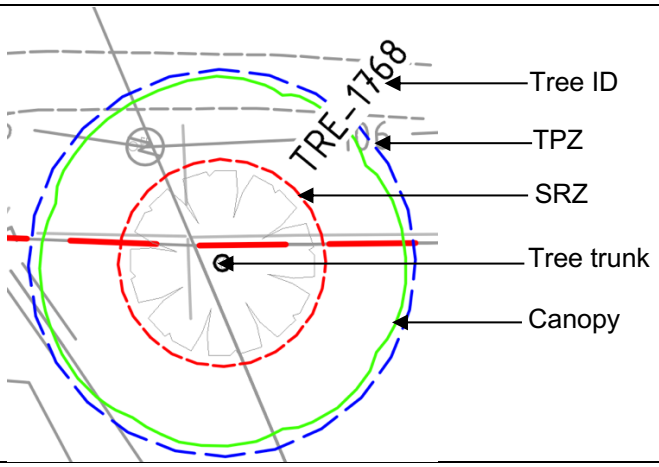

Image 2: Example of tree information identified within site plans.

8. ASSESSMENT OF CONSTRUCTION IMPACTS

8.1 Table 1: In the table below, the impact of the proposed development has been assessed for all trees included in the report. The assessed TPZ encroachments include proposed structures and hard landscaping only. All soft landscaping should be completed in accordance with section 11.10.

Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1433	*Eucalyptus microcorys*	A1	5.0	79.8	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1434	*Eucalyptus microcorys*	A1	5.2	83.6	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1435	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1436	*Eucalyptus microcorys*	A1	2.8	23.9	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1437	*Eucalyptus paniculata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1438	*Melaleuca linariifolia*	Z1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1439	*Eucalyptus fibrosa*	A1	7.1	159.6	3.1	None	No proposed TPZ encroachment.	Retain and protect
1440	*Melaleuca linariifolia*	Z1	2.0	12.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
1441	*Eucalyptus fibrosa*	A1	3.2	32.8	2.3	None	No proposed TPZ encroachment.	Retain and protect
1442	*Melaleuca linariifolia*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1443	*Melaleuca linariifolia*	Z1	2.2	15.7	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1444	*Eucalyptus paniculata*	A1	6.8	147.0	3.0	None	No proposed TPZ encroachment.	Retain and protect
1445	*Eucalyptus fibrosa*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1446	*Eucalyptus microcorys*	A1	4.1	52.3	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1447	*Eucalyptus fibrosa*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1448	*Eucalyptus microcorys*	Z5	2.9	26.1	2.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1449	*Eucalyptus microcorys*	A1	5.3	87.6	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1450	*Eucalyptus paniculata*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1451	*Eucalyptus fibrosa*	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
1452	*Eucalyptus fibrosa*	A1	5.9	108.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
1453	*Melaleuca linariifolia*	Z1	2.5	19.7	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1454	*Melaleuca linariifolia*	Z1	5.4	91.6	2.4	None	No proposed TPZ encroachment.	Retain and protect
1455	*Melaleuca linariifolia*	Z1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1456	*Eucalyptus fibrosa*	A1	8.6	230.9	3.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1457	*Melaleuca linariifolia*	Z1	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1458	*Acacia longifolia*	Z1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
1459	*Acacia longifolia*	Z4	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1460	*Eucalyptus microcorys*	A1	6.2	122.3	2.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1461	*Acacia longifolia*	Z4	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
1462	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1463	*Eucalyptus microcorys*	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1464	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1465	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1466	*Eucalyptus microcorys*	A1	6.0	113.1	2.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1467	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1468	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1469	*Eucalyptus microcorys*	A1	6.7	141.9	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1470	*Acacia longifolia*	Z4	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
1471	*Eucalyptus microcorys*	A1	8.4	221.7	3.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1472	*Eucalyptus microcorys*	Z1	2.0	12.6	1.8	None	No proposed TPZ encroachment.	Retain and protect
1473	*Eucalyptus microcorys*	A1	8.3	215.4	3.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1474	*Pittosporum undulatum*	A1	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1475	*Eucalyptus microcorys*	A1	9.6	289.5	3.2	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1476	*Eucalyptus microcorys*	A1	9.0	254.5	3.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1477	*Eucalyptus microcorys*	A1	5.3	87.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1478	*Eucalyptus microcorys*	A1	10.8	366.4	3.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1479	*Eucalyptus microcorys*	A1	4.2	55.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1480	*Eucalyptus microcorys*	A1	4.8	72.4	2.5	None	No proposed TPZ encroachment.	Retain and protect
1481	*Eucalyptus microcorys*	A1	9.4	275.2	3.2	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1482	*Eucalyptus microcorys*	A1	5.4	91.6	2.6	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1483	*Eucalyptus microcorys*	A1	8.0	203.1	2.9	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1484	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1485	*Eucalyptus microcorys*	A1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
1486	*Eucalyptus microcorys*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1487	*Eucalyptus microcorys*	A1	8.2	209.2	2.9	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1488	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1489	*Eucalyptus microcorys*	A1	5.0	79.8	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1490	*Eucalyptus microcorys*	A1	7.9	197.1	3.2	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1491	*Eucalyptus saligna*	Z9	5.4	90.2	3.4	Minor	The proposed CSR will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1492	*Eucalyptus microcorys*	A1	8.0	203.1	3.1	Minor	The tree is located outside the site boundary. The proposed CSR will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree. Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1493	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	Minor	Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1494	*Eucalyptus microcorys*	A1	3.8	46.3	2.3	Minor	Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1495	*Eucalyptus saligna*	A1	4.8	73.2	2.8	Minor	Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1496	*Eucalyptus microcorys*	Z1	2.0	12.6	1.6	Minor	Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1497	*Eucalyptus microcorys*	A1	3.6	40.0	2.5	Minor	Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1498	*Eucalyptus moluccana*	Z1	2.0	12.6	1.5	Minor	Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1499	*Eucalyptus moluccana*	A1	2.5	20.0	1.9	Minor	Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1500	*Eucalyptus microcorys*	Z1	2.0	12.6	1.7	Minor	Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1501	*Eucalyptus microcorys*	A1	7.8	191.1	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1502	*Eucalyptus punctata*	A1	7.0	152.2	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1503	*Eucalyptus microcorys*	A1	3.1	30.6	2.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1504	*Eucalyptus punctata*	A1	3.6	40.3	2.1	None	No proposed TPZ encroachment.	Retain and protect
1505	*Eucalyptus punctata*	A1	4.0	49.3	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1506	*Eucalyptus punctata*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1507	*Eucalyptus microcorys*	Z1	2.0	13.1	1.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1508	*Acacia decurrens*	Z1	2.0	12.6	1.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1509	*Eucalyptus microcorys*	A1	3.2	32.8	2.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1510	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1511	*Eucalyptus microcorys*	A1	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
1512	*Eucalyptus microcorys*	A1	6.6	136.8	2.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1513	*Cinnamomum camphora*	Z4	7.2	162.9	2.8	Minor	The proposed CSR will encroach into the TPZ by 5% (8.7m²) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1514	*Cinnamomum camphora*	Z4	6.6	136.8	2.6	Minor	The proposed CSR will encroach into the TPZ by 4% (4.9m²) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1515	*Eucalyptus microcorys*	A1	6.6	136.8	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1516	*Cinnamomum camphora*	Z4	6.0	113.1	2.6	Minor	The proposed CSR will encroach into the TPZ by 6% (6.7m²) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1517	*Eucalyptus microcorys*	A1	5.8	104.2	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1518	*Casuarina glauca*	A1	3.8	46.3	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1519	*Casuarina glauca*	Z1	2.0	12.6	1.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1520	*Casuarina glauca*	Z1	2.0	12.6	1.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1521	*Lophostemon confertus*	A1	3.6	40.7	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1522	*Eucalyptus microcorys*	A1	5.3	87.6	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1523	*Cinnamomum camphora*	Z3	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1524	*Cinnamomum camphora*	Z3	7.8	191.1	3.0	None	No proposed TPZ encroachment.	Retain and protect
1525	*Cinnamomum camphora*	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1526	*Cinnamomum camphora*	Z3	3.8	46.4	2.3	None	No proposed TPZ encroachment.	Retain and protect
1527	*Cinnamomum camphora*	Z3	6.0	113.1	2.5	Minor	The proposed CSR will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1528	*Cinnamomum camphora*	Z3	5.7	100.7	2.6	Minor	The proposed CSR will encroach into the TPZ by less than 5%. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1529	*Cinnamomum camphora*	Z3	2.6	21.9	2.1	None	No proposed TPZ encroachment.	Retain and protect
1530	*Eucalyptus tereticornis*	A2	7.8	191.1	3.2	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1531	*Melaleuca quinquenervia*	A1	12.0	452.4	3.3	Minor	The proposed CSR will encroach into the TPZ by 8% (36.1m^2) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1532	*Eucalyptus microcorys*	A1	5.4	91.6	2.5	Major	The proposed drainage and service building will encroach into the TPZ by 40% (36.3m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1533	*Eucalyptus microcorys*	A1	5.4	91.6	2.5	Footprint	The trunk of the tree is located within the footprint of the proposed CSR.	Remove
1534	*Eucalyptus microcorys*	A1	8.4	221.7	2.9	Footprint	The trunk of the tree is located within the footprint of the proposed CSR.	Remove
1535	*Eucalyptus microcorys*	A1	3.8	46.3	2.3	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1536	*Melaleuca styphelioides*	A1	4.2	55.4	2.3	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1555	*Melaleuca styphelioides*	Z10	2.4	18.1	1.8	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1537	*Melaleuca styphelioides*	A1	4.1	52.3	2.4	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1538	*Eucalyptus microcorys*	A1	6.6	136.8	2.8	Major	The proposed service building will encroach into the TPZ by 42% (57.2m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1539	*Melaleuca styphelioides*	A1	4.2	55.4	2.3	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1540	*Eucalyptus microcorys*	A1	9.1	258.0	3.6	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1541	*Angophora costata*	Z4	6.6	136.8	2.7	Major	The proposed service building will encroach into the TPZ by 38% (52.4m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1542	*Eucalyptus saligna*	A1	6.8	147.0	2.9	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1543	*Corymbia maculata*	A1	3.4	35.5	2.2	Footprint	The trunk of the tree is located within the footprint of the proposed CSR.	Remove

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1544	*Eucalyptus microcorys*	A1	4.2	55.4	2.5	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1545	*Eucalyptus microcorys*	A1	5.3	87.6	2.5	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1546	*Eucalyptus microcorys*	A1	6.8	147.0	2.8	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1547	*Corymbia maculata*	A1	4.3	58.6	2.3	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1548	*Melia azedarach*	Z1	2.3	16.9	2.1	Footprint	The trunk of the tree is located within the footprint of the proposed service building.	Remove
1549	*Eucalyptus microcorys*	A1	6.5	132.9	2.9	Footprint	The trunk of the tree is located within the footprint of the proposed drainage.	Remove
1550	*Melaleuca styphelioides*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1551	*Melaleuca styphelioides*	A1	3.6	40.7	2.1	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1552	*Corymbia maculata*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1553	*Eucalyptus microcorys*	A1	5.8	104.2	2.7	Footprint	The trunk of the tree is located within the footprint of the proposed vehicle access gate/fencing.	Remove
1554	*Eucalyptus microcorys*	A1	6.7	141.9	2.9	Major	The proposed vehicle access gate/fencing and metro station platform will encroach into the TPZ by 51% (72.4m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1556	*Corymbia maculata*	A1	4.1	52.3	2.3	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1557	*Corymbia maculata*	A1	7.8	191.1	2.9	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1558	*Corymbia maculata*	A1	3.5	38.0	2.1	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1559	*Corymbia maculata*	A1	5.5	95.7	2.6	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1560	*Corymbia maculata*	A1	4.6	65.3	2.4	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1561	*Corymbia maculata*	A1	5.3	87.6	2.6	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1562	*Corymbia maculata*	A1	4.8	72.4	2.4	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1563	*Corymbia maculata*	A1	3.7	43.5	2.2	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1564	*Corymbia maculata*	A1	5.8	104.2	2.6	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1565	*Corymbia maculata*	A1	5.8	104.2	2.6	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1566	*Corymbia maculata*	A1	2.8	23.9	1.9	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1567	*Corymbia maculata*	A1	3.6	40.7	2.3	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1568	*Corymbia maculata*	A1	4.2	55.4	2.4	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove
1569	*Lophostemon confertus*	A1	6.6	136.8	2.7	Major	The proposed hard surface footpath will encroach into the TPZ by 28% (38.9m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. To reduce the impact to the tree, the proposed hard surface pathway must be constructed on or above existing grades and in accordance with section 9.2.1 of this report.	Retain and protect*
1570	*Platanus x hispanica*	A1	5.3	87.6	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1571	*Platanus x hispanica*	A1	3.0	28.3	2.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1572	*Platanus x hispanica*	Z10	2.3	16.7	2.0	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1573	*Platanus x hispanica*	A1	4.2	55.4	2.4	Major	The proposed hard surface footpath will encroach into the TPZ by 7% ($3.8m^2$) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1574	*Magnolia grandiflora*	A1	3.0	28.3	1.9	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1575	*Ulmus glabra*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1576	*Ulmus glabra*	A1	2.5	20.0	1.8	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1577	*Ulmus glabra*	A1	2.4	18.1	1.8	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1578	*Lagerstroemia indica*	Z1	2.0	12.6	1.6	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1579	*Lagerstroemia indica*	Z1	2.0	12.6	1.6	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1580	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1581	*Lagerstroemia indica*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1582	*Lagerstroemia indica*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1583	*Lagerstroemia indica*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1584	*Magnolia grandiflora*	Z1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
1585	*Magnolia grandiflora*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1586	*Magnolia grandiflora*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1587	*Magnolia grandiflora*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1588	*Magnolia grandiflora*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1589	*Corymbia maculata*	A1	3.6	40.7	2.2	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1590	*Corymbia maculata*	A1	3.6	40.7	2.1	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1591	*Corymbia maculata*	A1	2.8	23.9	1.9	Major	The proposed hard surfacing and retaining wall will encroach into the TPZ by 25% (5.9m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1592	*Corymbia maculata*	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment. The existing building to the South of the tree is to be retained.	Retain and protect
1593	*Corymbia maculata*	A1	2.5	20.0	1.9	None	No proposed TPZ encroachment. The existing building to the South of the tree is to be retained.	Retain and protect
1594	*Corymbia maculata*	A1	3.8	46.3	2.2	None	No proposed TPZ encroachment. The existing building to the South of the tree is to be retained.	Retain and protect
1595	*Corymbia maculata*	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect
1596	*Corymbia maculata*	A1	2.5	20.0	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1597	*Corymbia maculata*	A1	3.7	43.5	2.2	None	No proposed TPZ encroachment.	Retain and protect
1598	*Corymbia maculata*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1599	*Corymbia maculata*	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1600	*Corymbia maculata*	A1	4.1	52.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
1601	*Corymbia maculata*	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
1602	*Corymbia maculata*	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1603	*Corymbia maculata*	A1	2.6	21.9	1.8	None	No proposed TPZ encroachment.	Retain and protect
1604	*Corymbia maculata*	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1605	*Corymbia maculata*	A1	3.0	28.3	2.0	None	No proposed TPZ encroachment.	Retain and protect
1606	*Corymbia maculata*	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1607	*Corymbia maculata*	A1	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
1608	*Corymbia maculata*	A1	3.1	30.6	2.1	None	No proposed TPZ encroachment.	Retain and protect
1609	*Corymbia maculata*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1610	*Corymbia maculata*	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
1611	*Corymbia maculata*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1612	*Corymbia maculata*	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1613	*Corymbia maculata*	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
1614	*Corymbia maculata*	A1	4.1	52.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
1615	*Ulmus glabra*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1616	*Ulmus glabra*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1617	*Lagerstroemia indica*	A1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1618	*Lagerstroemia indica*	Z1	2.2	14.7	1.7	None	No proposed TPZ encroachment.	Retain and protect
1619	*Eriobotrya japonica*	Z3	2.0	12.0	1.7	None	No proposed TPZ encroachment.	Retain and protect
1620	*Pyrus ussuriensis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1621	*Pyrus ussuriensis*	A1	2.8	23.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1622	*Pyrus ussuriensis*	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1623	*Pyrus ussuriensis*	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
1624	*Pyrus ussuriensis*	A1	2.2	14.7	1.8	None	No proposed TPZ encroachment.	Retain and protect
1625	*Pyrus ussuriensis*	A1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1626	*Platanus x hispanica*	A1	4.0	49.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
1627	*Strelitzia nicolai*	A1	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
1628	*Melaleuca quinquenervia*	A1	4.0	49.3	2.2	None	No proposed TPZ encroachment.	Retain and protect
1629	*Melaleuca quinquenervia*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1630	*Melaleuca quinquenervia*	Z4	5.9	107.7	2.7	None	No proposed TPZ encroachment.	Retain and protect
1631	*Melaleuca quinquenervia*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect
1632	*Melaleuca quinquenervia*	A1	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1633	*Melaleuca quinquenervia*	A1	2.3	16.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1634	*Melaleuca quinquenervia*	A1	3.9	47.0	2.4	None	No proposed TPZ encroachment.	Retain and protect
1635	*Melaleuca quinquenervia*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1636	*Melaleuca quinquenervia*	A1	5.1	83.0	2.7	None	No proposed TPZ encroachment.	Retain and protect
1637	*Melaleuca quinquenervia*	A1	3.0	28.3	1.9	None	No proposed TPZ encroachment.	Retain and protect
1638	*Pittosporum undulatum*	Z4	3.5	38.0	2.1	Major	The proposed CSR will encroach into the TPZ by 14% (5.4m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1639	*Pyrus ussuriensis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1640	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1641	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1642	*Pyrus ussuriensis*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1643	*Platanus x hispanica*	A1	3.6	40.7	2.2	None	No proposed TPZ encroachment.	Retain and protect
1644	*Platanus x hispanica*	A1	3.5	38.0	2.2	None	No proposed TPZ encroachment.	Retain and protect
1645	*Pyrus ussuriensis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1646	*Pyrus ussuriensis*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1647	*Platanus x hispanica*	A1	3.1	30.6	2.1	Major	The proposed hard surface footpath will encroach into the TPZ by 33% (10m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. To reduce the impact to the tree, the proposed hard surface pathway must be constructed on or above existing grades and in accordance with section 9.2 of this report.	Retain and protect*

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1648	*Pyrus ussuriensis*	Z1	2.0	12.6	1.6	None	No proposed TPZ encroachment.	Retain and protect
1649	*Platanus x hispanica*	A1	3.6	40.7	2.1	None	No proposed TPZ encroachment.	Retain and protect
1650	*Melaleuca quinquenervia*	A1	4.6	65.3	2.3	Major	The proposed CSR will encroach into the TPZ by 7% (4.7㎡) but not into the SRZ. The proposed retaining wall will encroach into the TPZ by an additional 28% (18.6㎡) and into the SRZ. The total TPZ encroachment will be 35%. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1651	*Melaleuca quinquenervia*	A1	4.1	52.3	2.4	Major	The proposed retaining wall will encroach into the TPZ by 31% (16㎡) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1652	*Melaleuca quinquenervia*	A1	2.5	20.0	1.8	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1653	*Melaleuca quinquenervia*	A1	3.5	38.0	2.1	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1654	*Melaleuca quinquenervia*	A1	3.5	38.0	2.1	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1655	*Melaleuca quinquenervia*	A1	5.5	95.7	2.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1656	*Pyrus ussuriensis*	Z1	2.0	12.6	1.5	Minor	The proposed hard surfacing will encroach into the TPZ by 3% (0.4㎡) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1657	*Pyrus ussuriensis*	Z1	2.0	12.6	1.5	Major	The proposed hard surfacing adjacent to the tree is to be removed and replaced with new hard surfacing. The proposed hard surfacing could potentially impact the condition and stability of the tree. To reduce the impact to the tree, the proposed hard surfacing must be constructed on or above existing grades and in accordance with section 9.2 of this report.	Retain and protect*
1658	*Platanus x hispanica*	A1	3.7	43.5	2.4	Major	The proposed hard surfacing adjacent to the tree is to be removed and replaced with new hard surfacing. The proposed hard surfacing could potentially impact the condition and stability of the tree. To reduce the impact to the tree, the proposed hard surfacing must be constructed on or above existing grades and in accordance with section 9.2 of this report.	Retain and protect*

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1659	*Celtis sinensis*	Z3	2.2	14.7	1.8	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1660	*Cinnamomum camphora*	Z3	2.4	18.1	1.7	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1661	*Cinnamomum camphora*	Z3	2.4	18.1	1.7	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1662	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1663	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1664	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1665	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1666	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1667	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1668	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove
1669	*Lagerstroemia indica*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located directly adjacent to the proposed hard surfacing.	Remove
1670	*Pyrus ussuriensis*	Z1	2.0	12.6	1.5	Footprint	The trunk of the tree is located within the footprint of the proposed hard surfacing.	Remove

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1671	*Platanus x hispanica*	A1	4.1	52.3	2.3	Major	The proposed hard surface footpath will encroach into the TPZ by 81% (42.3m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition of the tree. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1672	*Ficus macrocarpa var. hillii*	A1	11.6	425.7	3.4	Major	The proposed CSR, security fencing and metro platform will encroach into the TPZ by 10% (43.4m^2) but not into the SRZ. This is considered to be a minor TPZ encroachment as a single component of the development. The adjacent tree (tree 1673) is located between the trunk of the tree and the majority of the area where the CSR, security fencing and metro platform are proposed. Tree 1673 is likely to have restricted significant root growth from tree 1672 into this area. Therefore, the proposed CSR, security fencing and metro platform will not significantly impact the tree. The proposed decking will encroach into the TPZ by an additional 58% (249m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. However, the decking will be a light elevated structure constructed on concrete pad footings. Minimal excavations will be required for the concrete pads (max 100mm below existing grades), therefore, the majority of the trees root system can be retained below the proposed structure. Areas of existing hard surfacing within the TPZ are also to be removed and replaced with the decking discussed above. The increase in permeable areas within the TPZ could potentially improve the condition of the tree due to the increased availability of water, nutrients and air to the trees root system. To ensure the tree can be retained in a viable condition, the proposed decking must be constructed in accordance with section 9.2 of this report.	Retain and protect*
1673	*Ficus macrocarpa var. hillii*	A1	8.4	221.7	3.2	Major	The proposed CSR, security fencing and metro platform will encroach into the TPZ by 34% (76.4m^2) and into the SRZ. The proposed decking will encroach into the TPZ by an additional 21% (45.5m^2) and into the SRZ. The total TPZ encroachment will be 55%. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1674	*Cinnamomum camphora*	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1675	*Cinnamomum camphora*	Z3	3.6	40.7	2.0	None	No proposed TPZ encroachment.	Retain and protect
1676	*Lophostemon confertus*	A1	4.8	72.4	2.4	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1677	*Grevillea robusta*	Z5	2.9	26.1	1.9	None	No proposed TPZ encroachment.	Retain and protect
1678	*Celtis sinensis*	Z3	3.0	28.3	2.3	None	No proposed TPZ encroachment.	Retain and protect
1679	*Celtis sinensis*	Z3	5.4	91.6	2.4	Major	The proposed CSR and security fencing will encroach into the TPZ by 24% (22.4m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1680	*Lophostemon confertus*	A2	5.6	99.9	2.5	None	No proposed TPZ encroachment.	Retain and protect
1681	*Lophostemon confertus*	A1	5.9	108.6	2.6	None	No proposed TPZ encroachment.	Retain and protect
1682	*Lophostemon confertus*	A2	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1683	*Lophostemon confertus*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1684	*Lophostemon confertus*	A1	2.6	21.9	1.9	None	No proposed TPZ encroachment.	Retain and protect
1685	*Cinnamomum camphora*	Z3	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1686	*Grevillea robusta*	Z9	5.6	99.9	2.6	None	No proposed TPZ encroachment.	Retain and protect
1687	*Celtis sinensis*	Z3	2.4	18.1	1.8	Footprint	The trunk of the tree is located within the footprint of the proposed CSR.	Remove
1688	*Celtis sinensis*	Z3	3.6	40.7	2.1	Footprint	The trunk of the tree is located within the footprint of the proposed metro station platform.	Remove

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1689	*Melaleuca quinquenervia*	A1	9.6	289.5	3.1	Major	The proposed CSR, security fencing and metro platform will encroach into the TPZ by 41% (118.3m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1690	*Cinnamomum camphora*	Z5	4.2	56.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1691	*Celtis sinensis*	Z3	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
1692	*Celtis sinensis*	Z3	2.4	18.1	1.7	Footprint	The trunk of the tree is located within the footprint of the proposed CSR and security fence.	Remove
1693	*Celtis sinensis*	Z3	3.0	28.3	1.8	Major	The proposed CSR, security fencing and metro platform will encroach into the TPZ by 32% (9.3m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1694	*Pyrus spp*	Z1	4.9	75.5	2.5	None	No proposed TPZ encroachment.	Retain and protect
1695	*Lophostemon confertus*	A1	4.4	61.9	2.4	None	No proposed TPZ encroachment.	Retain and protect
1696	*Corymbia maculata*	Z1	2.5	20.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
1697	*Unknown spp*	A1	14.4	651.4	3.6	Major	The proposed CSR, security fencing and metro platform will encroach into the TPZ by 20% (129.2m^2) but not into the SRZ. The existing culvert is restricting any significant root growth to the area where the works are proposed. Therefore, the proposed CSR, security fencing and metro platform will not significantly impact the tree.	Retain and protect
1698	*Pittosporum undulatum*	Z4	3.0	28.3	1.8	None	No proposed TPZ encroachment.	Retain and protect
1699	*Lophostemon confertus*	A1	5.4	91.6	2.5	None	No proposed TPZ encroachment.	Retain and protect
1700	*Melaleuca linariifolia*	A2	4.0	49.3	2.2	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1701	*Lophostemon confertus*	A1	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
1702	*Cinnamomum camphora*	Z3	14.4	651.4	3.6	Major	The proposed CSR, security fencing and metro platform will encroach into the TPZ by 44% (286.14m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1703	*Phoenix canariensis*	Z3	3.0	28.3	NA	Major	The proposed CSR, security fencing and metro platform will encroach into the TPZ by 28% (7.8m^2). This is considered to be a major TPZ encroachment. The tree is recommended for removal due to impacts from the proposed development.	Remove
1704	*Ligustrum lucidum*	Z3	4.2	55.4	2.1	None	No proposed TPZ encroachment.	Retain and protect
1705	*Lophostemon confertus*	A1	4.4	61.9	2.4	None	No proposed TPZ encroachment.	Retain and protect
1706	*Angophora costata*	A1	4.3	58.6	2.3	None	No proposed TPZ encroachment.	Retain and protect
1707	*Melaleuca quinquenervia*	A1	3.2	33.0	2.1	None	No proposed TPZ encroachment.	Retain and protect
1708	*Melaleuca quinquenervia*	A1	3.1	30.6	1.9	None	No proposed TPZ encroachment.	Retain and protect
1709	*Angophora floribunda*	A1	4.0	49.3	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1710	*Angophora floribunda*	A1	3.4	35.5	2.1	None	No proposed TPZ encroachment.	Retain and protect
1711	*Angophora costata*	A1	9.0	254.5	3.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1712	*Lophostemon confertus*	A1	3.8	46.3	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1713	*Angophora costata*	Z1	2.1	13.6	2.1	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1714	*Melaleuca linariifolia*	A1	7.2	162.9	2.8	None	No proposed TPZ encroachment.	Retain and protect
1715	*Lophostemon confertus*	A1	4.4	61.9	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1716	*Lophostemon confertus*	A1	5.3	87.6	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1717	*Angophora costata*	A1	4.3	58.6	2.3	Minor	The proposed pit and pipe will encroach into the TPZ by less than 10% and not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment. Canopy pruning will be required to allow for the construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1718	*Eucalyptus punctata*	A1	6.0	113.1	2.6	None	No proposed TPZ encroachment.	Retain and protect
1719	*Eucalyptus punctata*	Z5	12.5	493.1	3.6	Minor	Canopy pruning will be required to allow for construction activities and access within the corridor. The pruning can be completed in accordance with AS4373-2007 and is considered minor and acceptable. See section 9.3 for canopy pruning specifications.	Retain, protect and prune
1720	*Eucalyptus punctata*	A1	5.1	80.6	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1721	*Eucalyptus microcorys*	A1	5.3	87.6	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1722	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1723	*Eucalyptus microcorys*	A1	6.0	111.6	2.9	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1724	*Eucalyptus microcorys*	A1	4.8	72.4	2.4	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1725	*Eucalyptus microcorys*	A1	5.5	95.7	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1726	*Eucalyptus microcorys*	A1	5.2	83.7	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1727	*Eucalyptus microcorys*	A1	4.2	55.4	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1728	*Eucalyptus microcorys*	A1	6.6	136.8	2.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1729	*Eucalyptus microcorys*	A1	4.8	72.4	2.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1730	*Eucalyptus microcorys*	A1	6.9	148.6	3.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1731	*Lophostemon confertus*	Z1	2.0	13.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1732	*Eucalyptus spp*	Z10	3.1	30.6	2.0	None	No proposed TPZ encroachment.	Retain and protect
1733	*Eucalyptus spp*	A1	2.4	18.1	1.8	None	No proposed TPZ encroachment.	Retain and protect
1734	*Eucalyptus spp*	Z1	2.0	12.6	1.5	None	No proposed TPZ encroachment.	Retain and protect
1735	*Eucalyptus spp*	A1	2.3	16.3	1.7	None	No proposed TPZ encroachment.	Retain and protect
1736	*Eucalyptus spp*	Z10	2.9	26.1	2.0	None	No proposed TPZ encroachment.	Retain and protect
1737	*Eucalyptus spp*	Z5	4.7	70.1	2.5	None	No proposed TPZ encroachment.	Retain and protect
1738	*Eucalyptus spp*	Z5	2.5	20.4	2.0	None	No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1739	*Eucalyptus spp*	Z10	3.2	33.0	2.0	None	No proposed TPZ encroachment.	Retain and protect
1740	*Eucalyptus spp*	Z5	2.0	13.1	1.7	Major	The proposed CSR and security fencing will encroach into the TPZ by 36% (4.5m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1741	*Eucalyptus spp*	Z10	5.8	104.2	2.6	Major	The proposed CSR and security fencing will encroach into the TPZ by 40% (41.8m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1742	*Eucalyptus spp*	Z5	2.5	20.0	1.8	Major	The proposed CSR and security fencing will encroach into the TPZ by 24% (4.7m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1743	*Eucalyptus spp*	Z4	5.3	87.6	2.5	Major	The proposed CSR and security fencing will encroach into the TPZ by 35% (30.8m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1744	*Unknown spp*	Z4	4.2	55.4	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
G16	*Mixed spp*	Z1	2.2	14.7	1.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1745	*Cupressus sempervirens*	A1	6.0	113.1	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1746	*Unknown spp*	Z10	2.0	12.6	1.5	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1747	*Archontophoenix cunninghamiana*	Z1	2.0	12.6	NA	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1748	*Archontophoenix cunninghamiana*	Z1	2.0	12.6	NA	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1749	*Archontophoenix cunninghamiana*	Z1	2.0	12.6	NA	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1750	*Olea europaea*	Z1	2.0	12.6	1.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1751	*Banksia integrefolia*	A1	6.4	127.8	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1752	*Callistemon viminalis*	Z1	2.4	18.1	1.7	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1753	*Eucalyptus robusta*	A2	15.0	706.9	3.8	Major	The proposed CSR and security fence will encroach into the TPZ by 15% (105.1m^2) but not into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition of the tree. To reduce the impact to the tree, the proposed CSR and security fence must be constructed in accordance with section 9.2 of this report.	Retain and protect*
1754	*Eucalyptus robusta*	A2	10.0	311.7	3.1	Minor	The proposed CSR and security fence will encroach into the TPZ by 2% (6.9m^2) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1755	*Morus nigra*	Z3	4.8	72.4	2.3	Major	The proposed CSR and security fencing will encroach into the TPZ by 24% (17.1m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1756	*Eucalyptus robusta*	A2	10.3	334.6	3.2	Minor	The proposed CSR and security fence will encroach into the TPZ by 3% (10.6m^2) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1757	*Morus nigra*	Z3	3.6	40.7	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1758	*Cupressus spp*	A1	3.6	40.7	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1759	*Acacia spp*	Z1	2.0	12.6	1.7	None	No proposed TPZ encroachment.	Retain and protect
1760	*Pinus radiata*	Z3	7.2	162.9	2.8	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1761	*Eucalyptus robusta*	A2	7.7	185.3	3.0	None	No proposed TPZ encroachment.	Retain and protect
1762	*Phoenix canariensis*	A1	3.0	28.3	NA	None	No proposed TPZ encroachment.	Retain and protect
1763	*Eucalyptus robusta*	A2	7.9	197.1	3.0	None	No proposed TPZ encroachment.	Retain and protect
1764	*Acacia spp*	A1	2.0	12.6	1.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1765	*Eucalyptus robusta*	A2	9.1	261.3	3.2	Minor	The proposed CSR and security fence will encroach into the TPZ by 1% (3.3m^2) but not into the SRZ. This is considered to be a minor and acceptable TPZ encroachment and the proposed works will not significantly impact the condition of the tree.	Retain and protect
1766	*Erythrina x sykesii*	Z3	5.3	87.3	2.6	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1767	*Eucalyptus robusta*	A1	11.4	408.3	3.4	Major	The proposed CSR and security fence will encroach into the TPZ by 11% (45.6m^2) but not into the SRZ. This is just 1% over the threshold for minor TPZ encroachment. The tree was displaying good health and vigour during the site inspection, indicating the tree has the capacity to tolerate some root disturbance. Therefore, the tree will not be significantly impacted by the proposed development.	Retain and protect
1768	*Eucalyptus robusta*	A2	4.2	55.4	2.3	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
G17	*Acacia longifolia*	Z1	2.0	12.6	1.5	Footprint	Group of approximately 150 small trees. The majority of the trees will be located within the footprint of the proposed CSR and security fence construction.	Remove
1769	*Cinnamomum camphora*	Z3	2.0	12.6	1.8	Major	The proposed CSR and security fencing will encroach into the TPZ by 20% (2.5m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is recommended for removal due to impacts from the proposed development.	Remove
1770	*Triadica sebifera*	A1	2.9	26.1	2.1	None	The tree is located outside the site boundary. No proposed TPZ encroachment.	Retain and protect
1771	*Cinnamomum camphora*	Z3	3.6	40.7	2.0	Major	The proposed CSR and security fencing will encroach into the TPZ by 13% (5.3m^2) and into the SRZ. This is considered to be a major TPZ encroachment and the proposed works could potentially impact the condition and stability of the tree. The tree is an exempt species. The tree is recommended for removal due to impacts from the proposed development.	Remove

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Tree ID	Species	Retention value	TPZ radius (m)	TPZ area (m^2)	SRZ radius (m)	TPZ encroachment	Discussion/ Conclusion	Recommendation
1772	*Acacia longifolia*	Z4	4.6	65.3	2.3	Footprint	The trunk of the tree is located within the footprint of the proposed CSR and security fence.	Remove

Notes

TPZ Encroachment Percentage: TPZ encroachment percentages are based on new structures and hard surfaces only. New soft landscaping, such as turf or amenity planting areas have not been included in the calculation for TPZ encroachment.
Retain and protect*: The proposed construction must be completed in accordance with section 9.2 to reduce the impact to the tree.
Retain, protect and prune: Canopy pruning is required, see section 9.3.

9. CONCLUSIONS

9.1 **Table 2:** Summary of the impact to trees during the development;

Impact	Reason	Category A	Category Z	Total
		A	Z	
Trees recommended to be removed	Building construction, new surfacing and/or proximity, or trees in poor condition.	1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1542, 1543, 1544, 1545, 1546, 1547, 1549, 1551, 1553, 1554, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1574, 1576, 1577, 1589, 1590, 1591, 1650, 1651, 1652, 1653, 1654, 1655, 1671, 1673, 1689	1555, 1541, 1548, 1550, 1552, 1575, 1578, 1579, 1580, 1638, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1679, 1687, 1688, 1692, 1693, 1702, 1703, 1740, 1741, 1742, 1743, 1755, G17, 1769, 1771, 1772	**84 trees & 1 group of trees**
Trees recommended to be retained requiring tree sensitive construction methods and/or design modifications	Removal of existing surfacing/structures and/or installation of new surfacing/structures may impact the viability of the trees	1569, 1647, 1658, 1672, 1753	1657	**6 trees**
Trees recommended to be retained requiring canopy pruning	Clearance for construction works i.e. vehicle access, service trenching etc.	1492, 1494, 1495, 1497, 1499, 1717	1493, 1496, 1498, 1500, 1719,	**11 trees**
Trees recommended to be retained	Removal of existing surfacing/structures and/or installation of new surfacing/structures will not impact the viability of the trees	1433, 1434, 1435, 1436, 1439, 1441, 1444, 1445, 1446, 1449, 1450, 1451, 1452, 1456, 1460, 1463, 1466, 1469, 1471, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1485, 1487, 1489, 1490, 1501, 1502, 1503, 1504, 1505, 1509, 1510, 1511, 1512, 1515, 1517, 1518, 1521, 1522, 1530, 1531, 1570, 1571, 1573, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1617, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1643, 1644, 1649, 1676, 1680, 1681, 1682, 1683, 1684, 1695, 1697, 1699, 1700, 1701, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1714, 1715, 1716, 1718, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1733, 1735, 1745, 1751, 1754, 1756, 1758, 1761, 1762, 1763, 1764, 1765, 1767, 1768, 1770	1437, 1438, 1440, 1442, 1443, 1447, 1448, 1453, 1454, 1455, 1457, 1458, 1459, 1461, 1462, 1464, 1465, 1467, 1468, 1470, 1472, 1484, 1486, 1488, 1491, 1506, 1507, 1508, 1513, 1514, 1516, 1519, 1520, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1572, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1615, 1616, 1618, 1619, 1620, 1630, 1639, 1640, 1641, 1642, 1645, 1646, 1648, 1656, 1674, 1675, 1677, 1678, 1685, 1686, 1690, 1691, 1694, 1696, 1698, 1704, 1713, 1731, 1732, 1734, 1736, 1737, 1738, 1739, 1744, G16, 1746, 1747, 1748, 1749, 1750, 1752, 1757, 1759, 1760, 1766	**239 trees & 1 group of trees**

9.2 **Construction Design/Specification Requirements for Tree 1569, 1647, 1657, 1658, 1672 and 1753:** The proposed construction will encroach into the TPZ of tree 1569, 1647, 1657, 1658 and 1753 by more than 10%. To ensure the trees are not adversely impacted by the construction, it must be demonstrated the following design and construction specifications can be implemented within the TPZ of the trees. If the construction cannot be completed in accordance with these specifications, the trees may not be viable for retention.

9.2.1 **Hard Surfacing – tree 1569, 1647, 1657 and 1658:** Areas of proposed hard surfacing will be replacing the existing hard surfacing. To ensure that tree root systems are not significantly impacted, the proposed hard surfacing must be constructed on or above the existing sub base of the existing hard surfacing. Where the proposed hard surfacing is located outside the footprint of the existing hard surfacing, it should be constructed above existing soil grades. Compaction of lowest sub base materials must be minimised, as this can cause soil compaction and impact the health of trees. The diagram below (Image A) gives an example of a no-dig method for constructing hard surfacing close to trees, retaining pegs avoiding significant roots.

If excavations are essential, they must not exceed 100mm below the existing grades. The excavations should be supervised by a project Arborist with a minimum AQF level 5 qualification. All excavations for the hard surfacing should be carried out manually to avoid impacting retained tree roots. All tree roots greater than 40mm in diameter should be retained, unless the project arborist has assessed and advised that the pruning/severing of the root will not impact the condition or stability of the tree. Manual excavation may include the use of pneumatic and hydraulic tools, high-pressure air or a combination of high-pressure water and a vacuum device.

Where tree roots greater than 40mm are encountered that must be retained, the hard surfacing should be elevated over the individual tree root to allow for its retention. Examples of methods that can be used to bridge individual tree roots have been included below (Image B and C). Using pier and beam bridges as per image C is the recommended/preferred method, as it will allow for future growth of the tree roots, reducing future damage to the hard surfacing from the roots.

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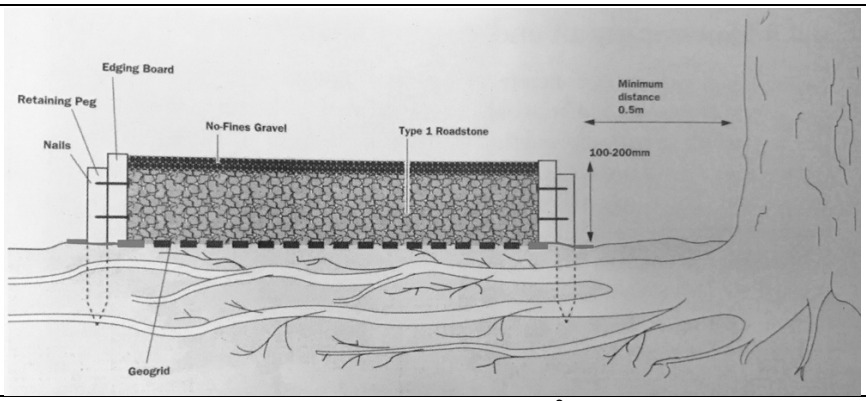

Image A: An image from 'Tree Roots in the Built Environment'[9], showing how to construct hard surfacing above a trees root system without excavation. Type 1 Roadstones are an example of blue metal or crushed sandstone.

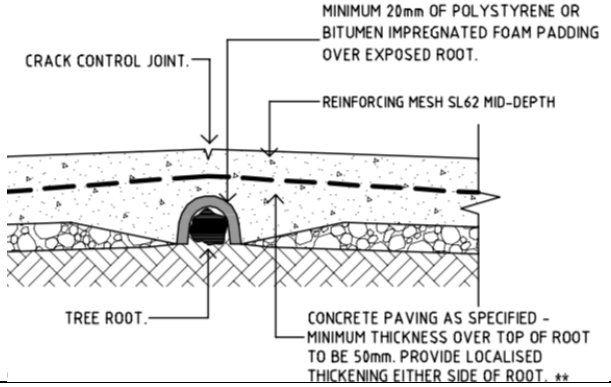

Image B: Example method for bridging concrete footpaths over tree roots provided in the Canterbury Bankstown Council standard drawings.[10]

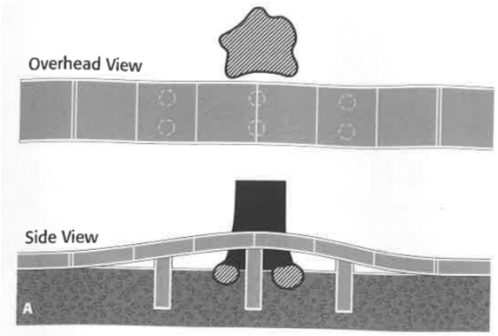

Image C: Example method from Reducing infrastructure damage by tree roots: A compendium of strategies.[11]

9 Roberts, J., Jackson, N., & Smith, M., *Tree Roots in the Built Environment*, The Stationary Office, London, England (2006). Page 305 & 306.

10 *Canterbury Bankstown Council standard drawing S-209 Existing street tree treatments*, https://www.cbcity.nsw.gov.au/development/planning-control-policies/council-standard-drawings, accessed 3 October 2019.

11 Costello, L. R., & Jones, K. S, *Reducing infrastructure damage by tree roots: A compendium of strategies*, Western Chapter of the International Society of Arboriculture, 31883 Success Valley Drive, Porterville, CA (2003), page 27.

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9.2.2 **CSR and Security Fence – tree 1753:** The proposed CSR and security fence will be installed using the tree sensitive method of post and rail type construction. To ensure the tree is not significantly impacted by the works, all post holes must be excavated manually. The post location must be flexible to avoid the severance of significant roots 40mm and greater in diameter. No posts are to be located within the SRZ or root investigations will be required to determine the post location. See appendix 3 for more information in regard to root investigations. All rails/horizontal materials are to be located on or above existing soil grades. This will allow for the majority of the root system to be retained between the posts, minimising root loss. Any canopy pruning required for the installation of the proposed structures must be assessed by the project arborist and completed in accordance with AS4373 Pruning of amenity trees (2007).

9.2.3 **Timber Deck Construction Method – tree 1672:** To minimise the impact to tree 1672, the timber deck must be constructed in accordance with the following tree sensitive construction methods;

- All excavations for the concrete pad footings of the timber deck should be carried out manually under the supervision of the project arborist (see section 11 for more information).
- The location of the concrete pad footings for the deck should be flexible to avoid significant roots (roots greater than 40mm in diameter). Concrete pads should be located at minimum 100mm from retained roots that are greater than 40mm in diameter.
- All horizontal beams/joists are to be located on or above existing soil grades.
- To minimise the impact of reduced nutrient recycling in the TPZ, a layer of good quality composted mulch should be distributed below the deck to a depth of 75mm.
- The deck should be permeable to allow for the filtration of water to the root system below. The recommended spacing between the deck boards should be no less than 3mm to allow water to filter through.

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9.3 Canopy Pruning Specifications

Photo 1: Looking West towards tree 1492 - 1500 showing required pruning (hatched yellow). The North side of the canopy of each tree is to be raised by 4m. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 150mm in diameter.

Photo 2: Looking West towards tree 1717 showing required pruning (hatched yellow). The South side of the canopy is to be raised by 4m. The pruning will result in removing less than 10% of the overall live foliage area. Final pruning cuts should not exceed 150mm in diameter.

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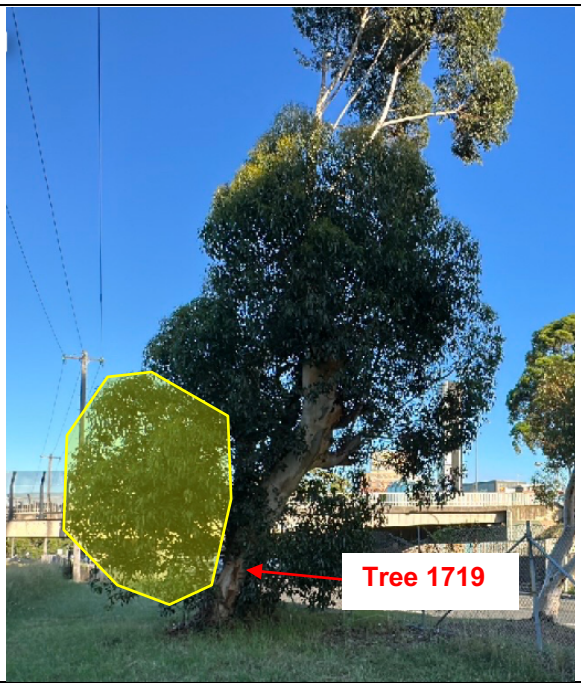

Photo 3: Looking West towards tree 1719 showing required pruning (hatched yellow). The South side of the canopy is to be raised by 4m. The pruning will result in removing less than 5% of the overall live foliage area. Final pruning cuts should not exceed 50mm in diameter. The pruning will result in the removal of epicormic growth only.

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10. RECOMMENDATIONS

10.1 This report assesses the impact of a proposed development at the subject site to three hundred and forty (340) trees and two (2) groups of trees located within the site and adjoining sites, in accordance with AS4970 Protection of trees on development sites (2009).

10.2 For site plans of tree locations, refer to Appendix 1 for the Bankstown Station Civil Engineering General Arrangement Tree Survey, Metron T2M, Including Pages 1-9, Rev A, 30 June 2021. See section 7.2 for more information.

10.3 Eighty-four (84) trees and one (1) group of trees have been recommended for removal within this report. Forty-seven (47) of these trees are higher value category A retention value trees. Thirty-seven (37) of these trees and one (1) group of trees are lower value category Z retention value trees. See section 9.1 table 2 for tree numbers within this category.

10.4 Six (6) trees have been identified that require tree sensitive construction methods to be retained in a viable condition, including tree 1569, 1647, 1657, 1658, 1672 and 1753. To retain the trees in a viable condition, the proposed construction within the TPZ of the trees must be completed in accordance with section 9.2 of this report.

10.5 Eleven (11) trees can be retained in a viable condition but will require canopy pruning to allow for the construction, including tree 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1717 and 1719. See section 9.3 for the canopy pruning specifications. All canopy pruning must be completed in accordance with AS4373-2007 Pruning of amenity trees.

10.6 The remaining two-hundred and thirty-nine (239) trees and one (1) group of trees can be retained in a viable condition. See section 9.1 table 2 for tree numbers within this category.

10.7 The remaining eleven (11) trees can be retained in a viable condition but will require canopy pruning to allow for the construction, including tree 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1717 and 1719. See section 9.3 for the canopy pruning specifications. All canopy pruning must be completed in accordance with AS4373-2007 Pruning of amenity trees.

10.8 All trees to be retained must be protected for the duration of development, (including demolition and landscaping, in accordance with AS4970-2009). Generic tree protection guidance has been provided in section 11.

10.9 This report does not provide approval for tree removal or pruning works. All recommendations in this report are subject to approval by the relevant authorities and/or tree owners. This report should be submitted as supporting evidence with any tree removal/pruning or development application.

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11. TREE PROTECTION REQUIREMENTS

11.1 **Use of this report:** All contractors must be made aware of the tree protection requirements prior to commencing works at the site. This report and a copy of the site plan (Appendix 1) drawings must also be made available to any contractor prior to works commencing and during any on site operations.

11.2 **Project Arborist:** Prior to any works commencing at the site a project Arborist should be appointed. The project Arborist should be qualified to a minimum AQF level 5 and/or equivalent qualifications and experience and should assist with any development issues relating to trees that may arise. If at any time it is not feasible to carryout works in accordance with this, an alternative must be agreed in writing with the project Arborist.

11.3 **Tree work:** All tree work must be carried out by a qualified and experienced Arborist with a minimum of AQF level 2 in arboriculture, in accordance with NSW Work Cover Code of Practice for the Amenity Tree Industry (1998) and AS4373 Pruning of amenity trees (2007).

11.4 **Initial site meeting/on-going regular inspections:** The project Arborist is to hold a pre-construction site meeting with principal contractor to discuss methods and importance of tree protection measures and resolve any issues in relation to tree protection that may arise. In accordance with AS4970-2009, the project Arborist should carryout regular site inspections to ensure works are carried out in accordance with this document throughout the development process. Site inspections are recommended on a one-month frequency.

11.5 **Site Specific Tree Protection Recommendations:** Tree protection fencing should be located at the extent of the TPZ perimeter for all trees to be retained that are located within 10m of proposed works and construction traffic areas. Tree protection is to be specified and approved by the project arborist recommendations. All trees to be retained must be protected in accordance with general requirements of AS4970-2009 for the duration of the development, details of which are discussed in further details in this section of the report.

11.6 **Tree protection Specifications:** It is the responsibility of the principal contractor to install tree protection prior to works commencing at the site (prior to demolition works) and to ensure that the tree protection remains in adequate condition for the duration of the development. The tree protection must not be moved without prior agreement of the project Arborist. The project Arborist must inspect that the tree protection has been installed in accordance with this document and AS4970-2009 prior to works commencing.

11.6.1 Protective fencing: Site specific tree protection requirements are in section 11.5. Where it is not feasible to install fencing at the specified location due to factors such restricting access to areas of the site or for constructing new structures, an alternative location and protection specification must be agreed with the project Arborist. Where the installation of fencing in unfeasible due to restrictions on space, trunk and branch protection will be required (see below). The protective fencing must be constructed of 1.8 metre ‘cyclone chainmesh fence’. The fencing must only

be removed for the landscaping phase and must be authorised by the project Arborist. Any modifications to the fencing locations must be approved by the project Arborist.

11.6.2 TPZ signage: Tree protection signage is to be attached to the protective fencing, displayed in a prominent position and the sign repeated at 10 metres intervals or closer where the fence changes direction. Each sign shall contain in a clearly legible form, the following information:

- Tree protection zone/No access.
- This fence has been installed to prevent damage to the tree/s and their growing environment both above and below ground. Do not move fencing or enter TPZ without the agreement of the project Arborist.
- The name, address, and telephone number of the developer/builder and project Arborist

11.6.3 Trunk and Branch Protection: The trunk must be protected by wrapped hessian or similar material to limit damage. Timber planks (50mm x 100mm or similar) should then be placed around tree trunk. The timber planks should be spaced at 100mm intervals and must be fixed against the trunk with tie wire, or strapping and connections finished or covered to protect pedestrians from injury. The hessian and timber planks must not be fixed to the tree in any instance. The trunk and branch protection shall be installed prior to any work commencing on site and shall be maintained in good condition for the entire development period.

11.6.4 Mulch: Any areas of the TPZ located inside the subject site (only trees to be retained directly adjacent to site works must be mulched to a depth of 75mm with good quality composted wood chip/leaf mulch.

11.6.5 Ground Protection: Ground protection is required to protect the underlying soil structure and root system in areas where it is not practical to restrict access to whole TPZ, while allowing space for construction. Ground protection must consist of good quality composted wood chip/leaf mulch to a depth of between 150-300mm, laid on top of geo textile fabric. If vehicles are to be using the area, additional protection will be required such as rumble boards or track mats to spread the weight of the vehicle and avoid load points. Ground protection is to be specified by the project Arborist as required.

11.6.6 Temporary irrigation: Temporary irrigation should be set up in the TPZ of all trees to be retained and should distribute water evenly throughout the area of the TPZ. The irrigation should be used for at minimum one hour daily throughout all stages of the development.

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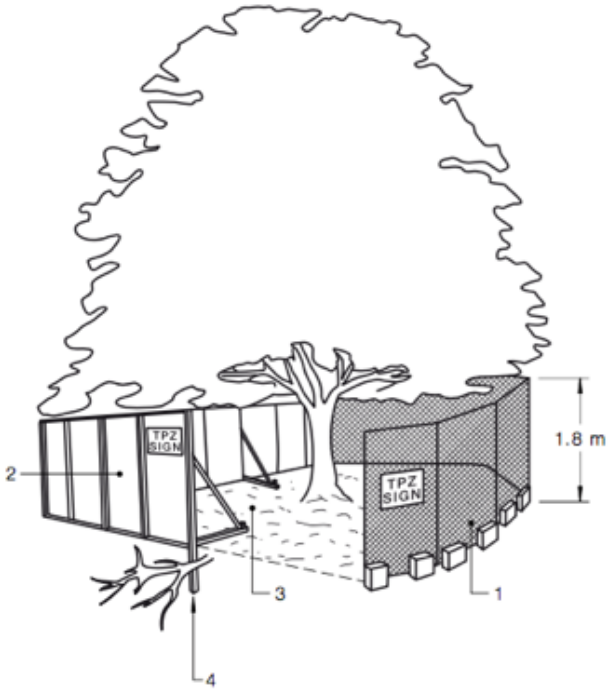
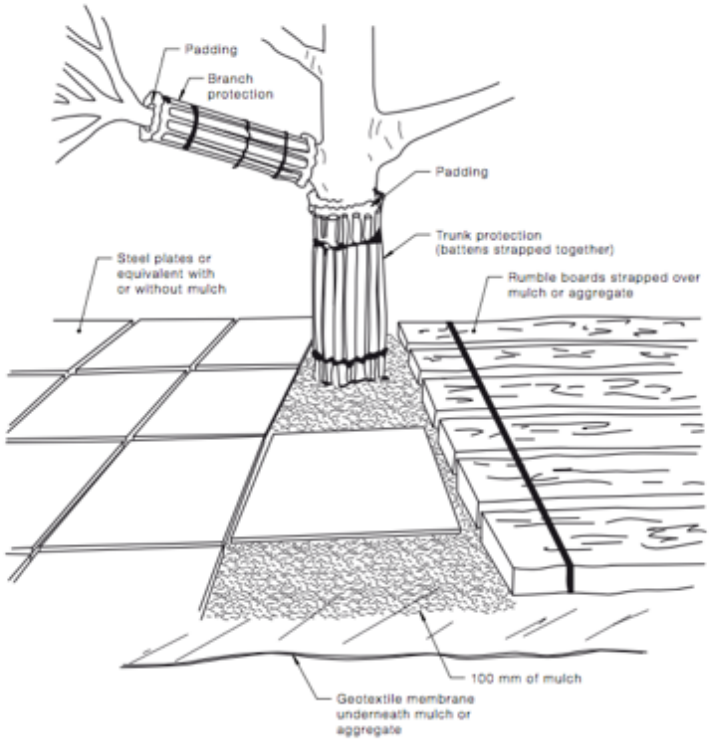


LEGEND:
1 Chain wire mesh panels with shade cloth (if required) attached, held in place with concrete feet.
2 Alternative plywood or wooden paling fence panels. This fencing material also prevents building materials or soil entering the TPZ.
3 Mulch installation across surface of TPZ (at the discretion 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.

An image from AS4970-2009,[12] with example tree protection.

[12] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 16.



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.

An image from AS4970-2009,[13] with example tree protection.

11.7 **Restricted activities inside TPZ:** The following activities must be avoided inside the TPZ of all trees to be retained unless approved by the project Arborist. If at any time these activities cannot be avoided an alternative must be agreed in writing with the project Arborist to minimise the impact to the tree.

A) Machine excavation.
B) Ripping or cultivation of soil.
C) Storage of spoil, soil or any such materials
D) Preparation of chemicals, including preparation of cement products.
E) Refueling.
F) Dumping of waste.
G) Wash down and cleaning of equipment.
H) Placement of fill.
I) Lighting of fires.
J) Soil level changes.
K) Any physical damage to the crown, trunk, or root system.
L) Parking of vehicles.

[13] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 17.

11.8 **Demolition:** The demolition of all existing structures inside or directly adjacent to the TPZ of trees to be retained must be undertaken in consultation with the project Arborist. Any machinery is to work from inside the footprint of the existing structures or outside the TPZ, reaching in to minimise soil disturbance and compaction. If it is not feasible to locate demolition machinery outside the TPZ of trees to be retained, ground protection will be required. The demolition should be undertaken inwards into the footprint of the existing structures, sometimes referred to as the 'top down, pull back' method.

11.9 **Excavations:** The project Arborist must supervise and certify that all excavations and root pruning are in accordance with AS4373-2007 and AS4970-2009. For continuous strip footings, first manual excavation is required along the edge of the structures closest to the subject trees. Manual excavation should be a depth of 1 metre (or to unfavourable root growth conditions such as bed rock or heavy clay, if agreed by project Arborist). Next roots must be pruned back in accordance with AS4373-2007. After all root pruning is completed, machine excavation is permitted within the footprint of the structure. For tree sensitive footings, such as pier and beam, all excavations inside the TPZ must be manual. Manual excavation may include the use of pneumatic and hydraulic tools, high-pressure air or a combination of high-pressure water and a vacuum device. No pruning of roots greater 30mm in diameter is to be carried out without approval of the project arborist. All pruning of roots greater than 30mm in diameter must be carried out by a qualified Arborist/Horticulturalist with a minimum AQF level 3. Root pruning is to be a clean cut with a sharp tool in accordance with AS4373 Pruning of amenity trees (2007).[14] The tree root is to be pruned back to a branch root if possible. Make a clean cut and leave as small a wound as possible.

11.10 **Landscaping:** All landscaping works within the TPZ of trees to be retained are to be undertaken in consultation with a consulting Arborist to minimise the impact to trees. General guidance is provided below to minimise the impact of new landscaping to trees to be retained.

- All excavations for landscaping works should be manual and in accordance with section 11.9.
- Replacement planting for all trees recommended for removal should be incorporated into the landscape plan. It is recommended that at minimum one tree for each tree proposed to be removed are planted to maintain/increase overall canopy cover at the site when mature. Any replacement tree must be selected in accordance with AS2303-2015 Tree stock for landscape use.
- The location of new plantings inside the TPZ of trees to be retained should be flexible to avoid unnecessary damage to tree roots greater than 40mm in diameter.

[14] Council Of Standards Australia, *AS 4373 Pruning of amenity trees* (2007) page 18

- Level changes should be minimised. The existing ground levels within the landscape areas should not be lowered by more than 50mm or increased by more 100mm without assessment by a consulting Arborist.
- New retaining walls should be avoided. Where new retaining walls are proposed inside the TPZ of trees to be retained, they should be constructed from tree sensitive material, such as timber sleepers, that require minimal footings/excavations. If brick retaining walls are proposed inside the TPZ, considerer pier and beam type footings to bridge significant roots that are critical to the trees condition. Retaining walls must be located outside the SRZ and sleepers/beams located above existing soil grades.
- New footpaths and hard surfaces should be minimised, as they can limit the availability of water, nutrients and air to the trees root system. Where they are proposed, they should be constructed on or above existing soil grades to minimise root disturbance and consider using a permeable surface. Footpaths should be located outside the SRZ.
- Where fill/sub base is used inside the TPZ, fill material should be a coarse granular material that does not restrict the flow of water and air to the root system below. This type of material will also reduce the impact of soil compaction during construction.
- Any new fencing in the TPZ of trees should constructed carefully to avoid impacting significant roots. The location of fence posts should be flexible to allow for the retention of root greater than 40mm in diameter. The base of fence panels should be located above existing soil grades.

11.11 **Underground Services:** Where possible underground services should be located outside the TPZ of trees to be retained. All underground services located inside the TPZ of any tree to be retained must be installed via tree sensitive techniques. This should include either directional drilling methods or manual excavations to minimise the impact to trees identified for retention. No roots greater than 30mm in diameter should be severed during the installation of service pipes unless approved in writing by the project Arborist.

11.12 **Sediment and Contamination:** All contamination run off from the development such as but not limited to concrete, sediment and toxic wastes must be prevented from entering the TPZ at all times.

11.13 **Tree Wounding/Injury:** Any wounding or injury that occurs to a tree during the construction process will require the project Arborist to be contacted for an assessment of the injury and provide mitigation/remediation advice. It is generally accepted that trees may take many years to decline and eventually die from root damage. All repair work is to be carried out by the project Arborist, at the contractor's expense.

11.14 **Completion of Development Works:** After all construction works are complete the project Arborist should assess that the subject trees have been retained in the same condition and vigour. If changes to condition are identified the project Arborist should provide recommendations for remediation.

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12. CONSTRUCTION HOLD POINTS FOR TREE PROTECTION

12.1 **Hold Points:** Below is a sequence of hold points requiring project Arborist certification throughout the development process**.** It provides a list of hold points that must be checked and certified. All certification must be provided in written format upon completion of the development. The final certification must include details of any instructions for remediation undertaken during the development. The principal contractor should be responsible for implementing all tree protection requirements.

Hold Point	Stage	Date Completed and Signature of Project Arborist Responsible
Project Arborist to hold pre construction site meeting with principal contractor to discuss methods and importance of tree protection measures and resolve any issues in relation to feasibility of tree protection requirements that may arise. Project Arborist to mark all trees approved for removal under DA consent.	Prior to development work commencing	
Project Arborist to assess and certify that tree protection has been installed in accordance with AS4970-2009 prior to works commencing at site.	Prior to development work commencing.	
In accordance with AS4970-2009 the project arborist should carryout regular site inspections to ensure works are carried out in accordance with the recommendations. Site inspections are recommended on a monthly frequency.	On-going throughout the development	
The removal of existing structures inside the TPZ of any tree to be retained, such as the existing buildings and hard surfaces must be supervised by the project Arborist.	Demolition	
Project Arborist to supervise all manual excavations and root pruning inside the TPZ of any tree to be retained. Project Arborist to approve all pruning of roots greater than 30mm inside TPZ. All root pruning of roots greater than 30mm in diameter must be carried out by a qualified Arborist/Horticulturalist with a minimum AQF level 3.	Construction	
Project Arborist to certify that all underground services including storm water inside TPZ of any tree to be retained have been installed in accordance with AS4970-2009.	Construction	
All landscaping works within the TPZ of trees to be retained are to be undertaken in consultation with the project Arborist to minimise the impact to trees.	Construction/ Landscape	
After all demolition, construction and landscaping works are complete the project Arborist should assess that the subject trees have been retained in the same condition and vigour. If changes to condition are identified the project Arborist should provide recommendations for remediation.	Upon completion of development	

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The Trusted Name in Tree Management

13. BIBLIOGRAPHY/REFERENCES

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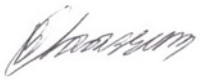
14. LIST OF APPENDICES

The following are included in the appendices:
Appendix 1 – General Arrangement Tree Survey
Appendix 2 - Tree Inspection Schedule
Appendix 3 - Further information of methodology



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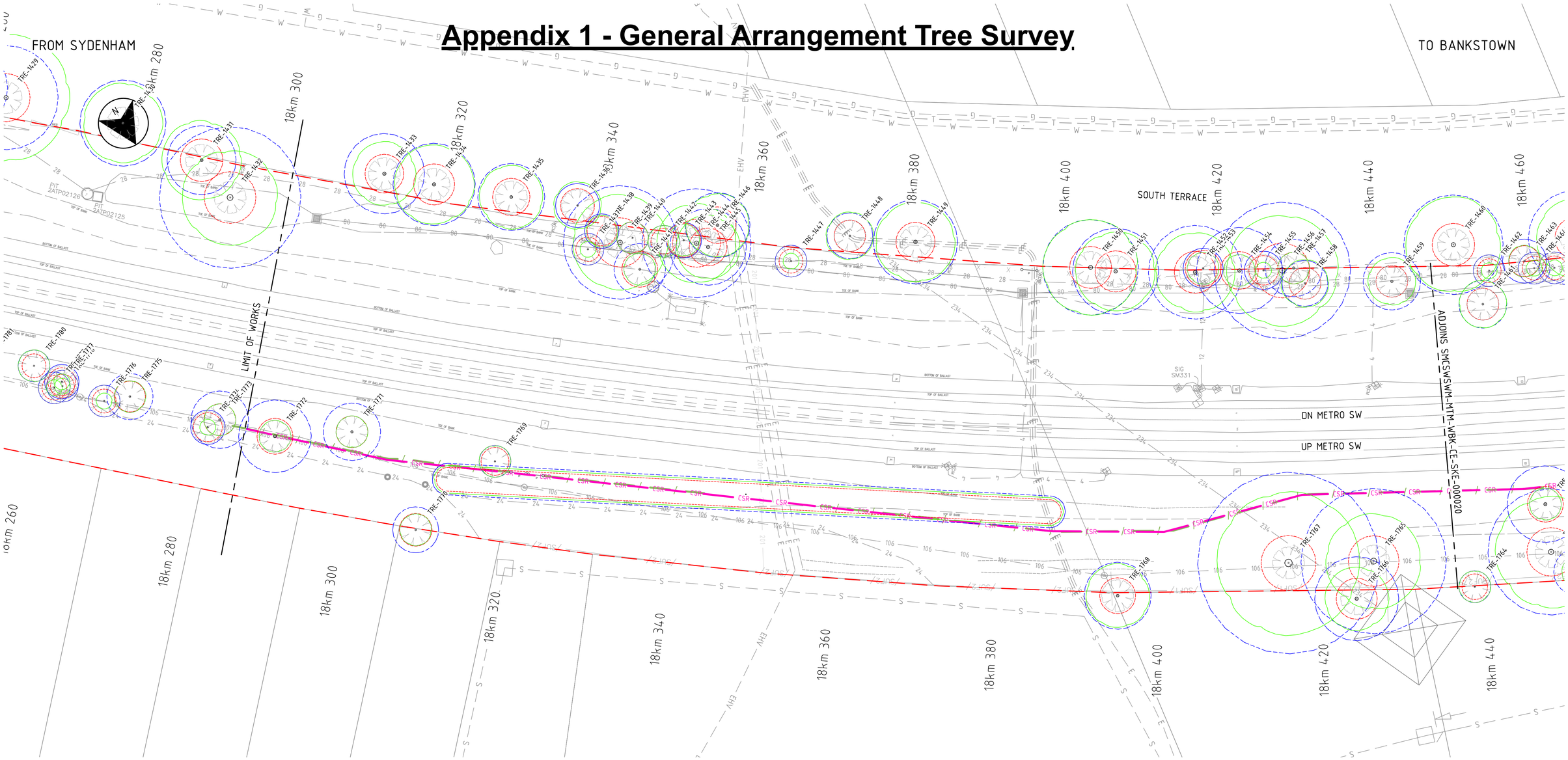
Diploma of Arboriculture (AQF5)
Cert III Landscape Construction
Member Arboriculture Australia
Quantified Tree Risk Assessment (QTRA)
ISA Tree Risk Assessment Qualification (TRAQ)

Appendix 1 - General Arrangement Tree Survey



PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
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SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

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GENERAL ARRANGEMENT-TREE SURVEY

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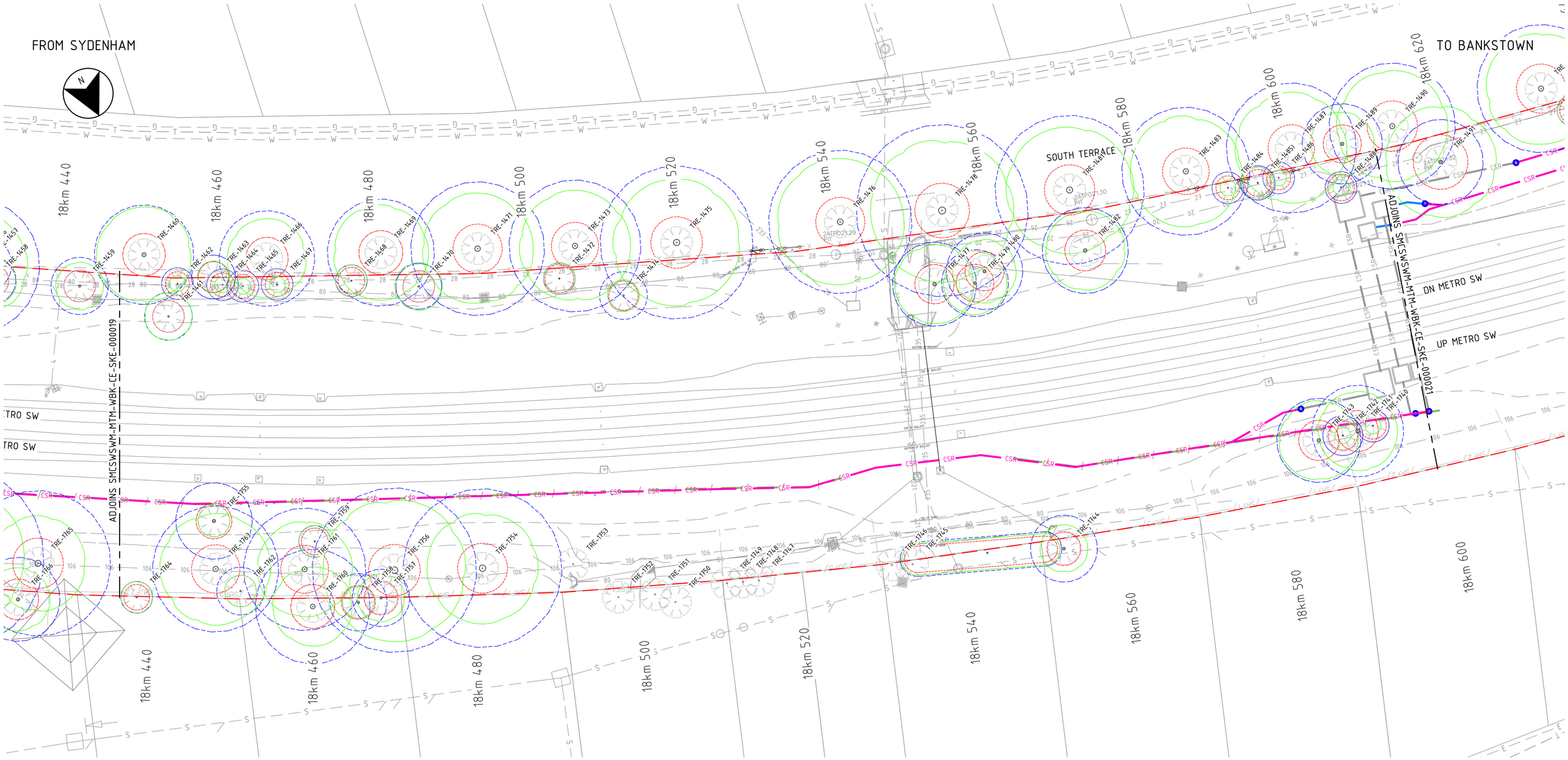

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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SCALES
2.5 0 2.5 5 7.5m
1 : 250 FULL SIZE A1

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied

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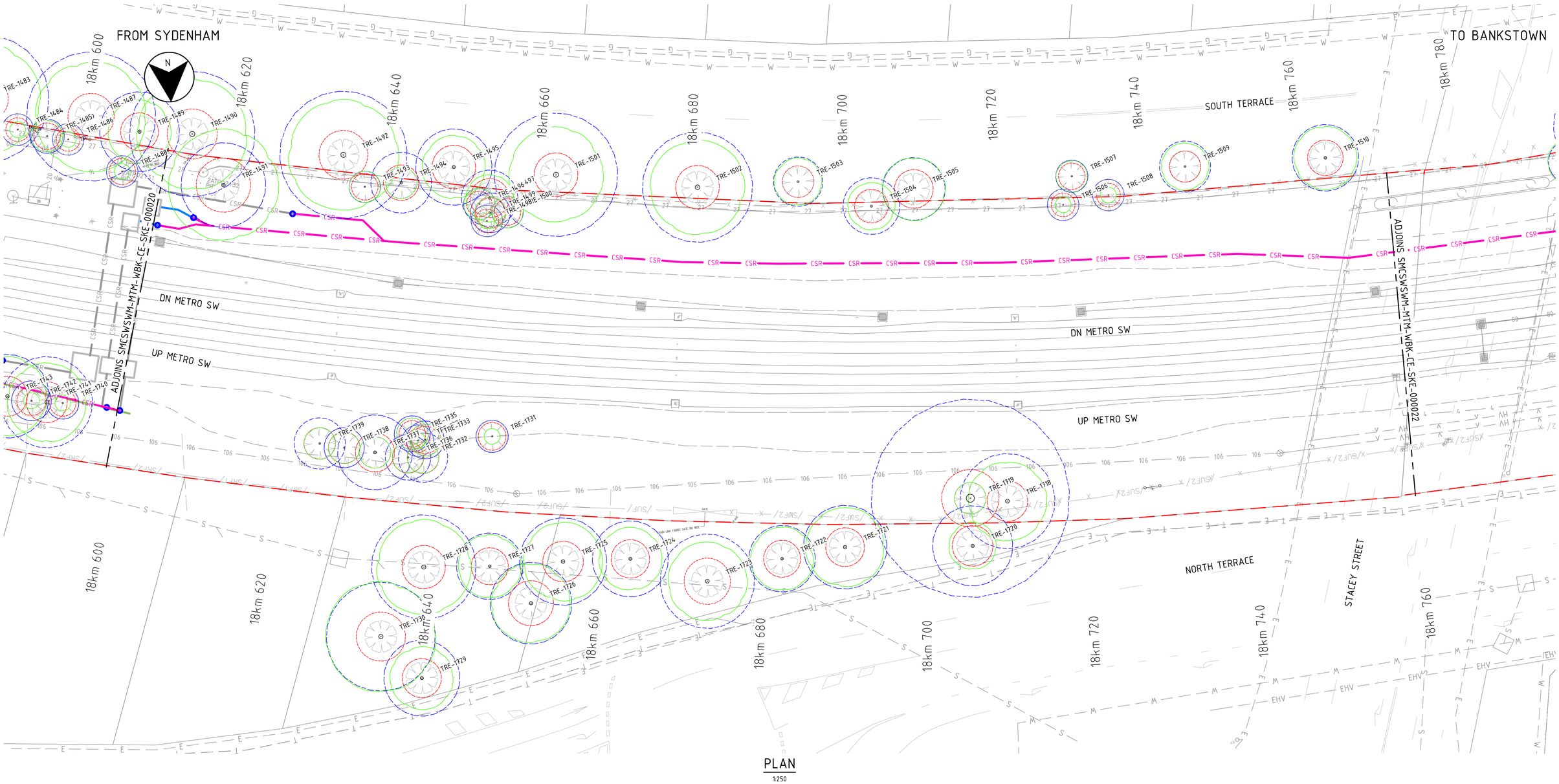

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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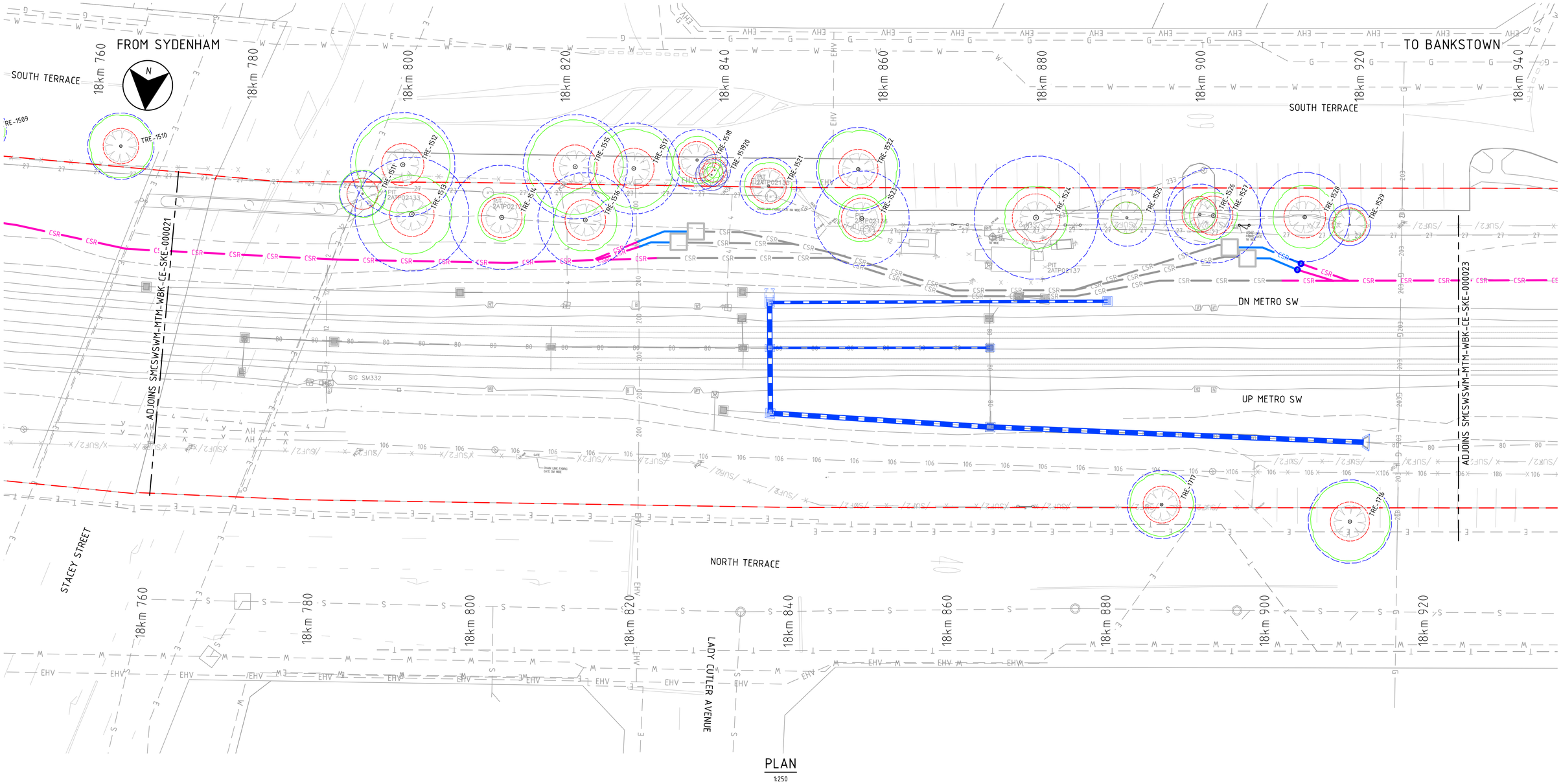

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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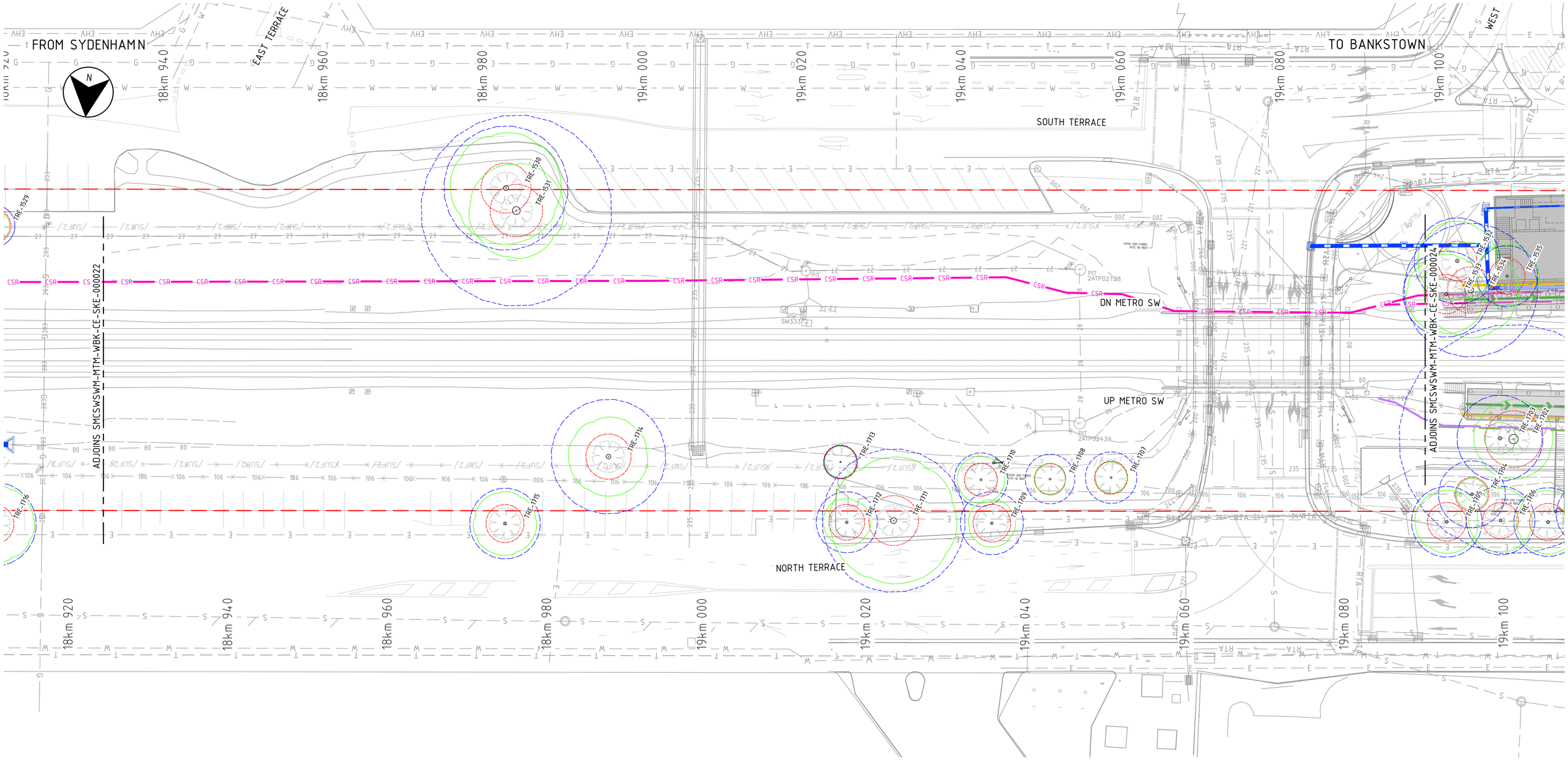

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
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SCALES
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1 : 250 FULL SIZE A1

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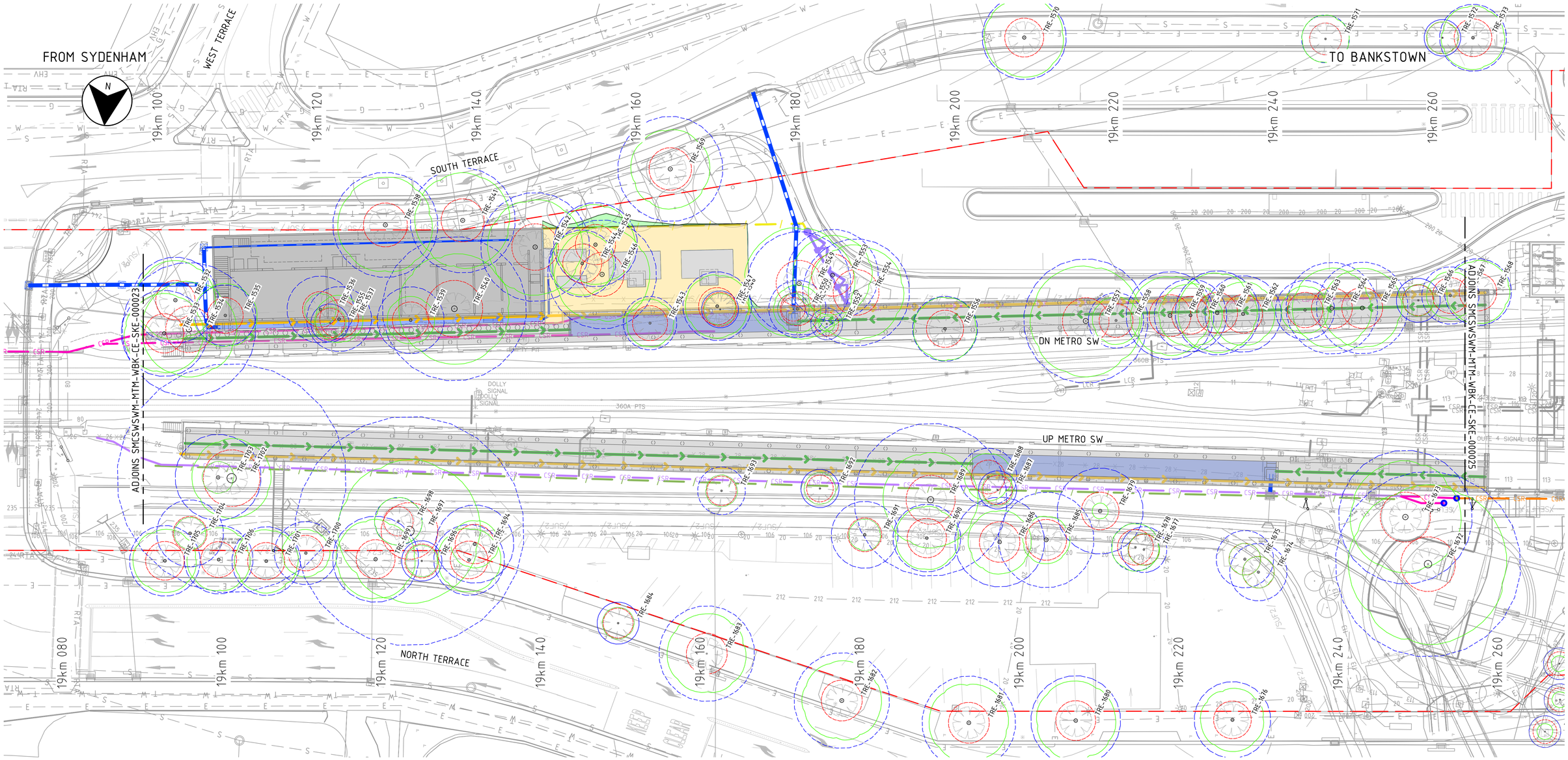

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
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100mm AT FULL SIZE

FROM BANKSTOWN

TO YAGOONA

SOUTH TERRACE

NORTH TERRACE

N

19km 240 19km 260 19km 280 19km 300 19km 320 19km 340 19km 360 19km 380 19km 400 19km 420

PEDESTRIAN PLAZA

PEDESTRIAN PLAZA

ADJOINS SMCSWSWM-MTM-WBK-CE-SKE-000024

ADJOINS SMCSWSWM-MTM-WBK-CE-SKE-000026

DN METRO SW

UP METRO SW

113 & 8 RUNS UP WALL
116 RUNS THROUGH WALL
8 & 20 RUNS UP WALL

ROUTE 4 SIGNAL LOC

-22R- STOPS HERE GOES TO OLD CUT OF POLE

-22- -20- GOES TO UPPER LEVEL

2X-18- AND INTO UPPER

-85R- GOES UNDER LOCK INTO PRONGS

-85R-LAYING ON GROUND

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
- STRUCTURAL ROOT ZONE
- TREE CROWN CANOPY

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REV.	BY	DATE	DESCRIPTION	APPD.
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SCALES
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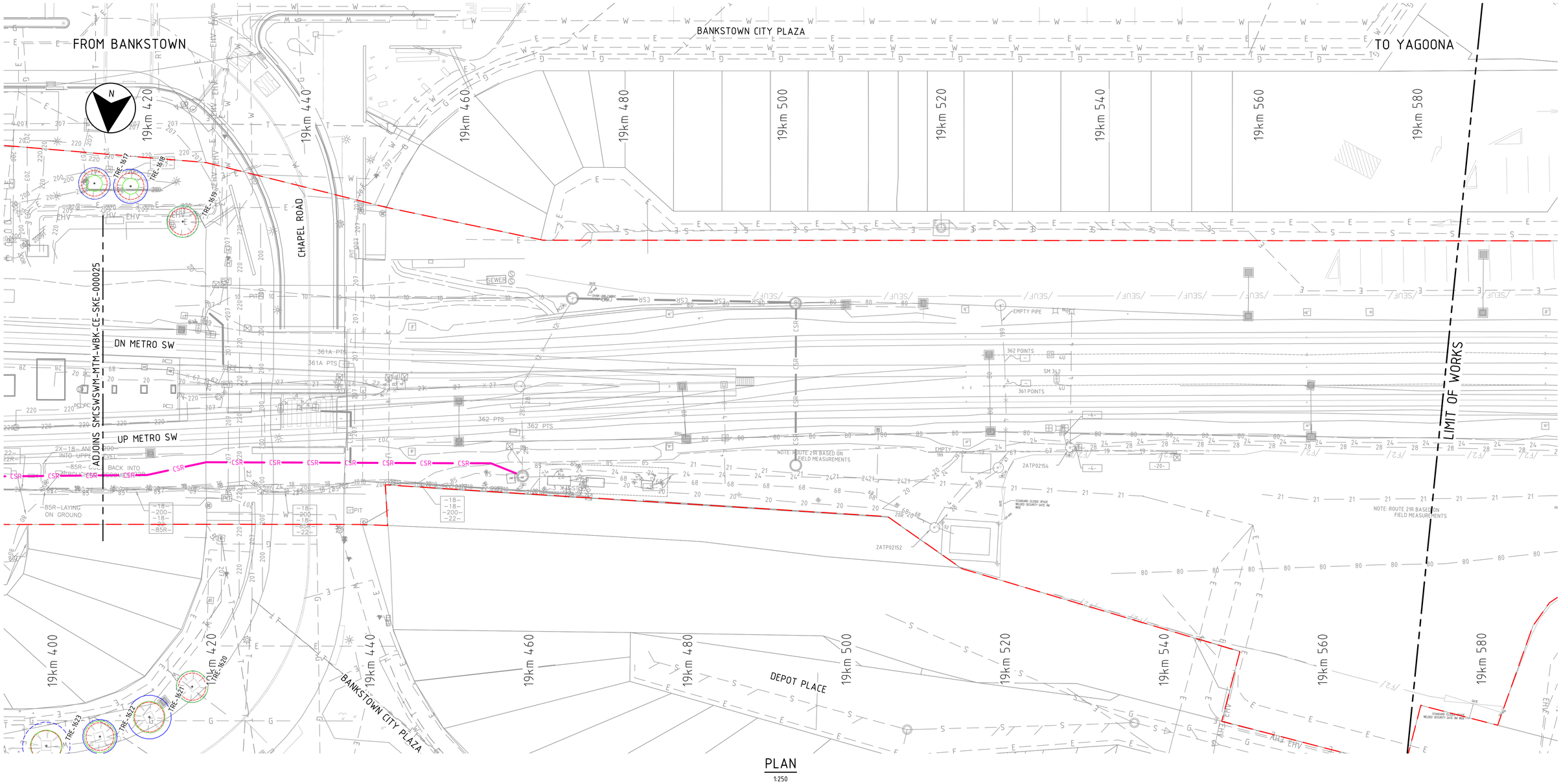

PLAN
1:250

LEGEND

- TREE PROTECTION ZONE
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GENERAL LEGEND

GENERAL

- PROPERTY BOUNDARY
- LIMIT OF WORKS
- PLATFORM / BUILDING WORKS (FOR DETAILS REFER TO ARCHITECTURAL DRAWINGS)
- EXISTING TREES TO BE REMOVED

CIVIL WORKS

- STRUCTURAL WORKS (REFER TO STRUCTURAL DRAWINGS)
- ASPHALT ON GRANULAR PAVEMENT
- GRASS
- BEL — BULK EARTHWORKS LEVEL
- FFL — FINISH FLOOR LEVEL
- MTE — NEATLY MATCH TO EXISTING LEVELS
- ES — EDGE STRIP
- 22.0 — EXISTING CONTOUR - MAJOR
- EXISTING CONTOUR - MINOR
- 21.0 — PROPOSED CONTOUR - MAJOR
- PROPOSED CONTOUR - MINOR

FENCING

- FENCING - SECURITY FENCE 2.4m
- FENCING - SECURITY FENCE 2.4m WITH CSR
- FENCING - SECURITY FENCE 3.0m - 5.0m
- FENCING - EXISTING FENCE
- FENCING - EXISTING FENCE TO BE RETAINED
- FENCING - VEHICLE ACCESS GATE 3.0m HEIGHT
- FENCING - VEHICLE ACCESS GATE
- FENCING - PEDESTRIAN ACCESS GATE
- IP — FENCING - ISOLATION PANEL
- FENCING - SAFETY RAIL
- X X X X X — FENCING - EXISTING FENCE TO BE REMOVED
- FENCING - EXISTING VEHICLE ACCESS GATE
- TRAFFIC CONTROL SIGNAL

DRAINAGE

- DRAINAGE - PROPOSED PIPE
- DRAINAGE - PROPOSED PIT - GRATED
- DRAINAGE - PROPOSED PIT - JUNCTION
- DRAINAGE - PROPOSED ONSITE DETENTION (OSD)
- DRAINAGE - PROPOSED K100 ACO KLASSIKDRAIN
- DRAINAGE - PROPOSED K200 ACO KLASSIKDRAIN
- DRAINAGE - PROPOSED H100K ACO SLAB DRAIN
- DRAINAGE - PROPOSED H200K ACO SLAB DRAIN
- DRAINAGE - PROPOSED GRASSED SWALE
- DRAINAGE - CONCRETE V-DRAIN
- DRAINAGE - EXISTING ACO DRAIN
- DRAINAGE - PROPOSED HEADWALL
- DRAINAGE - PROPOSED RIPRAP
- DRAINAGE - PROPOSED SHOTCRETE BATTER DRAIN
- DRAINAGE - EXISTING INFRASTRUCTURE
- X X X X X — DRAINAGE - ABANDONED PIPE TO BE REMOVED

UTILITIES

- S — SEWER - EXISTING MAIN (VERIS)
- SZ — SEWER - EXISTING MAIN DIGITISED (VERIS)
- W — WATER - EXISTING MAIN (VERIS)
- WZ — WATER - EXISTING MAIN DIGITISED (VERIS)
- G — GAS - EXISTING MAIN (VERIS)
- GZ — GAS - EXISTING MAIN DIGITISED (VERIS)
- E — ELEC - EXISTING U/G (VERIS)
- EZ — ELEC - EXISTING U/G DIGITISED (VERIS)
- T — COMMS - EXISTING U/G (VERIS)
- TZ — COMMS - EXISTING U/G DIGITISED (VERIS)
- OF — COMMS - EXISTING OPTIC U/G (VERIS)
- OFZ — COMMS - EXISTING OPTIC U/G DIGITISED (VERIS)
- GAS — GAS - EXISTING QENOS GAS LINE TO REMAIN
- GAS — GAS - EXISTING QENOS GAS LINE TO BE REMOVED
- GAS — GAS - PROPOSED QENOS GAS LINE RELOCATION

DBYD - UTILITIES

- S — SEWER - EXISTING (DYBD)
- W — WATER - EXISTING (DYBD)
- D — DRAINAGE- EXISTING (DYBD)
- 330kV — TRANSGRID- EXISTING (DYBD)

CSR LEGEND

GENERAL

- IP — CSR - PROPOSED INSULATION PANEL/JOINT
- CSR - PROPOSED VERTICAL ALIGNMENT TRANSITION
- LCR - PROPOSED DROPPER TO TRACK SIDE EQUIPMENT
- CSR - PROPOSED GST ROUTE BY OTHERS
- CSR - PROPOSED FENCE ROUTE BY OTHERS

PROPOSED BURIED ROUTES

- CSR CSR — CSR - PROPOSED BURIED ROUTE CORRIDOR
- CSR CSR — CSR - PROPOSED BURIED ROUTE ULX-URX
- CSR CSR — CSR - PROPOSED BURIED ROUTE PLATFORM
- LCR LCR — LCR - PROPOSED BURIED ROUTE INTERIM 11kV SUPPLY SYDNEY TRAINS
- LCR — LCR - PROPOSED BURIED ROUTE ULX-URX
- LCR — LCR - PROPOSED BURIED ROUTE PLATFORM
- LCR LCR — LCR - PROPOSED BURIED ROUTE TRACK-SIDE EQUIPMENT

PROPOSED GROUND LEVEL ROUTES

- CSR CSR — CSR - PROPOSED GLT ROUTE

PROPOSED ABOVE GROUND ROUTES

- CSR CSR — CSR - PROPOSED GST ROUTE ON PILED POST
- CSR CSR — CSR - PROPOSED GST ROUTE ON FENCING
- CSR CSR — CSR - PROPOSED GST ROUTE ON BRIDGE ABUTMENT
- CSR CSR — CSR - PROPOSED CABLE LADDER ROUTE
- CSR CSR — CSR - PROPOSED ROUTE FIXED TO ROCK FACE
- CSR CSR — CSR - PROPOSED ROUTE THROUGH PLATFORM CONCOURSE

PROPOSED SYDNEY TRAINS RELOCATIONS

- CSR CSR — CSR - PROPOSED SYDNEY TRAINS RELOCATION
- CSR - PROPOSED SYDNEY TRAINS REMOVAL

TRACKSIDE EQUIPMENT

- ANT — ANTENNA
- PP — POINT INDICATOR
- PM — POINT MACHINE
- MAST & DCS/CCTV BOX
- AXC — AXLE COUNTER DISCONNECTION BOX
- MARKER BOARD
- UGL — RADIO REPEATER

SYDNEY TRAINS - TRACKSIDE EQUIPMENT

- SF — SIGNAL/SHUNT SIGNAL FOUNDATION
- TS — TRAINSTOP
- POINT MACHINE

DSS LEGEND - EXISTING FEATURES

- DSS - FENCE
- OHW STRUCTURE
- DRAINAGE PIT
- PIT — LARGE ROUND PIT (RAD>0.5m)
- EARTH TERMINAL
- RAILWAY SIGNAL
- JUNCTION BOX
- TELEPHONE
- POINTS EQUIPMENT
- SMALL PIT (<0.5m)
- RAILWAY TUNING UNIT
- TRAIN STOP
- CCTV CAMERA
- PA — PUBLIC ANNOUNCEMENT
- PIT — DRAINAGE INSPECTION PIT (FLUSH POINT)
- ELECTRIC LIGHT POLE
- ANCHOR BLOCK
- BOOT LEG RISER

DSS LEGEND - EXISTING FEATURES (CONTINUED)

- GATE
- SURVEY MARK
- IMPEDANCE BOND
- BOLLARD
- POLE (AERIAL FEEDER)
- 0 — UNDER CONTROL AREA BOUNDARY
- 1 — SIGNAL CABLE - DIRECT BURIED
- 2 — SIGNAL CABLE - GALVANISED STEEL TROUGHING
- 3 — SIGNAL CABLE - GROUND LEVEL TROUGHING
- 4 — SIGNAL CABLE - DUCTED PIPE
- 5 — COPPER COMMS CABLE - DIRECT BURIED
- 6 — COPPER COMMS CABLE - GALVANISED STEEL TROUGHING
- 7 — COPPER COMMS CABLE - GROUND LEVEL TROUGHING
- 8 — COPPER COMMS CABLE - DUCTED PIPE
- 9 — SIGNAL & COPPER COMMS CABLE - DIRECT BURIED
- 10 — SIGNAL & COPPER COMMS CABLE - GALVANISED STEEL TROUGHING
- 11 — SIGNAL & COPPER COMMS CABLE - GROUND LEVEL TROUGHING
- 12 — SIGNAL & COPPER COMMS CABLE - DUCTED PIPE
- 13 — OPTIC FIBRE - DIRECT BURIED
- 14 — OPTIC FIBRE - GALVANISED STEEL TROUGHING
- 15 — OPTIC FIBRE - GROUND LEVEL TROUGHING
- 16 — OPTIC FIBRE - DUCTED PIPE
- 17 — LV POWER - DIRECT BURIED
- 18 — LV POWER - GALVANISED STEEL TROUGHING
- 19 — LV POWER - GROUND LEVEL TROUGHING
- 20 — LV POWER - DUCTED PIPE
- 21 — HV - DIRECT BURIED
- 22 — HV - GALVANISED STEEL TROUGHING
- 23 — HV - GROUND LEVEL TROUGHING
- 24 — HV - DUCTED PIPE
- 26 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE - GALVANISED STEEL TROUGHING
- 27 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE - GROUND LEVEL TROUGHING
- 28 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE - DUCTED PIPE
- 30 — COPPER COMMS CABLE, OPTIC FIBRE - GALVANISED STEEL TROUGHING
- 32 — COPPER COMMS CABLE, OPTIC FIBRE - DUCTED PIPE
- 34 — OPTIC FIBRE, LV POWER - GALVANISED STEEL TROUGHING
- 35 — OPTIC FIBRE, LV POWER - GROUND LEVEL TROUGHING
- 36 — OPTIC FIBRE, LV POWER - DUCTED PIPE
- 43 — SIGNAL CABLE, LV POWER - GROUND LEVEL TROUGHING
- 44 — SIGNAL CABLE, LV POWER - DUCTED PIPE
- 50 — SIGNAL & COPPER COMMS CABLE, LV POWER - GALVANISED STEEL TROUGHING
- 51 — SIGNAL & COPPER COMMS CABLE, LV POWER - GROUND LEVEL TROUGHING
- 52 — SIGNAL & COPPER COMMS CABLE, LV POWER - DUCTED PIPE
- 53 — SIGNAL & COPPER COMMS CABLE, HV - DIRECT BURIED
- 54 — SIGNAL & COPPER COMMS CABLE, HV - GALVANISED STEEL TROUGHING
- 56 — SIGNAL & COPPER COMMS CABLE, HV - DUCTED PIPE
- 58 — SIGNAL CABLE, OPTIC FIBRE - GALVANISED STEEL TROUGHING
- 59 — SIGNAL CABLE, OPTIC FIBRE - GROUND LEVEL TROUGHING
- 64 — LV POWER, HV - DUCTED PIPE
- 66 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE, LV POWER - GALVANISED STEEL TROUGHING
- 67 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE, LV POWER - GROUND LEVEL TROUGHING
- 68 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE, LV POWER - DUCTED PIPE
- 70 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE, HV - GALVANISED STEEL TROUGHING
- 71 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE, HV - GROUND LEVEL TROUGHING
- 72 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE, HV - DUCTED PIPE
- 75 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE, LV POWER, HV - GROUND LEVEL TROUGHING
- 76 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE, LV POWER, HV - DUCTED PIPE
- 80 — TRACK DRAINAGE - UNKNOWN
- 83 — COMPRESSED AIR - DIRECT BURIED
- 84 — COMPRESSED AIR - ABOVE GROUND
- 85 — ABANDONED ROUTE - UNKNOWN
- 91 — HV - DIRECTIONAL UNDER BORE
- 92 — SIGNAL & COPPER COMMS CABLE, OPTIC FIBRE - DIRECTIONAL UNDER BORE
- 105 — LV POWER - AERIAL
- 106 — HV POWER - AERIAL
- 108 — 1500V DC SYSTEM CABLE - GALVANISED STEEL TROUGHING
- 109 — 1500V DC SYSTEM CABLE - GROUND LEVEL TROUGHING
- 110 — 1500V DC SYSTEM CABLE - DUCTED PIPE
- 112 — ELECTROLYSIS BOND CABLE - UNKNOWN
- 113 — CLOSED CIRCUIT TELEVISION - DUCTED PIPE
- 116 — CLOSED CIRCUIT TELEVISION, COPPER COMMS CABLE - DUCTED PIPE
- 119 — CLOSED CIRCUIT TELEVISION, LV POWER - DUCTED PIPE
- 125 — STATION DATA - DUCTED PIPE
- 131 — LIQUID FUEL LINE - UNKNOWN
- 132 — VACANT - DUCTED PIPE
- 133 — VACANT - GALVANISED STEEL TROUGHING
- 134 — VACANT - GROUND LEVEL TROUGHING
- 197 — SERVICE PIT (POLYGON)
- 198 — SERVICE PIT (POINT)
- 199 — UN-CODED SERVICE MIX - UNKNOWN
- 200 — ELECTRIC POWER LESS THAN 33kV - EXTERNAL AGENCY SERVICE (CONSULT ASSET OWNER)
- 201 — ELECTRIC POWER EQUAL TO OR GREATER THAN 33kV - EXTERNAL AGENCY SERVICE (CONSULT ASSET OWNER)
- 202 — LOW PRESSURE GAS MAIN - EXTERNAL AGENCY SERVICE (CONSULT ASSET OWNER)
- 203 — HIGH PRESSURE GAS MAIN - EXTERNAL AGENCY SERVICE (CONSULT ASSET OWNER)
- 205 — TELSTRA - GALVANISED STEEL TROUGHING
- 206 — TELSTRA - GROUND LEVEL TROUGHING
- 207 — TELSTRA - DUCTED PIPE
- 211 — OPTUS - DUCTED PIPE
- 212 — POWERTEL - DIRECT BURIED
- 219 — VISION STREAM - DUCTED PIPE
- 220 — WATER - UNKNOWN
- 221 — SEWER - UNKNOWN
- 222 — OTHER SERVICE(S) - DIRECT BURIED
- 223 — UECOMM - DIRECT BURIED
- 233 — ELECTRIC POWER LESS THAN 33kV - AERIAL
- 234 — ELECTRIC POWER EQUAL TO OR GREATER THAN 33kV - AERIAL
- 235 — DRAINAGE SERVICE - DUCTED PIPE
- 236 — TELSTRA - AERIAL
- 244 — RTA - DUCTED PIPE

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REV.	BY	DATE	DESCRIPTION	APPD.
A	MA	30.06.2021	ISSUED FOR INFORMATION	LP

SCALES

A1 Original | Co-ordinate System: MGA Zone 56 | Height Datum: A.H.D. | This sheet may be prepared using colour and may be incomplete if copied | NOTE: Do not scale from this drawing. | ALT. DRG No. SMCSWSWM-MTM-WBK-CE-SKE-000027 P01

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SYDNEY METRO
BANKSTOWN STATION
CIVIL ENGINEERING

LEGEND - TREE SURVEY

STATUS: FOR INFORMATION | SHEET 1 OF 1 | ©

DRG No. SMCSWSWM-MTM-WBK-CE-SKE-000027 | REV. A

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Plot Date: 02/07/21 - 09:28
100mm AT FULL SIZE

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1433	Tallowood	*Eucalyptus microcorys*	Mature	18	4	420					420	480	Good	Good	High	1. Long	A1	5.0	2.4	Canopy extends into corridor.
1434	Tallowood	*Eucalyptus microcorys*	Mature	20	5	430					430	550	Good	Good	High	1. Long	A1	5.2	2.6	Canopy extends into corridor.
1435	Tallowood	*Eucalyptus microcorys*	Mature	16	4	350					350	440	Good	Good	High	1. Long	A1	4.2	2.3	Canopy extends into corridor.
1436	Tallowood	*Eucalyptus microcorys*	Semi-mature	11	3	230					230	350	Good	Good	Medium	1. Long	A1	2.8	2.1	Canopy extends into corridor.
1437	Grey Ironbark	*Eucalyptus paniculata*	Young	8	1	120					120	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1438	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	4	2	150	100				180	250	Good	Fair	Low	5. Small/Young	Z1	2.2	1.8	Located directly adjacent to fence.
1439	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	19	6	350	480				594	850	Good	Good	Very High	1. Long	A1	7.1	3.1	Located adjacent to fence.
1440	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	5	2	120	50	50			139	300	Fair	Fair	Low	5. Small/Young	Z1	2.0	2.0	Growing through fence.
1441	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Semi-mature	9	2	180	200				269	400	Good	Good	Medium	1. Long	A1	3.2	2.3	None.
1442	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	6	2	120					120	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1443	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	7	2	110	150				186	350	Good	Fair	Low	5. Small/Young	Z1	2.2	2.1	Located adjacent to fence.
1444	Grey Ironbark	*Eucalyptus paniculata*	Mature	16	5	350	450				570	800	Good	Fair	High	2. Medium	A1	6.8	3.0	Located adjacent to fence. Co-dominant stems.
1445	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	18	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	Located adjacent to fence.
1446	Tallowood	*Eucalyptus microcorys*	Mature	11	4	340					340	420	Good	Fair	Medium	2. Medium	A1	4.1	2.3	Co-dominant stems with tight union.
1447	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Young	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Co-dominant stems with tight union.
1448	Tallowood	*Eucalyptus microcorys*	Semi-mature	7	3	240					240	290	Fair	Poor	Medium	4. Remove	Z5	2.9	2.0	Root girdling and partial failure at base. Tree is potentially unstable.
1449	Tallowood	*Eucalyptus microcorys*	Mature	12	5	440					440	490	Good	Good	High	1. Long	A1	5.3	2.5	Canopy extends into corridor.
1450	Grey Ironbark	*Eucalyptus paniculata*	Mature	16	6	500					500	580	Good	Good	High	1. Long	A1	6.0	2.6	Located adjacent to fence.
1451	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	15	5	450					450	550	Good	Good	High	1. Long	A1	5.4	2.6	Located adjacent to fence.
1452	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	15	5	490					490	580	Good	Good	High	1. Long	A1	5.9	2.6	Located adjacent to fence.
1453	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	4	2	110	120	110	50	50	209	400	Good	Fair	Low	5. Small/Young	Z1	2.5	2.3	Located adjacent to fence.
1454	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	3	2	450					450	450	Good	Fair	Low	5. Small/Young	Z1	5.4	2.4	Multi stem tree. Located adjacent to fence.
1455	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	2	1	200					200	250	Good	Fair	Low	5. Small/Young	Z1	2.4	1.8	Located adjacent to fence.
1456	Broad leaved red Ironbark	*Eucalyptus fibrosa*	Mature	16	7	520	490				714	1100	Good	Good	High	1. Long	A1	8.6	3.4	Located adjacent to fence.
1457	Snow In Summer	*Melaleuca linarifolia*	Semi-mature	3	2	300					300	300	Good	Fair	Low	5. Small/Young	Z1	3.6	2.0	Located adjacent to fence.
1458	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	240					240	300	Fair	Fair	Low	5. Small/Young	Z1	2.9	2.0	Located adjacent to fence. Low foliage density for species.
1459	Sydney Golden Wattle	*Acacia longifolia*	Dead	5	3	300					300	300	Dead	Poor	Low	4. Remove	Z4	3.6	2.0	Dead tree.
1460	Tallowood	*Eucalyptus microcorys*	Mature	17	6	520					520	600	Good	Good	High	1. Long	A1	6.2	2.7	Canopy extends into corridor.
1461	Sydney Golden Wattle	*Acacia longifolia*	Mature	5	3	250					250	300	Poor	Fair	Low	4. Remove	Z4	3.0	2.0	In advanced stages of decline.
1462	Tallowood	*Eucalyptus microcorys*	Young	7	1	100					100	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
1463	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	230					230	280	Good	Good	Medium	1. Long	A1	2.8	1.9	Located adjacent to fence.
1464	Tallowood	*Eucalyptus microcorys*	Young	6	1	90					90	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1465	Tallowood	*Eucalyptus microcorys*	Young	5	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
1466	Tallowood	*Eucalyptus microcorys*	Mature	16	5	500					500	600	Good	Good	High	1. Long	A1	6.0	2.7	Canopy extends into corridor.
1467	Tallowood	*Eucalyptus microcorys*	Young	5	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1468	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located adjacent to fence.
1469	Tallowood	*Eucalyptus microcorys*	Mature	17	6	560					560	650	Good	Good	High	1. Long	A1	6.7	2.8	Canopy extends into corridor.
1470	Sydney Golden Wattle	*Acacia longifolia*	Mature	7	3	240					240	300	Fair	Fair	Low	3. Short	Z4	2.9	2.0	Low foliage density for species. Suppressed. Low potential for recovery.
1471	Tallowood	*Eucalyptus microcorys*	Mature	21	7	700					700	850	Good	Good	High	1. Long	A1	8.4	3.1	Canopy extends into corridor.
1472	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	160					160	240	Good	Good	Low	5. Small/Young	Z1	2.0	1.8	Located adjacent to fence.
1473	Tallowood	*Eucalyptus microcorys*	Mature	19	7	690					690	770	Good	Good	High	1. Long	A1	8.3	3.0	Canopy extends into corridor.
1474	Sweet Pittosporum	*Pittosporum undulatum*	Mature	6	2	250					250	250	Good	Good	Medium	2. Medium	A1	3.0	1.8	DBH estimated.
1475	Tallowood	*Eucalyptus microcorys*	Mature	21	8	800					800	950	Good	Good	Very High	1. Long	A1	9.6	3.2	Canopy extends into corridor.
1476	Tallowood	*Eucalyptus microcorys*	Mature	22	8	750					750	850	Good	Good	High	1. Long	A1	9.0	3.1	Canopy extends into corridor.
1477	Tallowood	*Eucalyptus microcorys*	Mature	19	5	440					440	500	Good	Good	High	1. Long	A1	5.3	2.5	Existing drain restricting root growth patterns.
1478	Tallowood	*Eucalyptus microcorys*	Mature	24	9	900					900	1100	Good	Good	Very High	1. Long	A1	10.8	3.4	Canopy extends into corridor. Large diameter deadwood.
1479	Tallowood	*Eucalyptus microcorys*	Mature	18	4	350					350	450	Good	Good	High	1. Long	A1	4.2	2.4	None.
1480	Tallowood	*Eucalyptus microcorys*	Mature	20	4	400					400	490	Good	Good	High	1. Long	A1	4.8	2.5	None.
1481	Tallowood	*Eucalyptus microcorys*	Mature	21	8	780					780	900	Good	Good	High	1. Long	A1	9.4	3.2	Canopy extends into corridor.
1482	Tallowood	*Eucalyptus microcorys*	Mature	18	5	450					450	550	Good	Good	High	1. Long	A1	5.4	2.6	None.
1483	Tallowood	*Eucalyptus microcorys*	Mature	21	7	670					670	750	Good	Good	High	1. Long	A1	8.0	2.9	Canopy extends into corridor.
1484	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
1485	Tallowood	*Eucalyptus microcorys*	Semi-mature	8	2	180					180	200	Good	Good	Medium	1. Long	A1	2.2	1.7	Located adjacent to fence.
1486	Tallowood	*Eucalyptus microcorys*	Young	6	1	100					100	140	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence.
1487	Tallowood	*Eucalyptus microcorys*	Mature	20	7	680					680	750	Good	Good	High	1. Long	A1	8.2	2.9	Canopy extends into corridor.
1488	Tallowood	*Eucalyptus microcorys*	Young	5	1	100	100				141	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.
1489	Tallowood	*Eucalyptus microcorys*	Mature	17	4	420					420	460	Good	Good	High	1. Long	A1	5.0	2.4	Canopy extends into corridor.
1490	Tallowood	*Eucalyptus microcorys*	Mature	18	7	660					660	900	Good	Good	High	1. Long	A1	7.9	3.2	Canopy extends into corridor.
1491	Sydney Blue Gum	*Eucalyptus saligna*	Mature	16	7	220	200	250	220		446	1100	Good	Fair	High	3. Short	Z9	5.4	3.4	Regrowth from stump.
1492	Tallowood	*Eucalyptus microcorys*	Mature	19	7	670					670	850	Good	Good	High	1. Long	A1	8.0	3.1	Canopy extends into corridor.
1493	Tallowood	*Eucalyptus microcorys*	Semi-mature	5	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located adjacent to fence.
1494	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	320					320	400	Good	Fair	Medium	1. Long	A1	3.8	2.3	Located directly adjacent to fence.
1495	Sydney Blue Gum	*Eucalyptus saligna*	Mature	10	4	230	330				402	650	Good	Good	High	1. Long	A1	4.8	2.8	Canopy extends into corridor.
1496	Tallowood	*Eucalyptus microcorys*	Young	6	2	110					110	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1497	Tallowood	*Eucalyptus microcorys*	Mature	11	3	200	220				297	500	Good	Fair	Medium	1. Long	A1	3.6	2.5	Located adjacent to fence.
1498	Grey Box	*Eucalyptus moluccana*	Young	6	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None
1499	Grey Box	*Eucalyptus moluccana*	Semi-mature	12	2	210					210	260	Good	Good	Medium	1. Long	A1	2.5	1.9	None.
1500	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.
1501	Tallowood	*Eucalyptus microcorys*	Mature	16	6	650					650	650	Good	Good	High	1. Long	A1	7.8	2.8	Canopy extends into corridor.
1502	Grey Gum	*Eucalyptus punctata*	Mature	21	6	580					580	650	Good	Good	High	1. Long	A1	7.0	2.8	Canopy extends into corridor.
1503	Tallowood	*Eucalyptus microcorys*	Mature	10	3	260					260	300	Good	Good	Medium	1. Long	A1	3.1	2.0	None.
1504	Grey Gum	*Eucalyptus punctata*	Mature	8	3	190	230				298	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Located directly adjacent to fence.
1505	Grey Gum	*Eucalyptus punctata*	Mature	12	4	330					330	490	Good	Good	High	1. Long	A1	4.0	2.5	Canopy extends into corridor.
1506	Grey Gum	*Eucalyptus punctata*	Young	4	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Asymmetric crown shape.
1507	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	2	130	110				170	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Co-dominant stems at ground.
1508	Sydney Green Wattle	*Acacia decurrens*	Semi-mature	4	1	80					80	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located directly adjacent to fence.
1509	Tallowood	*Eucalyptus microcorys*	Mature	10	3	180	200				269	290	Good	Good	Medium	1. Long	A1	3.2	2.0	None.

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1510	Tallowood	*Eucalyptus microcorys*	Mature	15	4	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	Canopy extends into corridor.
1511	Tallowood	*Eucalyptus microcorys*	Semi-mature	14	3	240					240	290	Good	Fair	Medium	2. Medium	A1	2.9	2.0	Located adjacent to bridge.
1512	Tallowood	*Eucalyptus microcorys*	Mature	22	6	550					550	600	Good	Good	High	1. Long	A1	6.6	2.7	Canopy extends into corridor.
1513	Camphor Laurel	*Cinnamomum camphora*	Mature	9	5	600					600	680	Poor	Poor	Low	4. Remove	Z4	7.2	2.8	In advanced stages of decline. Exempt species.
1514	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	550					550	550	Poor	Poor	Low	5. Small/Young	Z4	6.6	2.6	In advanced stages of decline. Exempt species.
1515	Tallowood	*Eucalyptus microcorys*	Mature	18	6	550					550	650	Good	Good	High	1. Long	A1	6.6	2.8	Canopy extends into corridor.
1516	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	500					500	550	Poor	Poor	Low	4. Remove	Z4	6.0	2.6	In advanced stages of decline. Exempt species.
1517	Tallowood	*Eucalyptus microcorys*	Mature	19	5	480					480	550	Good	Good	High	1. Long	A1	5.8	2.6	Canopy extends into corridor.
1518	Swamp Oak	*Casuarina glauca*	Mature	15	3	320					320	440	Good	Good	Medium	1. Long	A1	3.8	2.3	None.
1519	Swamp Oak	*Casuarina glauca*	Semi-mature	6	1	110					110	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1520	Swamp Oak	*Casuarina glauca*	Semi-mature	7	1	110					110	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1521	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	10	3	300					300	400	Good	Good	Medium	1. Long	A1	3.6	2.3	Located directly adjacent to fence.
1522	Tallowood	*Eucalyptus microcorys*	Mature	17	5	440					440	520	Good	Good	High	1. Long	A1	5.3	2.5	None.
1523	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	550	Fair	Fair	Low	3. Short	Z3	6.0	2.6	Located directly adjacent to fence. Exempt species.
1524	Camphor Laurel	*Cinnamomum camphora*	Mature	8	4	650					650	800	Fair	Fair	Low	3. Short	Z3	7.8	3.0	Located adjacent to fence. Exempt species.
1525	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Good	Fair	Low	3. Short	Z3	3.6	2.0	Located adjacent to fence. Exempt species.
1526	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	200	250				320	400	Good	Fair	Low	2. Medium	Z3	3.8	2.3	Located adjacent to fence. Exempt species.
1527	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	500	Good	Fair	Low	2. Medium	Z3	6.0	2.5	Located adjacent to fence. Exempt species.
1528	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	400	250				472	580	Good	Fair	Low	5. Small/Young	Z3	5.7	2.6	Located adjacent to fence. Exempt species.
1529	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	110	110	110	110		220	350	Good	Fair	Low	5. Small/Young	Z3	2.6	2.1	Located adjacent to fence. Exempt species.
1530	Forest Red Gum	*Eucalyptus tereticornis*	Mature	25	7	650					650	890	Good	Fair	Very High	2. Medium	A2	7.8	3.2	Wound on trunk at 3m with fungal bracket (Phellinus spp). Extent of decay is unknown.
1531	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	15	6	1000					1000	1000	Good	Good	High	1. Long	A1	12.0	3.3	Canopy extends into corridor.
1532	Tallowood	*Eucalyptus microcorys*	Mature	24	5	450					450	500	Good	Good	High	1. Long	A1	5.4	2.5	DBH estimated.
1533	Tallowood	*Eucalyptus microcorys*	Mature	25	5	450					450	500	Good	Good	High	1. Long	A1	5.4	2.5	None.
1534	Tallowood	*Eucalyptus microcorys*	Mature	25	6	700					700	740	Good	Good	High	1. Long	A1	8.4	2.9	DBH estimated.
1535	Tallowood	*Eucalyptus microcorys*	Mature	14	4	320					320	400	Good	Good	High	1. Long	A1	3.8	2.3	None.
1536	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	10	2	350					350	400	Good	Good	High	1. Long	A1	4.2	2.3	None.
1555	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Semi-mature	6	2	200					200	250	Good	Fair	Medium	3. Short	Z10	2.4	1.8	Suppressed. Bird nest in canopy.
1537	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	10	3	340					340	480	Good	Good	High	1. Long	A1	4.1	2.4	None.
1538	Tallowood	*Eucalyptus microcorys*	Mature	20	6	550					550	650	Good	Good	High	1. Long	A1	6.6	2.8	Located adjacent to fence.
1539	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	6	3	350					350	420	Good	Good	Medium	1. Long	A1	4.2	2.3	None.
1540	Tallowood	*Eucalyptus microcorys*	Mature	24	7	500	480	300			755	1200	Good	Good	High	1. Long	A1	9.1	3.6	Multi stem tree.
1541	Smooth Barked Apple	*Angophora costata*	Mature	16	6	550					550	620	Fair	Fair	High	3. Short	Z4	6.6	2.7	Located adjacent to fence. Low foliage density for species with apical dieback. In decline.
1542	Sydney Blue Gum	*Eucalyptus saligna*	Mature	28	6	570					570	750	Good	Fair	High	2. Medium	A1	6.8	2.9	Multiple wounds on trunk.
1543	Spotted Gum	*Corymbia maculata*	Semi-mature	9	3	280					280	380	Good	Fair	Medium	2. Medium	A1	3.4	2.2	Deadwood through lower crown. Bulging at base.
1544	Tallowood	*Eucalyptus microcorys*	Mature	20	4	350					350	490	Good	Good	High	1. Long	A1	4.2	2.5	None.
1545	Tallowood	*Eucalyptus microcorys*	Mature	20	5	440					440	530	Good	Fair	High	2. Medium	A1	5.3	2.5	Asymmetric crown shape.
1546	Tallowood	*Eucalyptus microcorys*	Mature	24	6	570					570	650	Good	Good	High	1. Long	A1	6.8	2.8	Co-dominant stems at 3m.
1547	Spotted Gum	*Corymbia maculata*	Mature	18	4	360					360	440	Good	Good	High	1. Long	A1	4.3	2.3	Located adjacent to fence.
1548	White Cedar	*Melia azedarach*	Semi-mature	6	2	110	120	60	60	60	193	350	Good	Good	Low	5. Small/Young	Z1	2.3	2.1	Located adjacent to fence.
1549	Tallowood	*Eucalyptus microcorys*	Mature	19	7	430	330				542	730	Good	Good	High	1. Long	A1	6.5	2.9	Co-dominant stems at 1m.

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1550	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Young	4	2	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	Located adjacent to fence. Suppressed.
1551	Prickly Leaved Paperbark	*Melaleuca styphelioides*	Mature	9	3	300					300	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Located adjacent to fence.
1552	Spotted Gum	*Corymbia maculata*	Young	6	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1553	Tallowood	*Eucalyptus microcorys*	Mature	20	5	480					480	590	Good	Good	High	1. Long	A1	5.8	2.7	None.
1554	Tallowood	*Eucalyptus microcorys*	Mature	24	6	560					560	720	Good	Good	High	1. Long	A1	6.7	2.9	Located adjacent to fence. Canopy extends into corridor.
1556	Spotted Gum	*Corymbia maculata*	Mature	19	4	340					340	440	Good	Good	High	1. Long	A1	4.1	2.3	None.
1557	Spotted Gum	*Corymbia maculata*	Mature	22	7	650					650	750	Good	Good	High	1. Long	A1	7.8	2.9	None.
1558	Spotted Gum	*Corymbia maculata*	Mature	18	3	290					290	350	Good	Good	High	1. Long	A1	3.5	2.1	None.
1559	Spotted Gum	*Corymbia maculata*	Mature	20	5	460					460	580	Good	Good	High	1. Long	A1	5.5	2.6	None.
1560	Spotted Gum	*Corymbia maculata*	Mature	19	4	380					380	450	Good	Good	High	1. Long	A1	4.6	2.4	None.
1561	Spotted Gum	*Corymbia maculata*	Mature	20	5	440					440	550	Good	Good	High	1. Long	A1	5.3	2.6	None.
1562	Spotted Gum	*Corymbia maculata*	Mature	20	4	400					400	480	Good	Good	High	1. Long	A1	4.8	2.4	None.
1563	Spotted Gum	*Corymbia maculata*	Mature	16	3	310					310	390	Good	Good	High	1. Long	A1	3.7	2.2	None.
1564	Spotted Gum	*Corymbia maculata*	Mature	21	5	480					480	550	Good	Good	High	1. Long	A1	5.8	2.6	None.
1565	Spotted Gum	*Corymbia maculata*	Mature	22	5	480					480	550	Good	Good	High	1. Long	A1	5.8	2.6	None.
1566	Spotted Gum	*Corymbia maculata*	Semi-mature	10	2	230					230	280	Good	Good	Medium	1. Long	A1	2.8	1.9	None.
1567	Spotted Gum	*Corymbia maculata*	Mature	18	3	300					300	400	Good	Good	High	1. Long	A1	3.6	2.3	None.
1568	Spotted Gum	*Corymbia maculata*	Mature	20	4	350					350	450	Good	Good	High	1. Long	A1	4.2	2.4	None.
1569	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	550					550	600	Good	Good	High	1. Long	A1	6.6	2.7	None.
1570	London Plane	*Platanus x hispanica*	Mature	12	5	440					440	490	Good	Good	High	1. Long	A1	5.3	2.5	None.
1571	London Plane	*Platanus x hispanica*	Semi-mature	8	3	250					250	300	Good	Good	Medium	1. Long	A1	3.0	2.0	None.
1572	London Plane	*Platanus x hispanica*	Semi-mature	8	2	120	150				192	300	Fair	Fair	Medium	3. Short	Z10	2.3	2.0	Co-dominant stems with dieback of north stem.
1573	London Plane	*Platanus x hispanica*	Mature	10	4	350					350	450	Good	Good	High	1. Long	A1	4.2	2.4	None.
1574	Southern Magnolia	*Magnolia grandiflora*	Semi-mature	6	3	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	None.
1575	Wych Elm	*Ulmus glabra*	Young	4	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1576	Wych Elm	*Ulmus glabra*	Semi-mature	5	2	210					210	230	Good	Good	Medium	1. Long	A1	2.5	1.8	None.
1577	Wych Elm	*Ulmus glabra*	Semi-mature	5	2	200					200	240	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
1578	Crepe Myrtle	*Lagerstroemia indica*	Semi-mature	5	1	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1579	Crepe Myrtle	*Lagerstroemia indica*	Semi-mature	5	1	150					150	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1580	Crepe Myrtle	*Lagerstroemia indica*	Semi-mature	5	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1581	Crepe Myrtle	*Lagerstroemia indica*	Semi-mature	5	1	140					140	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1582	Crepe Myrtle	*Lagerstroemia indica*	Semi-mature	5	1	160					160	190	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1583	Crepe Myrtle	*Lagerstroemia indica*	Semi-mature	5	1	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
1584	Southern Magnolia	*Magnolia grandiflora*	Young	4	2	180					180	200	Fair	Fair	Low	5. Small/Young	Z1	2.2	1.7	Low foliage density for species.
1585	Southern Magnolia	*Magnolia grandiflora*	Semi-mature	4	2	160					160	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
1586	Southern Magnolia	*Magnolia grandiflora*	Young	4	1	100					100	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1587	Southern Magnolia	*Magnolia grandiflora*	Young	4	1	80					80	100	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1588	Southern Magnolia	*Magnolia grandiflora*	Young	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1589	Spotted Gum	*Corymbia maculata*	Mature	15	3	300					300	390	Good	Good	High	1. Long	A1	3.6	2.2	None.
1590	Spotted Gum	*Corymbia maculata*	Mature	15	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	None.
1591	Spotted Gum	*Corymbia maculata*	Semi-mature	14	2	230					230	280	Good	Good	Medium	1. Long	A1	2.8	1.9	None.
1592	Spotted Gum	*Corymbia maculata*	Semi-mature	15	2	240					240	280	Good	Good	Medium	1. Long	A1	2.9	1.9	None.
1593	Spotted Gum	*Corymbia maculata*	Semi-mature	15	2	210					210	270	Good	Good	Medium	1. Long	A1	2.5	1.9	None.

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1594	Spotted Gum	*Corymbia maculata*	Mature	15	3	320					320	380	Good	Good	High	1. Long	A1	3.8	2.2	None.
1595	Spotted Gum	*Corymbia maculata*	Semi-mature	14	2	210					210	250	Good	Good	Medium	1. Long	A1	2.5	1.8	None.
1596	Spotted Gum	*Corymbia maculata*	Semi-mature	14	2	210					210	250	Good	Good	Medium	1. Long	A1	2.5	1.8	None.
1597	Spotted Gum	*Corymbia maculata*	Mature	15	3	310					310	370	Good	Good	High	1. Long	A1	3.7	2.2	None.
1598	Spotted Gum	*Corymbia maculata*	Semi-mature	14	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
1599	Spotted Gum	*Corymbia maculata*	Semi-mature	14	2	230					230	260	Good	Good	Medium	1. Long	A1	2.8	1.9	None.
1600	Spotted Gum	*Corymbia maculata*	Mature	15	3	340					340	390	Good	Good	High	1. Long	A1	4.1	2.2	None.
1601	Spotted Gum	*Corymbia maculata*	Semi-mature	15	2	250					250	300	Good	Good	Medium	1. Long	A1	3.0	2.0	None.
1602	Spotted Gum	*Corymbia maculata*	Semi-mature	15	2	230					230	260	Good	Good	Medium	1. Long	A1	2.8	1.9	None.
1603	Spotted Gum	*Corymbia maculata*	Semi-mature	14	2	220					220	250	Good	Good	Medium	1. Long	A1	2.6	1.8	None.
1604	Spotted Gum	*Corymbia maculata*	Semi-mature	14	2	230					230	270	Good	Good	Medium	1. Long	A1	2.8	1.9	None.
1605	Spotted Gum	*Corymbia maculata*	Mature	15	2	250					250	300	Good	Good	Medium	1. Long	A1	3.0	2.0	None.
1606	Spotted Gum	*Corymbia maculata*	Semi-mature	15	2	220					220	260	Good	Good	Medium	1. Long	A1	2.6	1.9	None.
1607	Spotted Gum	*Corymbia maculata*	Semi-mature	15	2	260					260	310	Good	Good	Medium	1. Long	A1	3.1	2.0	None.
1608	Spotted Gum	*Corymbia maculata*	Semi-mature	15	3	260					260	320	Good	Good	Medium	1. Long	A1	3.1	2.1	None.
1609	Spotted Gum	*Corymbia maculata*	Semi-mature	14	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
1610	Spotted Gum	*Corymbia maculata*	Semi-mature	15	3	270					270	340	Good	Good	High	1. Long	A1	3.2	2.1	None.
1611	Spotted Gum	*Corymbia maculata*	Semi-mature	14	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
1612	Spotted Gum	*Corymbia maculata*	Semi-mature	15	2	230					230	280	Good	Good	Medium	1. Long	A1	2.8	1.9	None.
1613	Spotted Gum	*Corymbia maculata*	Mature	15	3	300					300	360	Good	Good	High	1. Long	A1	3.6	2.2	None.
1614	Spotted Gum	*Corymbia maculata*	Mature	15	3	340					340	380	Good	Good	High	1. Long	A1	4.1	2.2	None.
1615	Wych Elm	*Ulmus glabra*	Semi-mature	4	1	130					130	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1616	Wych Elm	*Ulmus glabra*	Semi-mature	4	1	160					160	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	None.
1617	Crepe Myrtle	*Lagerstroemia indica*	Semi-mature	5	1	150					150	180	Good	Good	Medium	1. Long	A1	2.0	1.6	None.
1618	Crepe Myrtle	*Lagerstroemia indica*	Semi-mature	4	1	180					180	200	Good	Good	Low	5. Small/Young	Z1	2.2	1.7	None.
1619	Loquat	*Eriobotrya japonica*	Semi-mature	4	2	110	120				163	200	Good	Fair	Low	5. Small/Young	Z3	2.0	1.7	Exempt species.
1620	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	5	2	160					160	210	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Multi stem at 1m with tight union.
1621	Manchurian Pear	*Pyrus ussuriensis*	Mature	7	2	230					230	260	Good	Fair	Medium	2. Medium	A1	2.8	1.9	Co-dominant stems with tight union.
1622	Manchurian Pear	*Pyrus ussuriensis*	Mature	6	2	180					180	220	Good	Fair	Medium	2. Medium	A1	2.2	1.8	Co-dominant stems with tight union.
1623	Manchurian Pear	*Pyrus ussuriensis*	Mature	6	2	250					250	280	Good	Fair	Medium	2. Medium	A1	3.0	1.9	Co-dominant stems with tight union.
1624	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	7	2	180					180	220	Good	Good	Medium	2. Medium	A1	2.2	1.8	None.
1625	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	6	2	160					160	200	Good	Good	Medium	2. Medium	A1	2.0	1.7	None.
1626	London Plane	*Platanus x hispanica*	Mature	10	3	330					330	440	Good	Good	High	1. Long	A1	4.0	2.3	None.
1627	Giant Bird of Paradise	*Strelitzia nicolai*	Mature	7	2	250					250	NA	Good	Fair	Medium	2. Medium	A1	3.0	NA	Clump of Giant Bird of Paradise.
1628	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	2	330					330	380	Good	Good	High	1. Long	A1	4.0	2.2	None.
1629	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	9	2	200					200	250	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
1630	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	9	3	340	180	300			488	600	Fair	Fair	High	3. Short	Z4	5.9	2.7	Low foliage density for species. In decline.
1631	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	9	3	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	None.
1632	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	9	2	240					240	280	Good	Good	Medium	1. Long	A1	2.9	1.9	None.
1633	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	8	2	190					190	250	Good	Good	Medium	1. Long	A1	2.3	1.8	None.
1634	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	6	3	280	160				322	450	Good	Good	High	1. Long	A1	3.9	2.4	None.
1635	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	7	2	200					200	250	Good	Fair	Medium	2. Medium	A1	2.4	1.8	Trunk lean and curve in trunk.
1636	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	3	270	240	230			428	640	Good	Good	High	1. Long	A1	5.1	2.7	None.

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Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1637	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	8	2	250					250	280	Good	Good	Medium	1. Long	A1	3.0	1.9	None.
1638	Sweet Pittosporum	*Pittosporum undulatum*	Mature	9	3	290					290	350	Poor	Poor	Medium	4. Remove	Z4	3.5	2.1	Low foliage density for species with apical dieback. In decline.
1639	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	5	1	130					130	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
1640	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1641	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1642	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	5	1	140					140	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	None.
1643	London Plane	*Platanus x hispanica*	Mature	9	3	300					300	360	Good	Good	High	1. Long	A1	3.6	2.2	None.
1644	London Plane	*Platanus x hispanica*	Mature	9	3	290					290	390	Good	Good	High	1. Long	A1	3.5	2.2	None.
1645	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	5	1	120					120	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1646	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	5	1	110					110	160	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1647	London Plane	*Platanus x hispanica*	Semi-mature	9	3	260					260	350	Good	Good	Medium	1. Long	A1	3.1	2.1	None.
1648	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	5	1	120					120	170	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.
1649	London Plane	*Platanus x hispanica*	Mature	10	3	300					300	350	Good	Good	High	1. Long	A1	3.6	2.1	None.
1650	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	4	380					380	440	Good	Good	High	1. Long	A1	4.6	2.3	None.
1651	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	3	340					340	450	Good	Good	High	1. Long	A1	4.1	2.4	None.
1652	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	8	2	210					210	240	Good	Good	Medium	1. Long	A1	2.5	1.8	None.
1653	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	9	3	290					290	330	Good	Good	Medium	1. Long	A1	3.5	2.1	None.
1654	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	9	3	290					290	330	Good	Good	Medium	1. Long	A1	3.5	2.1	None.
1655	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	4	460					460	500	Good	Good	High	1. Long	A1	5.5	2.5	None.
1656	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	5	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1657	Manchurian Pear	*Pyrus ussuriensis*	Young	4	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1658	London Plane	*Platanus x hispanica*	Mature	8	3	310					310	450	Good	Good	Medium	1. Long	A1	3.7	2.4	None.
1659	Chinese Hackberry	*Celtis sinensis*	Semi-mature	7	2	180					180	250	Good	Fair	Low	5. Small/Young	Z3	2.2	1.8	Exempt species.
1660	Camphor Laurel	*Cinnamomum camphora*	Young	4	1	200					200	200	Good	Fair	Low	5. Small/Young	Z3	2.4	1.7	Exempt species. DBH estimated at base.
1661	Camphor Laurel	*Cinnamomum camphora*	Young	4	1	200					200	200	Good	Fair	Low	5. Small/Young	Z3	2.4	1.7	Exempt species. DBH estimated at base.
1662	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1663	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1664	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1665	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1666	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1667	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	90					90	110	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1668	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.
1669	Crepe Myrtle	*Lagerstroemia indica*	Young	4	1	100					100	120	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1670	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	4	1	80					80	100	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1671	London Plane	*Platanus x hispanica*	Mature	9	4	340					340	400	Good	Good	Medium	1. Long	A1	4.1	2.3	None.
1672	Hills Weeping Fig	*Ficus macrocarpa var. hillii*	Mature	18	10	970					970	1100	Good	Fair	High	2. Medium	A1	11.6	3.4	Pruned for power line clearance.
1673	Hills Weeping Fig	*Ficus macrocarpa var. hillii*	Mature	17	7	700					700	890	Good	Fair	High	2. Medium	A1	8.4	3.2	Pruned for power line clearance. Located adjacent to fence.
1674	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Fair	Fair	Low	5. Small/Young	Z3	3.6	2.0	Exempt species. DBH estimated at base.
1675	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Fair	Fair	Low	5. Small/Young	Z3	3.6	2.0	Exempt species. DBH estimated at base.
1676	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	None.
1677	Silky Oak	*Grevillea robusta*	Mature	6	2	240					240	280	Fair	Poor	Medium	4. Remove	Z5	2.9	1.9	Topped at 6m.
1678	Chinese Hackberry	*Celtis sinensis*	Mature	6	3	250					250	400	Good	Fair	Low	2. Medium	Z3	3.0	2.3	Exempt species. DBH estimated at base.

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1679	Chinese Hackberry	*Celtis sinensis*	Mature	9	1	450					450	450	Fair	Fair	Low	2. Medium	Z3	5.4	2.4	Exempt species. DBH estimated at base.
1680	Queensland Brushbox	*Lophostemon confertus*	Mature	8	5	470					470	520	Fair	Good	High	2. Medium	A2	5.6	2.5	Low foliage density for species.
1681	Queensland Brushbox	*Lophostemon confertus*	Mature	8	5	490					490	550	Good	Good	High	1. Long	A1	5.9	2.6	None.
1682	Queensland Brushbox	*Lophostemon confertus*	Mature	9	5	500					500	550	Fair	Good	High	2. Medium	A2	6.0	2.6	Low foliage density for species.
1683	Queensland Brushbox	*Lophostemon confertus*	Mature	9	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	None.
1684	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	8	2	220					220	260	Good	Good	Medium	1. Long	A1	2.6	1.9	None.
1685	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	550	Good	Fair	Low	2. Medium	Z3	6.0	2.6	Exempt species. DBH estimated at base.
1686	Silky Oak	*Grevillea robusta*	Mature	8	4	470					470	540	Good	Fair	Medium	3. Short	Z9	5.6	2.6	Topped.
1687	Chinese Hackberry	*Celtis sinensis*	Mature	8	2	200					200	250	Fair	Fair	Low	3. Short	Z3	2.4	1.8	Exempt species. DBH estimated at base.
1688	Chinese Hackberry	*Celtis sinensis*	Mature	9	3	300					300	350	Fair	Fair	Low	3. Short	Z3	3.6	2.1	Exempt species. DBH estimated at base.
1689	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	6	800					800	850	Good	Fair	High	2. Medium	A1	9.6	3.1	DBH estimated.
1690	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	260	240				354	500	Good	Poor	Low	4. Remove	Z5	4.2	2.5	Topped. Exempt species.
1691	Chinese Hackberry	*Celtis sinensis*	Mature	8	2	350					350	350	Fair	Fair	Low	3. Short	Z3	4.2	2.1	Exempt species. DBH estimated at base.
1692	Chinese Hackberry	*Celtis sinensis*	Semi-mature	7	2	200					200	200	Good	Fair	Low	2. Medium	Z3	2.4	1.7	Exempt species. DBH estimated at base.
1693	Chinese Hackberry	*Celtis sinensis*	Semi-mature	8	2	250					250	250	Good	Fair	Low	2. Medium	Z3	3.0	1.8	Exempt species. DBH estimated at base.
1694	Pear Species	*Pyrus spp*	Mature	5	3	300	200	120	150		409	500	Good	Fair	Low	2. Medium	Z1	4.9	2.5	None.
1695	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	370					370	450	Good	Good	High	1. Long	A1	4.4	2.4	None.
1696	Spotted Gum	*Corymbia maculata*	Semi-mature	6	2	150	150				212	350	Good	Fair	Low	5. Small/Young	Z1	2.5	2.1	Co-dominant stems at base.
1697	Unknown	*Unknown spp*	Mature	8	9	1200					1200	1200	Good	Fair	Medium	2. Medium	A1	14.4	3.6	DBH estimated at base.
1698	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	4	3	250					250	250	Poor	Fair	Low	4. Remove	Z4	3.0	1.8	In decline.
1699	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	450					450	490	Good	Good	High	1. Long	A1	5.4	2.5	None.
1700	Snow In Summer	*Melaleuca linarifolia*	Mature	8	3	330					330	390	Fair	Good	Medium	2. Medium	A2	4.0	2.2	Low foliage density for species.
1701	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	360					360	440	Good	Good	High	1. Long	A1	4.3	2.3	None.
1702	Camphor Laurel	*Cinnamomum camphora*	Mature	9	5	1200					1200	1200	Good	Fair	Low	2. Medium	Z3	14.4	3.6	Exempt species. DBH estimated at base.
1703	Canary Palm	*Phoenix canariensis*	Semi-mature	5	2	250					250	NA	Fair	Fair	Low	2. Medium	Z3	3.0	NA	Exempt species. DBH estimated at base.
1704	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	2	350					350	350	Good	Fair	Very Low	5. Small/Young	Z3	4.2	2.1	Exempt species. DBH estimated at base.
1705	Queensland Brushbox	*Lophostemon confertus*	Mature	7	4	370					370	480	Good	Good	High	1. Long	A1	4.4	2.4	None.
1706	Smooth Barked Apple	*Angophora costata*	Mature	9	4	360					360	400	Good	Fair	Medium	2. Medium	A1	4.3	2.3	None.
1707	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	9	2	270					270	330	Good	Good	Medium	1. Long	A1	3.2	2.1	None.
1708	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Semi-mature	9	2	260					260	280	Good	Good	Medium	1. Long	A1	3.1	1.9	None.
1709	Rough Barked Apple	*Angophora floribunda*	Mature	10	3	330					330	450	Good	Good	High	1. Long	A1	4.0	2.4	None.
1710	Rough Barked Apple	*Angophora floribunda*	Semi-mature	9	3	280					280	330	Good	Good	Medium	1. Long	A1	3.4	2.1	None.
1711	Smooth Barked Apple	*Angophora costata*	Mature	12	8	750					750	880	Good	Good	Very High	1. Long	A1	9.0	3.1	Pruned for power line clearance.
1712	Queensland Brushbox	*Lophostemon confertus*	Mature	8	3	320					320	400	Good	Good	High	1. Long	A1	3.8	2.3	None.
1713	Smooth Barked Apple	*Angophora costata*	Semi-mature	5	2	100	100	100			173	350	Good	Fair	Low	5. Small/Young	Z1	2.1	2.1	Multi stem, growing through fence.
1714	Snow In Summer	*Melaleuca linarifolia*	Mature	10	5	600					600	700	Good	Good	High	1. Long	A1	7.2	2.8	DBH estimated.
1715	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	370					370	460	Good	Good	High	1. Long	A1	4.4	2.4	None.
1716	Queensland Brushbox	*Lophostemon confertus*	Mature	9	5	440					440	500	Good	Good	High	1. Long	A1	5.3	2.5	None.
1717	Smooth Barked Apple	*Angophora costata*	Mature	9	4	360					360	440	Good	Good	High	1. Long	A1	4.3	2.3	Located directly adjacent to fence, growing through fence.
1718	Grey Gum	*Eucalyptus punctata*	Mature	20	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	Crown raised.
1719	Grey Gum	*Eucalyptus punctata*	Mature	5	2	300	1000				1044	1250	Fair	Poor	High	4. Remove	Z5	12.5	3.6	Topped.
1720	Grey Gum	*Eucalyptus punctata*	Mature	8	3	250	340				422	550	Good	Good	High	1. Long	A1	5.1	2.6	None.
1721	Tallowood	*Eucalyptus microcorys*	Mature	15	5	440					440	490	Good	Good	High	1. Long	A1	5.3	2.5	None.

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1722	Tallowood	*Eucalyptus microcorys*	Mature	15	4	350					350	440	Good	Good	High	1. Long	A1	4.2	2.3	None.
1723	Tallowood	*Eucalyptus microcorys*	Mature	16	5	290	290	280			497	750	Good	Good	High	1. Long	A1	6.0	2.9	Co-dominant stems.
1724	Tallowood	*Eucalyptus microcorys*	Mature	15	4	400					400	480	Good	Good	High	1. Long	A1	4.8	2.4	None.
1725	Tallowood	*Eucalyptus microcorys*	Mature	17	5	460					460	550	Good	Fair	High	2. Medium	A1	5.5	2.6	Co-dominant stems with bark inclusion.
1726	Tallowood	*Eucalyptus microcorys*	Mature	15	5	250	350				430	700	Good	Fair	High	2. Medium	A1	5.2	2.8	Co-dominant stems with tight union.
1727	Tallowood	*Eucalyptus microcorys*	Mature	15	4	350					350	440	Good	Good	High	1. Long	A1	4.2	2.3	None.
1728	Tallowood	*Eucalyptus microcorys*	Mature	16	6	550					550	630	Good	Good	High	1. Long	A1	6.6	2.7	None.
1729	Tallowood	*Eucalyptus microcorys*	Mature	16	4	400					400	500	Good	Good	High	1. Long	A1	4.8	2.5	None.
1730	Tallowood	*Eucalyptus microcorys*	Mature	18	7	500	280				573	860	Good	Good	High	1. Long	A1	6.9	3.1	None.
1731	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	6	1	170					170	220	Good	Good	Low	5. Small/Young	Z1	2.0	1.8	None.
1732	Eucalypt	*Eucalyptus spp*	Semi-mature	6	2	260					260	300	Good	Fair	Medium	3. Short	Z10	3.1	2.0	Topped for power line clearance.
1733	Eucalypt	*Eucalyptus spp*	Semi-mature	9	2	200					200	220	Good	Good	Medium	1. Long	A1	2.4	1.8	None.
1734	Eucalypt	*Eucalyptus spp*	Semi-mature	6	1	120					120	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	None.
1735	Eucalypt	*Eucalyptus spp*	Semi-mature	12	2	190					190	200	Good	Fair	Medium	1. Long	A1	2.3	1.7	None.
1736	Eucalypt	*Eucalyptus spp*	Mature	5	2	240					240	290	Good	Fair	Medium	3. Short	Z10	2.9	2.0	None.
1737	Eucalypt	*Eucalyptus spp*	Mature	5	2	350	180				394	500	Fair	Poor	Medium	4. Remove	Z5	4.7	2.5	Topped.
1738	Eucalypt	*Eucalyptus spp*	Semi-mature	6	2	150	150				212	300	Fair	Poor	Medium	4. Remove	Z5	2.5	2.0	Topped.
1739	Eucalypt	*Eucalyptus spp*	Mature	8	2	270					270	300	Good	Fair	Medium	3. Short	Z10	3.2	2.0	Pruned for power line clearance.
1740	Eucalypt	*Eucalyptus spp*	Semi-mature	4	1	170					170	200	Fair	Poor	Low	4. Remove	Z5	2.0	1.7	Topped.
1741	Eucalypt	*Eucalyptus spp*	Mature	10	5	480					480	560	Good	Fair	Medium	3. Short	Z10	5.8	2.6	Significantly pruned for power line clearance.
1742	Eucalypt	*Eucalyptus spp*	Semi-mature	5	1	210					210	250	Fair	Poor	Low	4. Remove	Z5	2.5	1.8	Topped.
1743	Eucalypt	*Eucalyptus spp*	Dead	10	5	440					440	530	Dead	Poor	Medium	4. Remove	Z4	5.3	2.5	Dead tree.
1744	Unknown	*Unknown spp*	Dead	11	3	350					350	350	Dead	Poor	Medium	4. Remove	Z4	4.2	2.1	Dead tree. Canopy extends into corridor.
G16	Mixed species	*Mixed spp*	Semi-mature	4	2	180					180	200	Good	Fair	Low	5. Small/Young	Z1	2.2	1.7	Group of mixed species trees, metrosideros, schefflera, cestrum. Canopy extends into corridor.
1745	Italian Cypress	*Cupressus sempervirens*	Mature	16	3	500					500	550	Good	Good	Medium	1. Long	A1	6.0	2.6	Located in adjoining property. DBH estimated.
1746	Unknown	*Unknown spp*	Semi-mature	8	1	120					120	150	Fair	Fair	Low	3. Short	Z10	2.0	1.5	Poor form.
1747	Bangalow Palm	*Archontophoenix cunninghamiana*	Semi-mature	6	1	200					200	NA	Good	Good	Low	5. Small/Young	Z1	2.0	NA	Located in adjoining property. DBH estimated.
1748	Bangalow Palm	*Archontophoenix cunninghamiana*	Semi-mature	6	1	200					200	NA	Good	Good	Low	5. Small/Young	Z1	2.0	NA	Located in adjoining property. DBH estimated.
1749	Bangalow Palm	*Archontophoenix cunninghamiana*	Semi-mature	6	1	200					200	NA	Good	Good	Low	5. Small/Young	Z1	2.0	NA	Located in adjoining property. DBH estimated.
1750	Olive	*Olea europaea*	Semi-mature	5	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Located in adjoining property. DBH estimated.
1751	Coastal Banksia	*Banksia integrefolia*	Mature	10	4	400	350				532	700	Good	Good	High	1. Long	A1	6.4	2.8	Located in adjoining property. DBH estimated.
1752	Weeping Bottlebrush	*Callistemon viminalis*	Semi-mature	5	2	200					200	200	Good	Fair	Low	5. Small/Young	Z1	2.4	1.7	Located in adjoining property. DBH estimated.
1753	Swamp Mahogany	*Eucalyptus robusta*	Mature	10	9	1400					1400	1400	Good	Fair	Very High	2. Medium	A2	15.0	3.8	Pruned for power line clearance.
1754	Swamp Mahogany	*Eucalyptus robusta*	Mature	10	7	830					830	880	Good	Fair	Very High	2. Medium	A2	10.0	3.1	Pruned for power line clearance.
1755	Common or Black Mulberry	*Morus nigra*	Semi-mature	7	2	400					400	400	Good	Fair	Low	5. Small/Young	Z3	4.8	2.3	Exempt species.
1756	Swamp Mahogany	*Eucalyptus robusta*	Mature	10	9	860					860	950	Good	Fair	Very High	2. Medium	A2	10.3	3.2	Pruned for power line clearance.
1757	Common or Black Mulberry	*Morus nigra*	Mature	6	3	300					300	350	Good	Fair	Low	2. Medium	Z3	3.6	2.1	Located directly adjacent to fence. Exempt species.

Appendix 2 - Tree Inspection Schedule

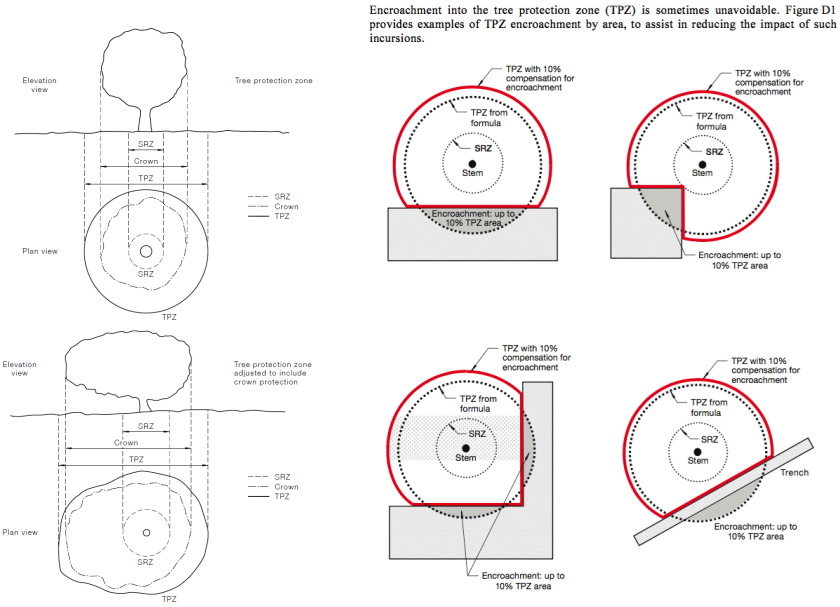
Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes
1758	Cypress	*Cupressus spp*	Mature	12	2	300					300	350	Good	Good	Medium	2. Medium	A1	3.6	2.1	Located in adjoining property. DBH estimated.
1759	Wattle	*Acacia spp*	Semi-mature	4	2	150					150	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Suppressed.
1760	Monterey Pine	*Pinus radiata*	Mature	17	5	600					600	650	Good	Good	Medium	2. Medium	Z3	7.2	2.8	Located in adjoining property. DBH estimated. Exempt species.
1761	Swamp Mahogany	*Eucalyptus robusta*	Mature	11	6	640					640	800	Good	Fair	High	2. Medium	A2	7.7	3.0	Pruned for power line clearance.
1762	Canary Palm	*Phoenix canariensis*	Mature	8	2	450					450	NA	Good	Good	Medium	1. Long	A1	3.0	NA	Located directly adjacent to fence.
1763	Swamp Mahogany	*Eucalyptus robusta*	Mature	12	7	660					660	820	Good	Fair	High	2. Medium	A2	7.9	3.0	Pruned for power line clearance.
1764	Wattle	*Acacia spp*	Mature	8	2	150					150	180	Good	Good	Medium	2. Medium	A1	2.0	1.6	Located in adjoining property. DBH estimated.
1765	Swamp Mahogany	*Eucalyptus robusta*	Mature	11	6	760					760	910	Good	Fair	Very High	2. Medium	A2	9.1	3.2	Pruned for power line clearance.
1766	Indian Coral	*Erythrina x sykesii*	Mature	9	4	330	290				439	550	Good	Fair	Low	2. Medium	Z3	5.3	2.6	Located in adjoining property. DBH estimated. Exempt species.
1767	Swamp Mahogany	*Eucalyptus robusta*	Mature	12	9	950					950	1100	Good	Fair	Very High	2. Medium	A1	11.4	3.4	Pruned for power line clearance.
1768	Swamp Mahogany	*Eucalyptus robusta*	Mature	9	4	350					350	400	Good	Fair	High	2. Medium	A2	4.2	2.3	Pruned for power line clearance.
G17	Sydney Golden Wattle	*Acacia longifolia*	Semi-mature	6	2	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Group of approximately 150 small trees.
1769	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	2	110	100				149	220	Good	Fair	Low	5. Small/Young	Z3	2.0	1.8	Exempt species.
1770	Chinese Tallo	*Triadica sebifera*	Mature	9	2	240					240	320	Good	Fair	Medium	2. Medium	A1	2.9	2.1	Growing directly adjacent and through fence.
1771	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Good	Fair	Low	5. Small/Young	Z3	3.6	2.0	Exempt species. DBH estimated at base.
1772	Sydney Golden Wattle	*Acacia longifolia*	Mature	6	2	380					380	400	Poor	Fair	Low	4. Remove	Z4	4.6	2.3	Advanced stages of decline.

Explanatory Notes

Tree Species - Common name followed by botanical name. Where species is unknown it is indicated with an *'spp'*.
Age Class - Over mature (OM), Mature (M), Early mature (EM), Semi mature (SM), Young (Y).
Diameter at Breast Height (DBH) - Measured with a DBH tape or estimated at approximately 1.4m above ground level.
Diameter Above root Buttresses (DAB): Measured with a DBH tape or estimated above root buttresses (DAB) for calculating the SRZ.
Height - Height from ground level to top of crown. All heights are estimated unless otherwise indicated.
Spread - Radius of crown at widest section. All tree spreads are estimated unless otherwise indicated.
Tree Protection Zone (TPZ) - DBH x 12. Measured in radius from the centre of the trunk. Rounded to nearest 0.1m. For monocots, the TPZ is set at 1 metre outside the crown projection.
Structural Root Zone (SRZ) - $(DAB \times 50)^{0.42} \times 0.64$. Measured in radius from the centre of the trunk. Rounded up to nearest 0.1m.
Health - Good/Fair/Poor/Dead
Structure - Good/Fair/Poor
Safe Useful Life Expectancy (SULE) - 1. Long (40+years), 2. Medium (15 - 40 years), 3. Short (5 - 15 years), 4. Remove (under 5 years), 5. Small/young.
Amenity Value - Very High/High/Medium/Low/Very Low.
Retention Value: Tree AZ, see appendix 3 for categories.

Appendix 3 - Further Information of Methodology

1. **Tree Protection Zone:** The tree protection zone (TPZ) is the principle means of protecting trees on development sites. The TPZ is a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance, so that the tree remains viable. The radius of the TPZ is calculated for each tree by multiplying its DBH x 12. The derived value is measured in radius from the centre of the stem/trunk at ground level. A TPZ should not be less than 2.0 metres nor greater than 15 metres (except where crown protection is required).
It is commonly observed that tree roots will extend significant further than the indicative TPZ, however the TPZ is an area identified AS4970-2009 to be extent where root loss or disturbance will generally not impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The tree protection also incorporates the SRZ (see below for more information about the SRZ). I have calculated the TPZ of palms, other monocots, cycads and tree ferns at one metre outside the crown projection. See appendices for additional information about the TPZ including information about calculating the TPZ and examples of TPZ encroachment.
Minor encroachment into TPZ: Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.
Major encroachment into TPZ: Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted.



2. **Structural Root Zone:** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always need to be maintained to preserve a viable tree as it will only have a minor effect on the trees vigour and health. There are several factors that determine the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally work within the SRZ should be avoided.
An indicative SRZ radius can be determined from the diameter of the trunk measured immediately above the root buttresses. Root investigation could provide more information about the extent of the SRZ. The following formula should be used to calculate the SRZ.
SRZ radius = $(D \times 50)^{0.42} \times 0.64$ (D = Diameter above root buttress).

3. **Tree Age Class:** If can be difficult to determine the age of a tree without carrying out invasive tests that may damage the tree, so we have categorised there likely age class which is defined below;
    - Young/Newly planted: Young or recently planted tree.
    - Semi Mature: Up to 20% of the usual life expectancy for the species.
    - Early mature/Mature: Between 20%-80% of the usual life expectancy for the species.
    - Over mature: Over 80% of the usual life expectancy for the species.
    - Dead: Tree is dead or almost dead.

4. **Health/Physiological Condition:** Below are examples conditions used when assigning a category for tree health.

Category	Example condition	Summary
Good	• Crown has good foliage density for species. • Tree shows no or minimal signs of pathogens that are unlikely to have an effect on the health of the tree. • Tree is displaying good vigour and reactive growth development.	• The tree is in above average health and condition and no remedial works are required.
Fair	• The tree may be starting to dieback or have over 25% deadwood. • Tree may have slightly reduced crown density or thinning. • There may be some discolouration of foliage. • Average reactive growth development. • There may be early signs of pathogens which may further deteriorate the health of the tree. • There may be epicormic growth indicating increased levels of stress within the tree.	• The tree is in below average health and condition and may require remedial works to improve the trees health.
Poor	• The may be in decline, have extensive dieback or have over 30% deadwood. • The canopy may be sparse or the leaves may be unusually small for species. • Pathogens or pests are having a significant detrimental effect on the tree health.	• The tree is displaying low levels of health and removal or remedial works may be required.
Dead	• The tree is dead or almost dead.	• The tree should generally be removed.

5. **Structural Condition:** Below are examples conditions used when assigning a category for structural condition.

Category	Example condition	Summary
Good	• Branch unions appear to be strong with no sign of defects. • There are no significant cavities. • The tree is unlikely to fail in usual conditions. • The tree has a balanced crown shape and form.	• The tree is considered structurally good with well developed form.
Fair	• The tree may have minor structural defects within the structure of the crown that could potentially develop into more significant defects. • The tree may a cavity that is currently unlikely to fail but may deteriorate in the future. • The tree is an unbalanced shape or leans significantly. • The tree may have minor damage to its roots. • The root plate may have moved in the past but the tree has now compensated for this. • Branches may be rubbing or crossing.	• The identified defects are unlikely cause major failure. • Some branch failure may occur in usual conditions. • Remedial works can be undertaken to alleviate potential defects.
Poor	• The tree has significant structural defects. • Branch unions may be poor or weak. • The tree may have a cavity or cavities with excessive levels of decay that could cause catastrophic failure. • The tree may have root damage or is displaying signs of recent movement. • The tree crown may have poor weight distribution which could cause failure.	• The identified defects are likely to cause either partial or whole failure of the tree.

6. **Amenity Value:** To determine the amenity value of a tree we assess a number of different factors, which include but are not limited to the information below.
   - The visibility of the tree to adjacent sites.
   - The relationship between the tree and the site.
   - Whether the tree is protected by any statuary conditions.
   - The habitat value of the tree.
   - Whether the tree is considered a noxious weed species.

   The amenity value is rated using one of the following values.
   - Very High
   - High
   - Moderate
   - Low
   - Very Low

7. **Safe Useful Life Expectancy (SULE), (Barrel, 2001):** A trees safe useful life expectancy is determined by assessing a number of different factors including the health and vitality, estimated age in relation to expected life expectancy for the species, structural defects, and remedial works that could allow retention in the existing situation.

Category	Description
1. Long - Over 40 years	(a) Structurally sound trees located in positions that can accommodate future growth. (b) Trees that could be made suitable for retention in the long term by remedial tree care. (c) Trees of special significance for historical, commemorative or rarity reasons that would warrant extraordinary efforts to secure their long term retention.
2. Medium - 15 to 40 years	(a) Trees that may only live between 15 and 40 more years. (b) Trees that could live for more than 40 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 40 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that could be made suitable for retention in the medium term by remedial tree care.
3. Short - 5 to 15 years	(a) Trees that may only live between 5 and 15 more years. (b) Trees that could live for more than 15 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 15 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that require substantial remedial tree care and are only suitable for retention in the short term.
4. Remove - Under 5 years	(a) Dead, dying, suppressed or declining trees because of disease or inhospitable conditions. (b) Dangerous trees because of instability or recent loss of adjacent trees. (c) Dangerous trees because of structural defects including cavities, decay, included bark, wounds or poor form. (d) Damaged trees that are clearly not safe to retain. (e) Trees that could live for more than 5 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (f) Trees that are damaging or may cause damage to existing structures within 5 years. (g) Trees that will become dangerous after removal of other trees for the reasons given in (a) to (f). (h) Trees in categories (a) to (g) that have a high wildlife habitat value and, with appropriate treatment, could be retained subject to regular review.
5. Small/Young	(a) Small trees less than 5m in height. (b) Young trees less than 15 years old but over 5m in height. (c) Formal hedges and trees intended for regular pruning to artificially control growth.

8. **Root investigations:** The root investigations should identify roots greater than 30mm in diameter that are located along the edge of the structures footprint or in the location of footings. Root investigations must be carried out using non-invasive methods (manual excavations). Any excavations for the root investigations must carried out manually to avoid damaging the roots during excavations. Manual excavation may include the use of a high-pressure air/air knife, or a combination of high-pressure water and a vacuum device. When hand excavating carefully work around roots retaining as many as possible. Take care to not fray, wound, or cause damage to any roots during excavations as this may cause decay or infection from pathogens. It is essential that exposed roots are kept moist and the excavation back filled as soon as possible. The root investigations should be carried out by a qualified Arborist minimum AQF3. Once roots are exposed, a visual assessment can be carried out by a consulting Arborist to evaluate the potential impact of the proposed root loss on the health and stability of the tree. A root map/report should be prepared identifying the findings of investigations, including photographs as supporting evidence in the report.

9. **Retention Value:** The system I have used to award the retention value is Tree AZ. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The table below provides a brief description of each category.

TreeAZ Categories (Version 10.04-ANZ)

CAUTION: TreeAZ assessments must be carried out by a competent person qualified and experienced in arboriculture. The following category descriptions are designed to be a brief field reference and are not intended to be self-explanatory. They must be read in conjunction with the most current explanations published at www.TreeAZ.com.

Category Z: Unimportant trees not worthy of being a material constraint

Local policy exemptions: Trees that are unsuitable for legal protection for local policy reasons including size, proximity and species	
Z1	Young or insignificant small trees, i.e. below the local size threshold for legal protection, etc
Z2	Too close to a building, i.e. exempt from legal protection because of proximity, etc
Z3	Species that cannot be protected for other reasons, i.e. scheduled noxious weeds, out of character in a setting of acknowledged importance, etc
High risk of death or failure: Trees that are likely to be removed within 10 years because of acute health issues or severe structural failure	
Z4	Dead, dying, diseased or declining
Z5	Severe damage and/or structural defects where a high risk of failure cannot be satisfactorily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, overgrown and vulnerable to adverse weather conditions, etc
Z6	Instability, i.e. poor anchorage, increased exposure, etc
Excessive nuisance: Trees that are likely to be removed within 10 years because of unacceptable impact on people	
Z7	Excessive, severe and intolerable inconvenience to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. dominance, debris, interference, etc
Z8	Excessive, severe and intolerable damage to property to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. severe structural damage to surfacing and buildings, etc
Good management: Trees that are likely to be removed within 10 years through responsible management of the tree population	
Z9	Severe damage and/or structural defects where a high risk of failure can be temporarily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, vulnerable to adverse weather conditions, etc
Z10	Poor condition or location with a low potential for recovery or improvement, i.e. dominated by adjacent trees or buildings, poor architectural framework, etc
Z11	Removal would benefit better adjacent trees, i.e. relieve physical interference, suppression, etc
Z12	Unacceptably expensive to retain, i.e. severe defects requiring excessive levels of maintenance, etc

NOTE: Z trees with a high risk of death/failure (Z4, Z5 & Z6) or causing severe inconvenience (Z7 & Z8) at the time of assessment and need an urgent risk assessment can be designated as ZZ. ZZ trees are likely to be unsuitable for retention and at the bottom of the categorization hierarchy. In contrast, although Z trees are not worthy of influencing new designs, urgent removal is not essential and they could be retained in the short term, if appropriate.

Category A: Important trees suitable for retention for more than 10 years and worthy of being a material constraint

A1	No significant defects and could be retained with minimal remedial care
A2	Minor defects that could be addressed by remedial care and/or work to adjacent trees
A3	Special significance for historical, cultural, commemorative or rarity reasons that would warrant extraordinary efforts to retain for more than 10 years
A4	Trees that may be worthy of legal protection for ecological reasons (Advisory requiring specialist assessment)

NOTE: Category A1 trees that are already large and exceptional, or have the potential to become so with minimal maintenance, can be designated as AA at the discretion of the assessor. Although all A and AA trees are sufficiently important to be material constraints, AA trees are at the top of the categorization hierarchy and should be given the most weight in any selection process.

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Glossary of Terms

Abiotic - Pertaining to non-living agents; e.g. environmental factors

Adventitious shoots - Shoots that develop other than from apical, axillary or dormant buds; see also 'epicormic'

Anchorage - The system whereby a tree is fixed within the soil, involving cohesion between roots and soil and the development of a branched system of roots which withstands wind and gravitational forces transmitted from the aerial parts of the tree

Bark - A term usually applied to all the tissues of a woody plant lying outside the vascular cambium, thus including the phloem, cortex and periderm; occasionally applied only to the periderm or the phellem

Branch:
• **Primary**. A first order branch arising from a stem
• **Lateral**. A second order branch, subordinate to a primary branch or stem and bearing sub-lateral branches
• **Sub-lateral**. A third order branch, subordinate to a lateral or primary branch, or stem and usually bearing only twigs

Branch collar - A visible swelling formed at the base of a branch whose diameter growth has been disproportionately slow compared to that of the parent stem; a term sometimes applied also to the pattern of growth of the cells of the parent stem around the branch base

Brown-rot - A type of wood decay in which cellulose is degraded, while lignin is only modified

Buckling - An irreversible deformation of a structure subjected to a bending load

Buttress zone - The region at the base of a tree where the major lateral roots join the stem, with buttress-like formations on the upper side of the junctions

Cambium - Layer of dividing cells producing xylem (woody) tissue internally and phloem (bark) tissue externally

Canker - A persistent lesion formed by the death of bark and cambium due to colonisation by fungi or bacteria

Compartmentalisation - The confinement of disease, decay or other dysfunction within an anatomically discrete region of plant tissue, due to passive and/or active defences operating at the boundaries of the affected region

Compressive loading - Mechanical loading which exerts a positive pressure; the opposite to tensile loading

Condition - An indication of the physiological condition of the tree. Where the term ‘condition’ is used in a report, it should not be taken as an indication of the stability of the tree

Crown/Canopy - The main foliage bearing section of the tree

Crown lifting - The removal of limbs and small branches to a specified height above ground level

Crown thinning - The removal of a proportion of secondary branch growth throughout the crown to produce an even density of foliage around a well-balanced branch structure

Crown reduction/shaping - A specified reduction in crown size whilst preserving, as far as possible, the natural tree shape

DAB (Diameter Above Buttress) - Trunk diameter measured above the root buttress

Defect - In relation to tree hazards, any feature of a tree which detracts from the uniform distribution of mechanical stress, or which makes the tree mechanically unsuited to its environment

Dieback - The death of parts of a woody plant, starting at shoot-tips or root-tips

Disease - A malfunction in or destruction of tissues within a living organism, usually excluding mechanical damage; in trees, usually caused by pathogenic micro-organisms

Dominance - In trees, the tendency for a leading shoot to grow faster or more vigorously than the lateral shoots; also the tendency of a tree to maintain a taller crown than its neighbours

Dormant bud - An axial bud which does not develop into a shoot until after the formation of two or more annual wood increments; many such buds persist through the life of a tree and develop only if stimulated to do so

Dysfunction - In woody tissues, the loss of physiological function, especially water conduction, in sapwood

DBH (Diameter at Breast Height) - Stem diameter measured at a height of 1.4 metres or the nearest measurable point. Where measurement at a height of 1.4 metres is not possible, another height may be specified

Deadwood - Branch or stem wood bearing no live tissues. Retention of deadwood provides valuable habitat for a wide range of species and seldom represents a threat to the health of the tree. Removal of deadwood can result in the ingress of decay to otherwise sound tissues and climbing operations to access deadwood can cause significant damage to a tree. Removal of deadwood is generally recommended only where it represents an unacceptable level of hazard

Epicormic shoot - A shoot having developed from a dormant or adventitious bud and not having developed from a first year shoot

Flush-cut - A pruning cut which removes part of the branch bark ridge and or branch-collar

Girdling root - A root which circles and constricts the stem or roots possibly causing death of phloem and/or cambial tissue

Habit - The overall growth characteristics, shape of the tree and branch structure

Hazard beam - An upwardly curved part of a tree in which strong internal stresses may occur without being reduced by adaptive growth; prone to longitudinal splitting

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

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Heartwood/false-heartwood - The dead central wood that has become dysfunctional as part of the aging processes and being distinct from the sapwood

Heave - A term mainly applicable to a shrinkable clay soil which expands due to re-wetting after the felling of a tree which was previously extracting moisture from the deeper layers; also the lifting of pavements and other structures by root diameter expansion; also the lifting of one side of a wind-rocked root-plate

Included bark (ingrown bark) - Bark of adjacent parts of a tree (usually forks, acutely joined branches or basal flutes) which is in face-to-face contact

Lever arm - A mechanical term denoting the length of the lever represented by a structure that is free to move at one end, such as a tree or an individual branch

Lignin - The hard, cement-like constituent of wood cells; deposition of lignin within the matrix of cellulose microfibrils in the cell wall is termed Lignification

Lions tailing - A term applied to a branch of a tree that has few if any side-branches except at its end, and is thus liable to snap due to end- loading

Loading - A mechanical term describing the force acting on a structure from a particular source; e.g. the weight of the structure itself or wind pressure

Mycelium - The body of a fungus, consisting of branched filaments (hyphae)

Occlusion - The process whereby a wound is progressively closed by the formation of new wood and bark around it

Pathogen - A micro-organism which causes disease in another organism

Photosynthesis - The process whereby plants use light energy to split hydrogen from water molecules, and combine it with carbon dioxide to form the molecular building blocks for synthesizing carbohydrates and other biochemical products

Probability - A statistical measure of the likelihood that a particular event might occur

Pruning - The removal or cutting back of twigs or branches, sometimes applied to twigs or small branches only, but often used to describe most activities involving the cutting of trees or shrubs

Radial - In the plane or direction of the radius of a circular object such as a tree stem

Reactive Growth/Reaction Wood - Production of woody tissue in response to altered mechanical loading; often in response to internal defect or decay and associated strength loss (cf. adaptive growth)

Ring-barking - The removal of a ring of bark and phloem around the circumference of a stem or branch, normally resulting in an inability to transport photosynthetic assimilates below the area of damage. Almost inevitably results in the eventual death of the affected stem or branch above the damage

Root-collar - The transitional area between the stem/s and roots

Sapwood - Living xylem tissues

Soft-rot - A kind of wood decay in which a fungus degrades cellulose within the cell walls, without any general degradation of the wall as a whole

Stem/s - Principle above-ground structural component(s) of a tree that supports its branches

Stress - In plant physiology, a condition under which one or more physiological functions are not operating within their optimum range, for example due to lack of water, inadequate nutrition or extremes of temperature

SRZ (Structural Root Zone) - The area around the base of the tree required for the trees stability in the ground

Subsidence - In relation to soil or structures resting in or on soil, a sinking due to shrinkage when certain types of clay soil dry out, sometimes due to extraction of moisture by tree roots

Taper - In stems and branches, the degree of change in girth along a given length

Targets - In tree risk assessment (with slight misuse of normal meaning) persons or property or other things of value which might be harmed by mechanical failure of the tree or by objects falling from it

Topping - In arboriculture, the removal of the crown of a tree, or of a major proportion of it

Transpiration - The evaporation of moisture from the surface of a plant, especially via the stomata of leaves; it exerts a suction which draws water up from the roots and through the intervening xylem cells

TPZ (Tree Protection Zone) - 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

Understory - This layer consists of younger individuals of the dominant trees, together with smaller trees and shrubs which are adapted to grow under lower light conditions

Veteran tree - Tree that, by recognised criteria, shows features of biological, cultural or aesthetic value that are characteristic of, but not exclusive to, individuals surviving beyond the typical age range for the species concerned. These characteristics might typically include a large girth, signs of crown retrenchment and hollowing of the stem

Vigour - The expression of carbohydrate expenditure to growth (in trees)

White-rot - A range of kinds of wood decay in which lignin, usually together with cellulose and other wood constituents, is degraded

Wind exposure - The degree to which a tree or other object is exposed to wind, both in terms of duration and velocity

Wind pressure - The force exerted by a wind on a particular object

Windthrow - The blowing over of a tree at its roots

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

Appendix D – Bankstown Additional Corridor Works - Arboricultural Report - Construction Impacts

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Arboricultural Report:
BAC Tree Report

Site Location: Southwest Metro - Marrickville, Hurlstone Park, Belmore, Wiley Park, Punchbowl and Bankstown NSW

Prepared for:
John Holland Laing O'Rourke

Prepared by: Bryce Claassens
Urban Arbor Pty Ltd
Date prepared: 13 October 2022
Ref: 221013-BAC-AIA
Rev: 2

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1. INTRODUCTION

1.1 Urban Arbor have been instructed by John Holland Laing O'Rourke to provide an Arboricultural Report for trees located at the site and adjoining sites in relation to the proposed Bankstown & Additional Corridor (BAC) construction works. The report is to address trees to be removed or pruned within specific areas at the site and to specify tree protection requirements for trees to be retained.

1.2 Documents and information provided to assist in preparing the report;

A) BAC Proposed Laydown Areas & Compounds, John Holland Liang O'Rourke, Final TCDP Version V4.

B) BAC Arborist Assessment Document, John Holland Liang O'Rourke, 10 June 2022.

1.3 The site and tree inspections were completed on 6 November 2020, 9 December 2020, 12 February 2021, 17 February 2021, 10 June 2021, 16 July 2021, 19 November 2021, 17 December 2021 and 10 June 2022. Some trees included within this report were previously inspected between the dates of 6 January 2020 to 3 April 2020 during the Southwest Metro Rail Corridor (Marrickville to Bankstown) works. Access was available to the subject site and adjoining public areas only.

2. SCOPE OF THE REPORT

2.1 This report has been undertaken to meet the following objectives.

2.1.1 Conduct a visual assessment of all significant trees located within the area identified for assessment by John Holland Laing O'Rourke. For the purpose of this report, a significant tree is a 'Long lived woody perennial plant greater than (or usually greater than) 3 metres in height with one or relatively few main stems or trunks'.

2.1.2 Determine the trees estimated contribution years and remaining useful life expectancy and award the trees a retention value.

2.1.3 Determine trees that are to be removed or retained within each area.

2.1.4 Specify tree protection measures for trees to be retained in accordance with AS4970-2009.

2.1.5 Provide pruning specifications for trees where required, in accordance with AS4373-2007.

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3. LIMITATIONS

3.1 The observations and recommendations are based on the site inspections identified in section 1 only. The findings of this report are based on the observations and site conditions at the time of inspection.

3.2 All of the observations were carried out from ground level. The accuracy of the assessment of the subject trees structural condition and health is limited to the visibility of the tree at the time of inspection.

3.3 The tree inspection was visual from ground level only. No soil or tissue testing was carried out as part of the tree inspection. None of the surrounding surfaces adjacent to trees were lifted or removed during the tree inspections.

3.4 Root decay can sometimes be present with no visual indication above ground. It is also impossible to know the extent of any root damage caused by mechanical damage such as underground root cutting during the installation of services without undertaking detailed root investigation. Any form of tree failure due to these activities is beyond the scope of this assessment.

3.5 The report reflects the subject tree(s) as found on the day of inspection. Any changes to the growing environment of the subject tree, or tree management works beyond those recommended in this report may alter the findings of the report. There is no warranty, expressed or implied, that problems or deficiencies relating to the subject tree, or subject site may not arise in the future.

3.6 Tree identification is based on accessible visual characteristics at the time of inspection. As key identifying features are not always available the accuracy of identification is not guaranteed. Where tree species is unknown, it is indicated with an *spp*.

3.7 Some trees included within this report have been located using a Trimble TDC100 hand held GNSS device by Urban Arbor Pty Ltd. Tree locations are only accurate within 1m - 3m. If an accurate location of the trees is required, a registered surveyor should locate the trees.

3.8 All diagrams, plans and photographs included in this report are visual aids only and are not to scale unless otherwise indicated.

3.9 Alteration of this report invalidates the entire report.

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4. METHODOLOGY

4.1 The following information was collected during the assessment of the subject tree(s).

4.1.1 Tree common name
4.1.2 Tree botanical name
4.1.3 Tree age class
4.1.4 DBH (Trunk/Stem diameter at breast height/1.4m) - millimetres.
4.1.5 DAB (Trunk diameter directly above the root buttress) – millimetres.
4.1.6 Estimated height - metres
4.1.7 Estimated crown spread (diameter of crown) - metres
4.1.8 Health
4.1.9 Structural condition
4.1.10 Amenity value
4.1.11 Estimated remaining contribution years (SULE)[1]
4.1.12 Retention value (Tree AZ)[2]
4.1.13 Notes/comments

4.2 An assessment of the trees condition was made using the visual tree assessment (VTA) model (Mattheck & Breloer, 1994).[3]

4.3 Tree diameter was measured using a DBH tape or in some cases estimated. Tree height and tree canopy spread was measured with a clinometer or in some cases estimated. All other measurements were estimations unless otherwise stated. The other tools used during the assessment were a nylon mallet, compass, camera and a steel probe.

4.4 All information was imported into our computerised geographical information system (GIS) PT-mapper pro. This software was used to measure/calculate all encroachment estimates included in this report.

4.5 All DBH measurements, tree protection zones, and structural root zones were calculated in accordance with methods set out in AS4970 Protection of trees on development sites (2009).[4]

4.6 Details of how the observations in this report have been assessed are listed in the appendices.

[1] Barrell, J. (2001), *'SULE: Its use and status in the new millennium' in Management of Mature Trees proceedings of the 4th NAAA Workshop*, Sydney, 2001. Barrell.

[2] Barrell Tree Consultancy, *Tree AZ version 10.10-ANZ*, http://www.treeaz.com/.
[3] Mattheck, C. & Breloer, H., *The body language of trees - A handbook for failure analysis*, The Stationary Office, London, England (1994).
[4] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009).

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5. SITE LOCATION AND BRIEF DESCRIPTION

5.1 The area covered in the site inspections is located within two Local Government Areas (LGA), including Inner West LGA and Canterbury Bankstown LGA. All trees within the Inner West LGA are subject to protection under the corresponding Local Environmental Plans (LEP)[5], Development Control Plans (DCP)[6] and Tree Management DCP 2020.[7] All trees within the Canterbury Bankstown LGA are subject to protection under the Canterbury LEP 2012[8], Canterbury DCP 2012[9], Bankstown LEP 2015[10] and Bankstown DCP 2015.[11]

6. GENERAL INFORMATION IN RELATION TO PROTECTING TREES ON DEVELOPMENT SITES

6.1 **Tree protection zone (TPZ):** The TPZ is the principle means of protecting trees on development sites and is an area required to maintain the viability of trees during development. It is commonly observed that tree roots will extend significantly further than the indicative TPZ, however the TPZ is an area identified in AS4970-2009 to be the area where root loss or disturbance will generally impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The TPZ also incorporates the SRZ (see below for more information about the SRZ). The TPZ is calculated by multiplying the DBH by twelve, with the exception of palms, other monocots, cycads and tree ferns, the TPZ of which have been calculated at one metre outside the crown projection. Additional information about the TPZ is included in appendix 3.

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5 *Inner West Local Environmental Plans*, https://www.innerwest.nsw.gov.au/develop/planning-controls/local-environment-plans-lep, accessed 4 March 2021.

6 *Inner West Development Control Plans*, https://www.innerwest.nsw.gov.au/develop/planning-controls/current-development-control-plans-dcp , accessed 4 March 2021.

7 *Inner West Tree Management Development Control Plan 2020*, https://www.innerwest.nsw.gov.au/live/information-for-residents/trees/trees-on-your-property-pruning-or-removing, accessed 4 March 2021.

8 *Canterbury Local Environmental Plan 2012*, https://www.legislation.nsw.gov.au/#/view/EPI/2012/673, accessed 4 March 2021.

9 *Canterbury Development Control Plan 2012*, https://www.cbcity.nsw.gov.au/development/planning-control-policies/canterbury-development-control-plan-2012, accessed 4 March 2021.

10 *Bankstown Local Environmental Plan 2015*, https://www.legislation.nsw.gov.au/#/view/EPI/2015/140/full, accessed 4 March 2021.

11 *Bankstown Development Control Plan 2015,* https://www.cbcity.nsw.gov.au/resident/trees-garden-home/pruning-removing-trees/tree-preservation-order, accessed 4 March 2021.

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6.2 **Structural Root Zone (SRZ):** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always needs to be maintained to preserve a viable tree. The SRZ is calculated using the following formula; (DAB x 50) $^{0.42}$ x 0.64. There are several factors that can vary the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally, work within the SRZ should be avoided. Soil level changes should also generally be avoided inside the SRZ of trees to be retained. Palms, other monocots, cycads and tree ferns do not have an SRZ. See the appendices for more information about the SRZ.

6.3 **Minor encroachment into TPZ:** Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.

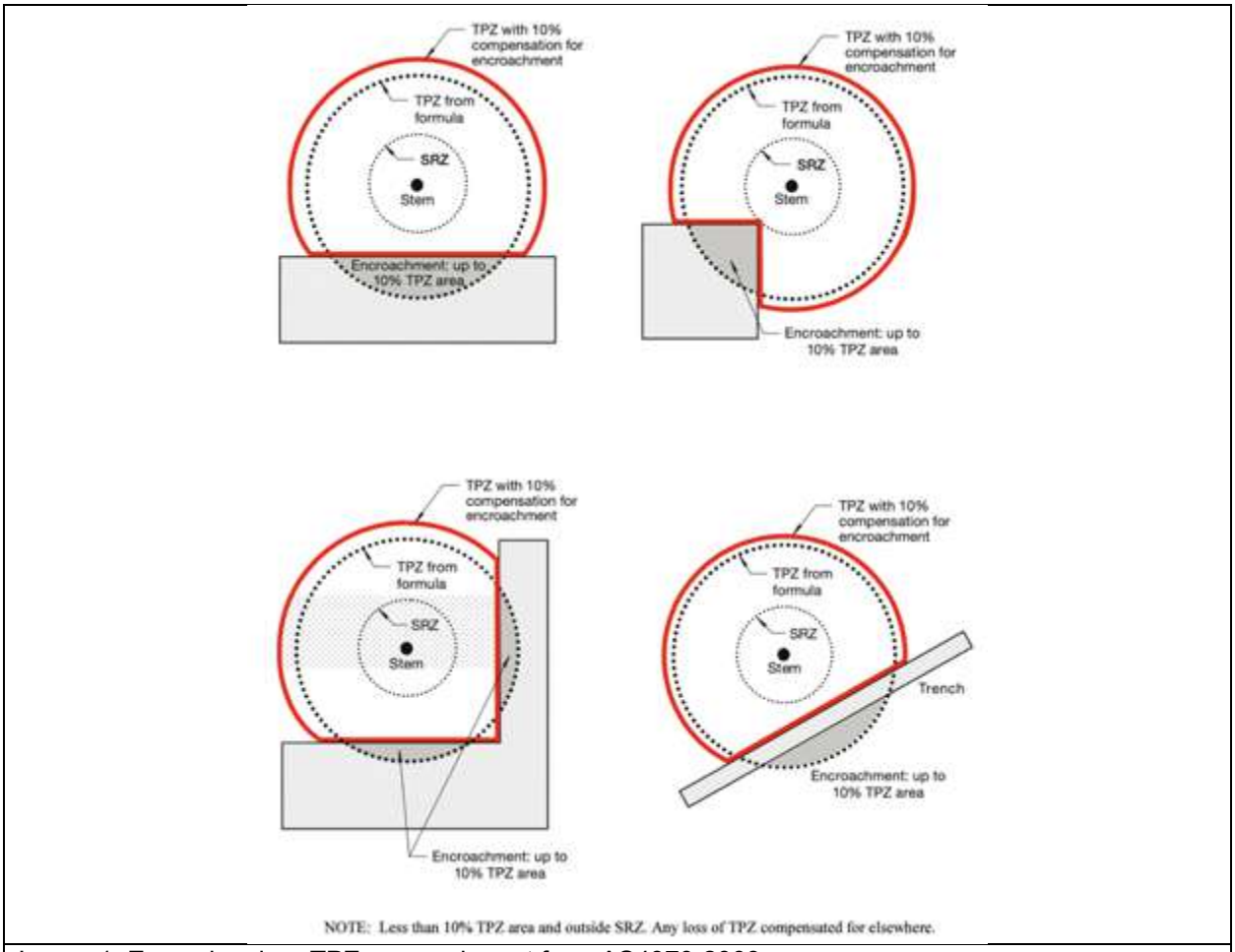

Image 1: Example minor TPZ encroachment from AS4970-2009.

6.4 **Major encroachment into TPZ:** Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted. Root investigations may be required to identify roots that will be impacted during major TPZ encroachment (see appendix 3 for more information in relation to root investigations).

7. SITE LOCATION

7.1 The areas assessed in this report have been identified by John Holland Laing O'Rourke and have been listed below. Urban Arbor carried out a site inspection to identify significant trees within each area. The following areas were assessed for significant trees that could potentially be impacted by the proposed development;

- **9.3** Marrickville
- **9.4** Hurlstone Park
- **9.5** Belmore
- **9.6** Wiley Park
- **9.7** Punchbowl
- **9.8** Bankstown

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8. TREE OBSERVATIONS

8.1 **Tree information:** Details of each individual tree assessed, including the observations taken during the site inspection, can be found in the tree inspection schedule in appendix 2, where the indicative tree protection zone (TPZ) and Structural Root Zone (SRZ) has been calculated for each of the subject trees. The TPZ and SRZ should be measured in radius from the centre of the trunk. Each of the subject trees have been awarded a retention value based on the observations using the Tree AZ method. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The Tree AZ categories sheet (Barrell Tree Consultancy) has been included in appendix 3 to assist with understanding the retention values. The retention value that has been allocated to the subject trees in this report is not definitive and should only be used as a guideline.

9. ASSESSMENT OF TREE IMPACTS BY AREA

9.1 The below tables include trees and other *vegetation* - refer to the notes column in Appendix 2 for classification. *Vegetation* has been identified at the discretion of Urban Arbor to meet the requirements of Condition of Approval E5 and includes shrubs and some exotic species but does not include small insignificant regrowth, weed species and grasses. Totals derived for replacement planting include trees only, as defined by the *NSW Government Planning & Environment, 12 December 2018, Condition of Approval – E5, SSI 8256*.

9.2 The trees and *vegetation* included in the following sections have been identified by John Holland Laing O'Rourke as being subject to impacts from development works. All trees to be retained should be protected in accordance with AS4970-2009, details of which are included in section 12. If there are any development works that have not been assessed and could potentially impact additional trees, the project arborist must assess the impact of the proposed works to the condition of the trees, determining the trees viability for retention.

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9.3 Marrickville

9.3.1 **Victoria Road/Riverdale:** No *vegetation*/tree removal or pruning is required within this area. Removal of insignificant weed species only.

Image 1: Victoria Road/Riverdale works area from JHLOR.

9.4 Hurlstone Park

9.4.1 **Hurlstone Park Station:** Tree 155 and 158 are located adjacent to the proposed track slab and the removal of the trees will be required to allow for the works. Multiple insignificant weed species will also require removal within this area. The following trees have been identified within this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
155	*Grevillea robusta*	5. Small/Young	Z1	2.0	12.6	1.8	Native	Low
158	*Pittosporum undulatum*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low

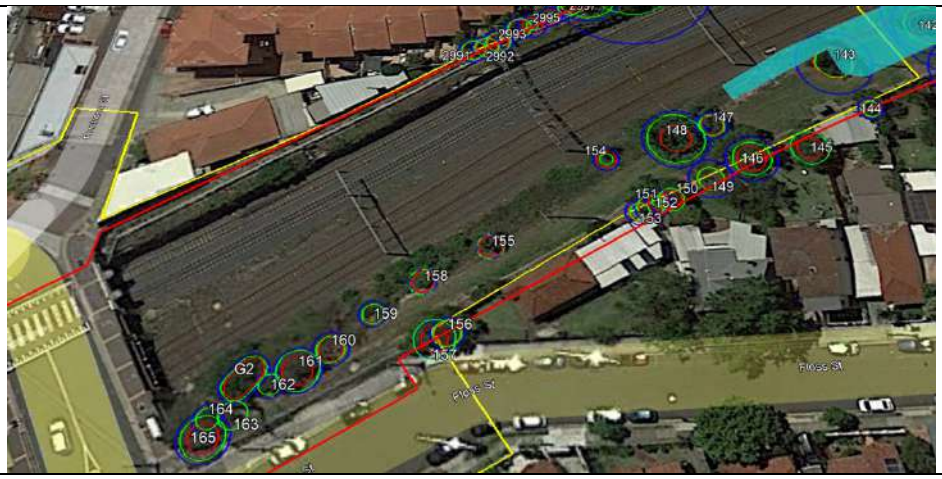

Image 2: Hurlstone Park Station works area from JHLOR.

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Image 3: Showing tree 155, recommended for removal due to development impacts from the proposed works area.

Image 4: Showing tree 158, recommended for removal due to development impacts from the proposed works area. Also showing insignificant weed species to the left of tree 158 to be removed to accommodate the proposed works area.

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Image 5: Showing insignificant weed species to be removed to accommodate the proposed works area.

Image 6: Showing insignificant weed species to be removed to accommodate the proposed works area.

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9.5 **Belmore**

9.5.1 **Elata Street:** No *vegetation/*tree removal or pruning is required within this area. Removal of insignificant weed species only.

Image 7: Elata Street works area from JHLOR.

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9.5.2 **Bridge Road:** The trees within this area are located adjacent to proposed laydown areas and canopy pruning will be required to allow for the works. The following trees have been identified within this area:

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
924	*Eucalyptus spp*	1. Long	A1	6.6	136.8	2.7	Native	High
927	*Lophostemon confertus*	2. Medium	A1	4.4	60.8	2.4	Native	Medium
929	*Eucalyptus scoparia*	2. Medium	Z3	3.2	32.2	2.2	Native	Medium
930	*Lophostemon confertus*	2. Medium	A1	5.9	109.4	2.6	Native	Medium
931	*Lophostemon confertus*	2. Medium	A1	5.0	78.5	2.4	Native	Medium

Image 8: Bridge Road works area from JHLOR (circled pink).

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Image 9: Looking towards tree 924, showing required canopy pruning. The 150mm primary branch to the North at 3.5m above ground is to be removed. The branch has been marked yellow and the final pruning cut has been marked red. The pruning will result in the removal of less than 10% of the overall live canopy.

Image 10: Looking towards tree 927, showing required canopy pruning (hatched yellow). The North side of the crown is to be raised by 4m to allow for the works. Final pruning cuts should not exceed 50mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

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Image 11: Looking towards tree 929, showing required canopy pruning (hatched yellow). The North side of the crown is to be raised by 4m to allow for the works. Final pruning cuts should not exceed 50mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

Image 12: Looking towards tree 930, showing required canopy pruning (hatched yellow). The North side of the crown is to be raised by 4m to allow for the works. Final pruning cuts should not exceed 50mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

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Image 13: Looking towards tree 931, showing required canopy pruning (hatched yellow). The North side of the crown is to be raised by 4m to allow for the works. Final pruning cuts should not exceed 50mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

9.5.3 **Belmore Carpark:** No *vegetation/*tree removal or pruning is required within this area. Removal of insignificant weed species only.

Image 14: Belmore carpark works area from JHLOR (circled pink).

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9.6 Wiley Park

9.6.1 **The Boulevard:** The trees within this area are located adjacent to proposed laydown areas and canopy pruning will be required to allow for the works. The following trees have been identified within this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1025	*Lophostemon confertus*	1. Long	A1	6.6	136.8	2.7	Native	High
1026	*Cinnamomum camphora*	1. Long	Z3	3.4	36.3	2.2	Exotic	Low

Image 15: The Boulevard works area from JHLOR

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Image 16: Looking towards tree 1025, showing required canopy pruning (hatched yellow). The North side of the crown is to be raised by 4m to allow for the works. Final pruning cuts should not exceed 70mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

Image 17: Looking towards tree 1026, showing required canopy pruning (hatched yellow). The North side of the crown is to be raised by 4m to allow for the works. Final pruning cuts should not exceed 50mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

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9.7 Punchbowl

9.7.1 **The Boulevard:** The trees within this area are located adjacent to proposed laydown areas and canopy pruning will be required to allow for the works. The following trees have been identified within this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1112	*Eucalyptus saligna*	1. Long	A1	6.2	120.8	2.9	Native	High
1116	*Lophostemon confertus*	1. Long	A1	4.4	60.8	2.6	Native	Medium

Image 18: The Boulevard works area from JHLOR

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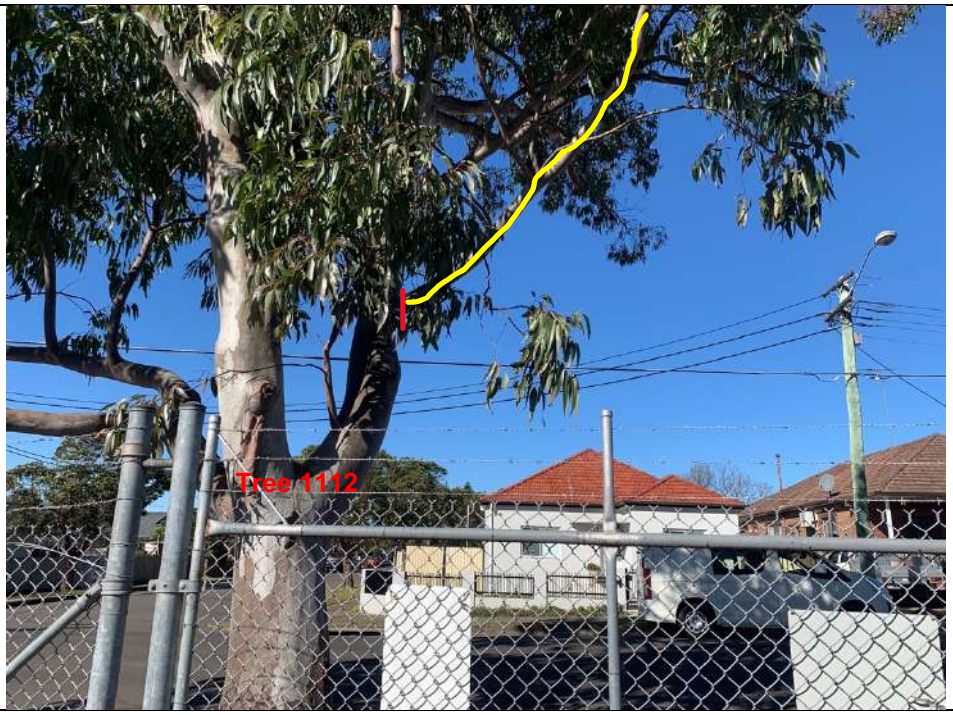

Image 19: Looking towards tree 1112, showing required canopy pruning. The 120mm second order branch to the West at 3m above ground is to be removed. The branch has been marked yellow and the final pruning cut has been marked red. The pruning will result in the removal of less than 5% of the overall live canopy.

Image 20: Looking towards tree 1016, showing required canopy pruning (hatched yellow). The North side of the crown is to be raised by 4m to allow for the works. Final pruning cuts should not exceed 50mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

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9.7.2 **Urunga Parade:** No *vegetation*/tree removal or pruning is required within this area. Removal of insignificant weed species only.

Image 21: Urunga Parade works area from JHLOR.

9.8 Bankstown

9.8.1 **South Terrace, Bankstown:** A combination of tree removal and canopy pruning will be required to accommodate the proposed construction. Tree 1493, 1494, 1496, 1497, 1498, 1499, 1500, 1504, 1506, 1513, 1514, 1516, 3524 and 3525 will be in conflict with the works area and are required to be removed. Tree 1525, 1526, 1527, 1528, 1529 and 1531 will require canopy pruning to allow for access to the works area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1493	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
1494	*Eucalyptus microcorys*	1. Long	A1	3.8	45.4	2.3	Native	Medium
1496	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.6	Native	Low
1497	*Eucalyptus microcorys*	1. Long	A1	3.6	40.7	2.5	Native	Medium
1498	*Eucalyptus moluccana*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low
1499	*Eucalyptus moluccana*	1. Long	A1	2.5	19.6	1.9	Native	Medium
1500	*Eucalyptus microcorys*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
1504	*Eucalyptus punctata*	1. Long	A1	3.6	40.7	2.1	Native	Medium
1506	*Eucalyptus punctata*	5. Small/Young	Z1	2.0	12.6	1.5	Native	Low

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Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1513	*Cinnamomum camphora*	4. Remove	Z4	7.2	162.9	2.8	Exotic	Low
1514	*Cinnamomum camphora*	5. Small/Young	Z4	6.6	136.8	2.6	Exotic	Low
1516	*Cinnamomum camphora*	4. Remove	Z4	6.0	113.1	2.6	Exotic	Low
1525	*Cinnamomum camphora*	3. Short	Z3	3.6	40.7	2.0	Exotic	Low
1526	*Cinnamomum camphora*	2. Medium	Z3	3.8	45.4	2.3	Exotic	Low
1527	*Cinnamomum camphora*	2. Medium	Z3	6.0	113.1	2.5	Exotic	Low
1528	*Cinnamomum camphora*	5. Small/Young	Z3	5.7	102.1	2.6	Exotic	Low
1529	*Cinnamomum camphora*	5. Small/Young	Z3	2.6	21.2	2.1	Exotic	Low
1531	*Melaleuca quinquenervia*	1. Long	A1	12.0	452.4	3.3	Native	High
3524	*Eucalyptus tereticornis*	5. Small/Young	Z1	2.0	12.6	1.7	Native	Low
3525	*Eucalyptus punctata*	5. Small/Young	Z1	2.0	12.6	1.8	Native	Low

Image 22: South Terrace works area from JHLOR.

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Image 23: Showing tree 1493 and 1494, recommended for removal due to development impacts from the proposed works area.

Image 24: Showing tree 1496, 1497, 1498, 1499 and 1500, recommended for removal due to development impacts from the proposed works area.

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Image 25: Showing tree 3524, recommended for removal due to development impacts from the proposed works area.

Image 26: Showing tree 1504, recommended for removal due to development impacts from the proposed works area.

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Image 27: Showing tree 1506 and 3525, recommended for removal due to development impacts from the proposed works area.

Image 28: Showing tree 1513, 1514 and 1516, recommended for removal due to development impacts from the proposed works area.

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Image 29: Looking towards tree 1525, 1526, 1527, 1528 and 1529, showing required canopy pruning (hatched yellow). The North side of the crown of each tree is to be reduced by 1m to allow for the works. Final pruning cuts should not exceed 100mm in diameter. The pruning will result in the removal of less than 10% of the overall live canopy.

Image 30: Looking towards tree 1531, showing required canopy pruning (hatched yellow). The North side of the crown is to be raised by 4m to allow for the works. Final pruning cuts should not exceed 100mm in diameter. The pruning will result in the removal of 15% of the overall live canopy.

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9.8.2 **North Terrace:** No *vegetation*/tree removal or pruning is required within this area. Removal of insignificant weed species only.

Image 31: North Terrace works area from JHLOR.

9.8.3 **Bankstown Station:** A combination of tree removal and canopy pruning will be required to accommodate the proposed construction. Tree 1647, 1656, 1671, 1675, 1677, 1678, 1679, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1696, 1697, 1699, 1700, 1701, 1704, 1705, 1706 and G31 will be in conflict with the works area and are required to be removed. Multiple insignificant weed species will also require removal within this area. Tree 1643 and 1676 will require canopy pruning to allow for access to the works area. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1643	*Platanus x hispanica*	1. Long	A1	3.6	40.7	2.2	Exotic	High
1647	*Platanus x hispanica*	1. Long	A1	3.1	30.2	2.1	Exotic	Medium
1656	*Pyrus ussuriensis*	5. Small/Young	Z1	2.0	12.6	1.5	Exotic	Low
1671	*Platanus x hispanica*	1. Long	A1	4.1	52.8	2.3	Exotic	Medium
1675	*Cinnamomum camphora*	5. Small/Young	Z3	3.6	40.7	2.0	Exotic	Low
1676	*Lophostemon confertus*	1. Long	A1	4.8	72.4	2.4	Exotic	High
1677	*Grevillea robusta*	4. Remove	Z5	2.9	26.4	1.9	Native	Medium
1678	*Celtis sinensis*	2. Medium	Z3	3.0	28.3	2.3	Exotic	Low
1679	*Celtis sinensis*	2. Medium	Z3	5.4	91.6	2.4	Exotic	Low
1682	*Lophostemon confertus*	2. Medium	A2	6.0	113.1	2.6	Native	High
1683	*Lophostemon confertus*	1. Long	A1	6.0	113.1	2.6	Native	High
1684	*Lophostemon confertus*	1. Long	A1	2.6	21.2	1.9	Native	Medium

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Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
1685	*Cinnamomum camphora*	2. Medium	Z3	6.0	113.1	2.6	Exotic	Low
1686	*Grevillea robusta*	3. Short	Z9	5.6	98.5	2.6	Native	Medium
1687	*Celtis sinensis*	3. Short	Z3	2.4	18.1	1.8	Exotic	Low
1688	*Celtis sinensis*	3. Short	Z3	3.6	40.7	2.1	Exotic	Low
1689	*Melaleuca quinquenervia*	2. Medium	A1	9.6	289.5	3.1	Native	High
1690	*Cinnamomum camphora*	4. Remove	Z5	4.2	55.4	2.5	Exotic	Low
1691	*Celtis sinensis*	3. Short	Z3	4.2	55.4	2.1	Exotic	Low
1692	*Celtis sinensis*	2. Medium	Z3	2.4	18.1	1.7	Exotic	Low
1693	*Celtis sinensis*	2. Medium	Z3	3.0	28.3	1.8	Exotic	Low
1694	*Pyrus spp*	2. Medium	Z1	4.9	75.4	2.5	Exotic	Low
1696	*Corymbia maculata*	5. Small/Young	Z1	2.5	19.6	2.1	Native	Low
1697	*Unknown spp*	2. Medium	A1	14.4	651.4	3.6	Exotic	Medium
1699	*Lophostemon confertus*	1. Long	A1	5.4	91.6	2.5	Native	High
1700	*Melaleuca linariifolia*	2. Medium	A2	4.0	50.3	2.2	Native	Medium
1701	*Lophostemon confertus*	1. Long	A1	4.3	58.1	2.3	Native	High
1704	*Ligustrum lucidum*	5. Small/Young	Z3	4.2	55.4	2.1	Native	Very Low
1705	*Lophostemon confertus*	1. Long	A1	4.4	60.8	2.4	Native	High
1706	*Angophora costata*	2. Medium	A1	4.3	58.1	2.3	Native	Medium
G31	*Mixed species*	5. Small/Young	Z1	2.0	12.6	1.7	Exotic	Low

Image 32: Bankstown Station works area from JHLOR.

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Image 33: Looking towards tree 1643, showing required canopy pruning (hatched yellow). The North side of the crown is to be reduced by 2m to allow for the works. Final pruning cuts should not exceed 50mm in diameter. The pruning will result in the removal of 15% of the overall live canopy.

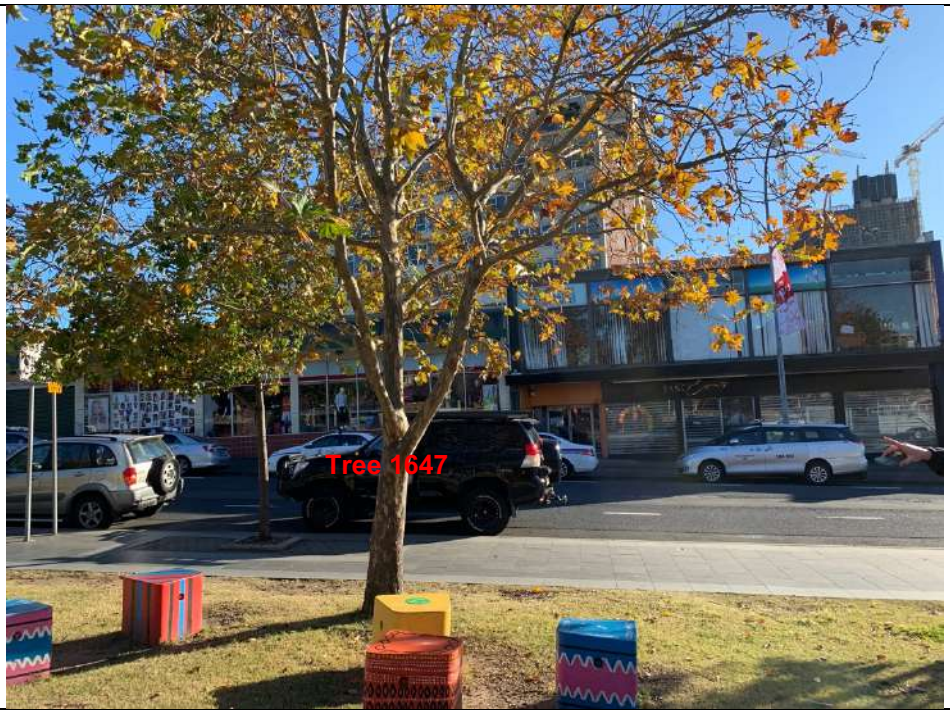

Image 34: Showing tree 1647, recommended for removal due to development impacts from the proposed works area.

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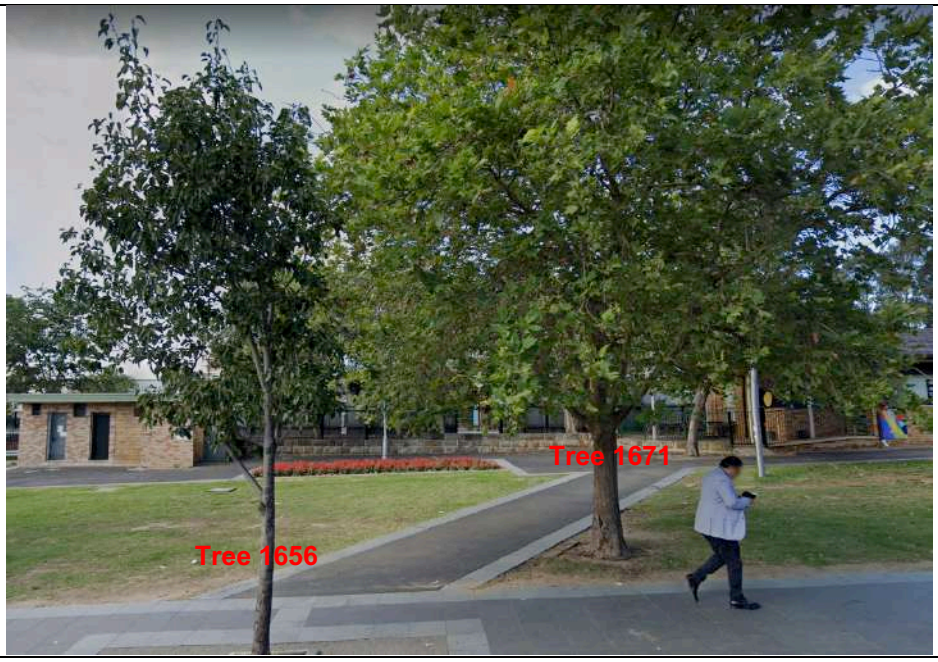

Image 35: Showing tree 1656 and 1671, recommended for removal due to development impacts from the proposed works area.

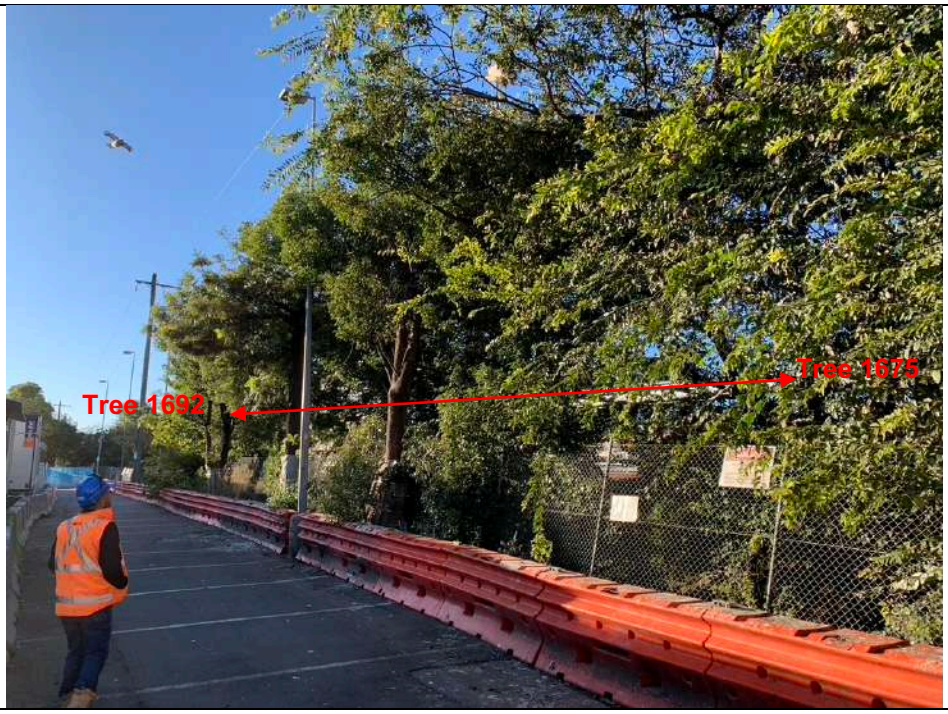

Image 36: Showing tree 1675, 1677, 1678, 1679, 1685, 1686, 1687, 1688, 1689, 1690, 1691 and 1692, recommended for removal due to development impacts from the proposed works area.

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Image 37: Looking towards tree 1676, showing required canopy pruning. The first order 200mm branch to the West at 2m is to be removed. The second order 30mm branch to the East at 4m is to be removed. The pruning will result in the removal of 15% of the overall live canopy.

Image 38: Showing tree 1682, recommended for removal due to development impacts from the proposed works area.

Image 39: Showing tree 1683, recommended for removal due to development impacts from the proposed works area.

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Image 40: Showing tree 1684, recommended for removal due to development impacts from the proposed works area.

Image 41: Showing tree 1696, recommended for removal due to development impacts from the proposed works area.

Image 42: Showing tree 1693, recommended for removal due to development impacts from the proposed works area.

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Image 43: Showing tree G31, recommended for removal due to development impacts from the proposed works area. G31 consists of 4 x *Celtis sinensis* and 1 x *Acacia saligna.*

Image 44: Showing tree 1694, recommended for removal due to development impacts from the proposed works area.

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Image 45: Showing tree 1697, recommended for removal due to development impacts from the proposed works area.

Image 46: Showing tree 1699, recommended for removal due to development impacts from the proposed works area.

Image 47: Showing tree 1700, recommended for removal due to development impacts from the proposed works area.

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Image 48: Showing tree 1701, recommended for removal due to development impacts from the proposed works area.

Image 49: Showing tree 1704, recommended for removal due to development impacts from the proposed works area.

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Image 50: Showing tree 1705, recommended for removal due to development impacts from the proposed works area.

Image 51: Showing tree 1706, recommended for removal due to development impacts from the proposed works area.

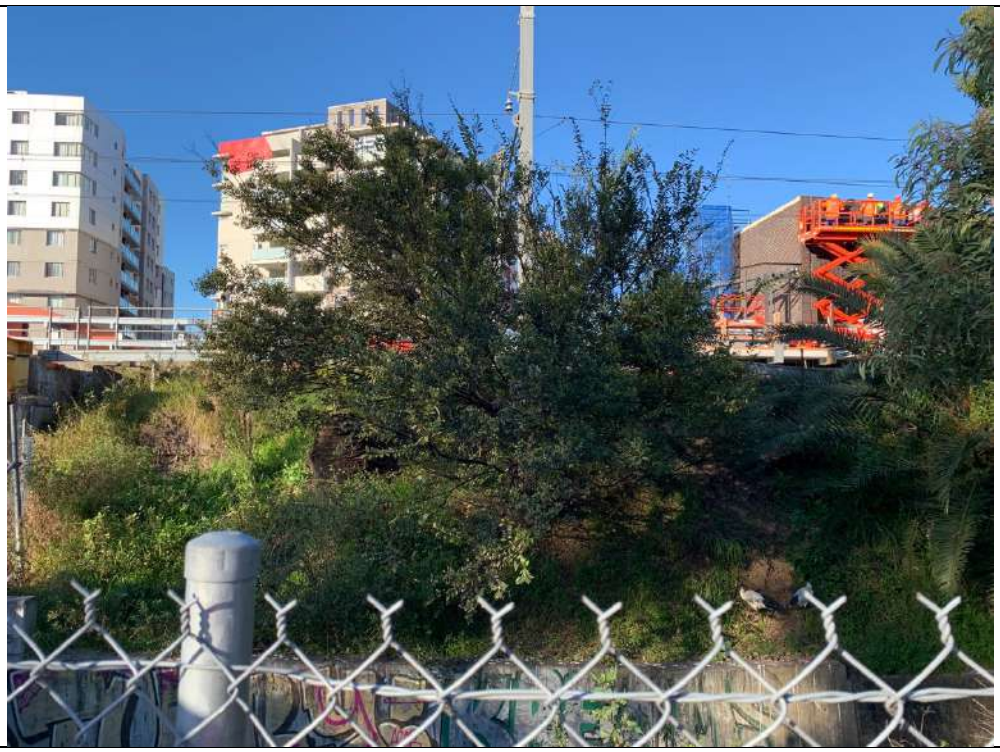

Image 52: Showing small weed species to be removed for the proposed works area.

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9.8.4 **Depot Place:** The trees located within this area will require canopy pruning to allow for vehicle access, including tree 3520, 3521, 3522, 3523. The following trees have been identified in this area;

Tree ID	Species	SULE	Retention Value	TPZ Radius (M)	TPZ Area (m^2)	SRZ Radius (m)	Native or Exotic Species	Amenity/ Visual Value
3520	*Cinnamomum camphora*	3. Short	Z10	3.4	36.3	2.0	Exotic	Medium
3521	*Cinnamomum camphora*	3. Short	Z10	4.7	69.4	2.5	Exotic	Medium
3522	*Cinnamomum camphora*	2. Medium	Z3	3.1	30.2	1.9	Exotic	Low
3523	*Melaleuca quinquenervia*	2. Medium	A2	6.0	113.1	2.6	Native	Medium

Image 53: Depot Place works area from JHLOR.

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Image 54: Looking towards tree 3520 and 3521, showing required pruning (hatched yellow). The South side of the canopy of each tree is to be raised to 4m. The finished cut diameters must not exceed 50mm. The pruning will result in the removal of less than 5% of the overall live canopy of each tree.

Image 55: Looking towards tree 3522, showing required pruning (hatched yellow). The South side of the canopy of each tree is to be raised to 4m. The finished cut diameters must not exceed 30mm. The pruning will result in the removal of less than 5% of the overall live canopy of each tree.

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Image 56: Looking towards tree 3523, showing required pruning (hatched yellow). The South side of the canopy of each tree is to be raised to 4m. The finished cut diameters must not exceed 30mm. The pruning will result in the removal of less than 5% of the overall live canopy of each tree.

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10. CONCLUSIONS

10.1 **Table 2:** Summary of the impact to trees by the development;

Impact	Reason	Category A	Category Z	TOTAL
		A	Z	
Trees recommended to be removed	Installation of services, construction works areas, vehicle access	1494, 1497, 1499, 1504, 1647, 1671, 1682, 1683, 1684, 1689, 1697, 1699, 1700, 1701, 1705, 1706 (16 trees)	155, 158, 1493, 1496, 1498, 1500, 1506, 1513, 1514, 1516, 1656, 1677, 1678, 1679, 1685, 1686, 1687, 1688, 1690, 1691, 1692, 1693, 1694, 1696, 1704, 3524, 3525, G31 (27 trees and 1 group)	**43 trees and one group of trees**
Trees recommended to be retained requiring canopy pruning	Clearance for construction works i.e. vehicle access, laydown areas etc.	924, 927, 930, 931, 1112, 1116, 1025, 1531, 1643, 1676, 3523 (11 trees)	929, 1026, 1525, 1526, 1527, 1528, 1529, 1675, 3520, 3521, 3522 (11 trees)	**22 trees**

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11. RECOMMENDATIONS

11.1 This report assesses the impact of a proposed development to sixty-five (65) trees and one (1) group of trees that are located at selected areas around the development site.

11.2 Forty-three (43) trees and one (1) group of trees have been recommended for removal to accommodate the development, including tree 155, 159, 1493, 1494, 1496, 1497, 1498, 1499, 1500, 1504, 1506, 1513, 1514, 1516, 1647, 1656, 1671, 1677, 1678, 1679, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1696, 1697, 1699, 1700, 1701, 1704, 1705, 1706, 3524, 3525 and G31. See Table 2 for recommended tree removal by retention values.

11.3 Twenty-two (22) trees have been identified for canopy pruning to provide clearance for proposed construction works, including tree 924, 927, 929, 930, 931, 1112, 1116, 1025, 1026, 1525, 1526, 1527, 1528, 1529, 1531, 1643, 1675, 1676, 3520, 3521, 3522 and 3523. Refer to section 9 for canopy pruning specifications. All pruning works must be completed in accordance with AS4373-2007 Pruning of Amenity Trees.

11.4 All trees that require canopy pruning can be retained in a viable condition. All trees to be retained must be protected in accordance with AS4970-2009, details of which are included in section 12 of this report.

11.5 Site plans with the construction locations marked are listed in section 1.2 of this report.

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12. TREE PROTECTION REQUIREMENTS

12.1 **Use of this report:** All contractors must be made aware of the tree protection requirements prior to commencing works at the site. This report and a copy of the site plans (Appendix 1) drawing must also be made available to any contractor prior to works commencing and during any on site operations.

12.2 **Project Arborist:** Prior to any works commencing at the site a project Arborist should be appointed. The project Arborist should be qualified to a minimum AQF level 5 and/or equivalent qualifications and experience and should assist with any development issues relating to trees that may arise. If at any time it is not feasible to carryout works in accordance with this, an alternative must be agreed in writing with the project Arborist.

12.3 **Tree work:** All tree work should be carried out by a qualified and experienced Arborist with a minimum of AQF level 3 in arboriculture, in accordance with NSW Work Cover Code of Practice for the Amenity Tree Industry (1998) and AS4373 Pruning of amenity trees (2007).

12.4 **Initial site meeting/on-going regular inspections:** The project Arborist is to hold a pre-construction site meeting with principal contractor to discuss methods and importance of tree protection measures and resolve any issues in relation to tree protection that may arise. In accordance with AS4970-2009, the project Arborist should carryout regular site inspections to ensure works are carried out in accordance with this document throughout the development process. Site inspections are recommended on a monthly frequency throughout the development.

12.5 **Site Specific Tree Protection Recommendations:** Site specific tree protection measures should be specified by the project Arborist during the initial site meeting, prior to development works. All development works that are within the TPZ of the trees to be retained should be discussed during this meeting and required tree protection measures agreed in writing.

12.6 **Tree Protection Specifications:** It is the responsibility of the principal contractor to install tree protection prior to works commencing at the site (prior to demolition works) and to ensure that the tree protection remains in adequate condition for the duration of the development. The tree protection must not be moved without prior agreement of the project Arborist. The project Arborist must inspect that the tree protection has been installed in accordance with this document and AS4970-2009 prior to works commencing.

12.6.1 Protective fencing: The protective fencing must be constructed from materials that complies with all other relevant standards for fencing and temporary structures within the rail corridor, i.e. bollards, flagging etc. The fencing should only be removed for the landscaping/soft works phase. Where it is not feasible to install fencing at the specified location due to factors such as restricting access to areas of the site or for constructing new structures, an alternative location should be specified and must be installed in accordance with AS4970-2009.

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12.6.2 TPZ signage: Tree protection signage is to be attached to the protective fencing, displayed in a prominent position and the sign repeated at 10 metres intervals or closer where the fence changes direction. Each sign shall contain in a clearly legible form, the following information:

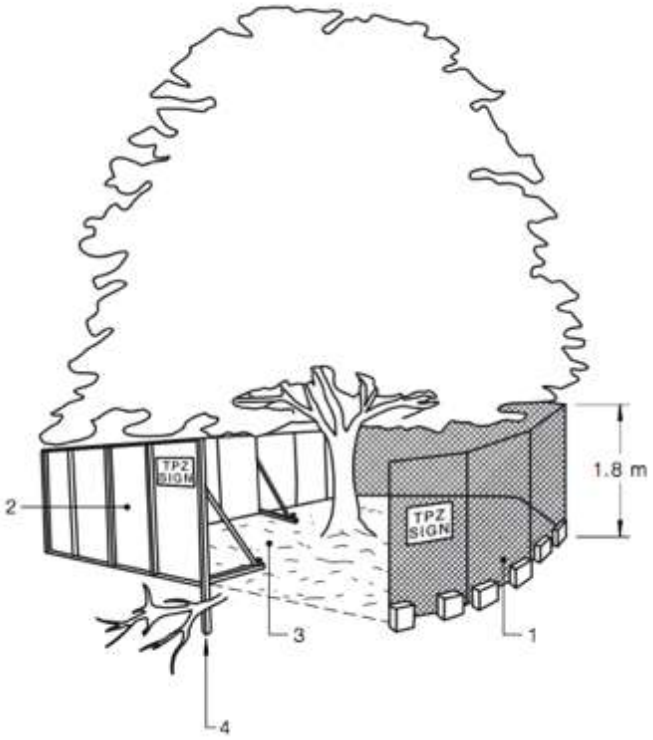
- Tree protection zone/No access.
- This fence has been installed to prevent damage to the tree/s and their growing environment both above and below ground. Do not move fencing or enter TPZ without the agreement of the project Arborist.
- The name, address, and telephone number of the developer/builder and project Arborist

12.6.3 Trunk and Branch Protection: The trunk must be protected by wrapped hessian or similar material to limit damage. Timber planks (50mm x 100mm or similar) should then be placed around tree trunk. The timber planks should be spaced at 100mm intervals and must be fixed against the trunk with tie wire or strapping and connections finished or covered to protect pedestrians from injury. The hessian and timber planks must not be fixed to the tree in any instance. The trunk and branch protection shall be installed prior to any work commencing on site and shall be maintained in good condition for the entire development period.

12.6.4 Mulch: Any areas of the TPZ located inside the subject site must be mulched to a depth of 75mm with good quality mulch. Mulch must not be built-up around the trunk the trees as it can cause collar rot.

12.6.5 Ground Protection: Ground protection is required to protect the underlying soil structure and root system in areas where it is not practical to restrict access to whole TPZ, while allowing space for construction. Ground protection must consist of good quality composted wood chip/leaf mulch to a depth of between 150-300mm, laid on top of geo textile fabric. If vehicles are to be using the area, additional protection will be required such as rumble boards or track mats to spread the weight of the vehicle and avoid load points. Ground protection is to be specified by the project Arborist as required.

12.6.6 Temporary irrigation: Temporary irrigation should distribute water evenly throughout the area of the TPZ. The irrigation should be used for at minimum one hour daily throughout all stages of the development.



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.

An image from AS4970-2009,[12] with example tree protection.

[12] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 16.

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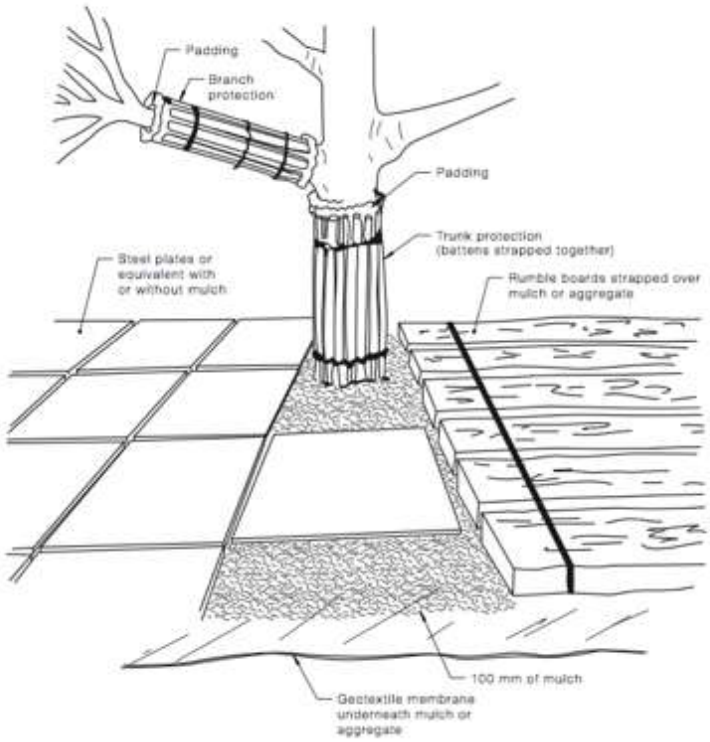

NOTES:

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.

An image from AS4970-2009,[13] with example tree protection.

12.7 **Restricted activities inside TPZ:** The following activities must be avoided inside the TPZ of all trees to be retained unless approved by the project Arborist. If at any time these activities cannot be avoided an alternative must be agreed in writing with the project Arborist to minimise the impact to the tree.

A) Machine excavation.
B) Ripping or cultivation of soil.
C) Storage of spoil, soil or any such materials
D) Preparation of chemicals, including preparation of cement products.
E) Refuelling.
F) Dumping of waste.
G) Wash down and cleaning of equipment.
H) Placement of fill.
I) Lighting of fires.
J) Soil level changes.
K) Any physical damage to the crown, trunk, or root system.
L) Parking of vehicles.

[13] Council Of Standards Australia, *AS4970 Protection of trees on development sites* (2009), page 17.

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12.8 **Demolition:** The demolition of all existing structures inside or directly adjacent to the TPZ of trees to be retained must be undertaken in consultation with the project Arborist. Any machinery is to work from inside the footprint of the existing structures or outside the TPZ, reaching in to minimise soil disturbance and compaction. If it is not feasible to locate demolition machinery outside the TPZ of trees to be retained, ground protection will be required. The demolition should be undertaken inwards into the footprint of the existing structures, sometimes referred to as the 'top down, pull back' method.

12.9 **Excavations:** The project Arborist must supervise and certify that all excavations and root pruning are in accordance with AS4373-2007 and AS4970-2009. For continuous strip footings, first manual excavation is required along the edge of the structures closest to the subject trees. Manual excavation should be a depth of 1 metre (or to unfavourable root growth conditions such as bed rock or heavy clay, if agreed by project Arborist). Next roots must be pruned back in accordance with AS4373-2007. After all root pruning is completed, machine excavation is permitted within the footprint of the structure. For tree sensitive footings, such as pier and beam, all excavations inside the TPZ must be manual. Manual excavation may include the use of pneumatic and hydraulic tools, high-pressure air or a combination of high-pressure water and a vacuum device. No pruning of roots greater 40mm in diameter is to be carried out without approval of the project arborist. All pruning of roots greater than 40mm in diameter must be carried out by a qualified Arborist/Horticulturalist with a minimum AQF level 3. Root pruning is to be a clean cut with a sharp tool in accordance with AS4373 Pruning of amenity trees (2007).[14] The tree root is to be pruned back to a branch root if possible. Make a clean cut and leave as small a wound as possible.

12.10 **Sediment and Contamination:** All contamination run off from the development such as but not limited to concrete, sediment and toxic wastes must be prevented from entering the TPZ at all times.

12.11 **Tree Wounding/Injury:** Any wounding or injury that occurs to a tree during the construction process will require the project Arborist to be contacted for an assessment of the injury and provide mitigation/remediation advice. It is generally accepted that trees may take many years to decline and eventually die from root damage. All repair work is to be carried out by the project Arborist, at the contractor's expense.

12.12 **Completion of Development Works:** After all construction works are complete the project Arborist should assess that the subject trees have been retained in the same condition and vigour. If changes to condition are identified the project Arborist should provide recommendations for remediation.

[14] Council Of Standards Australia, *AS 4373 Pruning of amenity trees* (2007) page 18

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13. CONSTRUCTION HOLD POINTS FOR TREE PROTECTION

13.1 **Hold Points:** Below is a sequence of hold points requiring project Arborist certification throughout the development process. It provides a list of hold points that must be checked and certified. All certification must be provided in written format upon completion of the development. The final certification must include details of any instructions for remediation undertaken during the development. The principal contractor should be responsible for implementing all tree protection requirements.

Hold Point	Stage	Date Completed and Signature of Project Arborist Responsible
Project Arborist to hold pre construction site meeting with principal contractor to discuss methods and importance of tree protection measures and resolve any issues in relation to feasibility of tree protection requirements that may arise. Project Arborist to mark all trees approved for removal.	Prior to development work commencing	
Project Arborist to assess and certify that tree protection has been installed in accordance with AS4970-2009 prior to works commencing at site.	Prior to development work commencing.	
In accordance with AS4970-2009 the project arborist should carryout regular site inspections to ensure works are carried out in accordance with the recommendations. Site inspection are recommended on a monthly frequency.	On-going throughout the development	
The removal of existing structures inside the TPZ of any tree to be retained, such as the existing buildings and hard surfaces, must be completed in consultation with the Project Arborist.	Demolition	
The Project Arborist must be consulted with for all manual excavations and root pruning inside the TPZ of any tree to be retained. Project Arborist to approve all pruning of roots greater than 40mm inside TPZ. All root pruning of roots greater than 40mm in diameter must be carried out by a qualified Arborist/Horticulturalist with a minimum AQF level 3.	Construction	
Project Arborist to certify that all underground services including storm water inside TPZ of any tree to be retained have been installed in accordance with AS4970-2009.	Construction	
Project Arborist to approve relocation of tree protection for landscaping. All landscaping works within the TPZ of trees to be retained are to be undertaken in consultation with the project Arborist to minimise the impact to trees.	Construction/ Landscape	
After all demolition, construction and landscaping works are complete the project Arborist should assess that the subject trees have been retained in the same condition and vigour. If changes to condition are identified the project Arborist should provide recommendations for remediation.	Upon completion of development	

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15. LIST OF APPENDICES

The following are included in the appendices:

- Appendix 2 - Tree inspection schedule
- Appendix 3 - Definition of Methodology

Bryce Claassens
Diploma of Arboriculture (AQF5)
Cert III Landscape Construction
Member Arboriculture Australia
Quantified Tree Risk Assessment (QTRA)
ISA Tree Risk Assessment Qualification (TRAQ)

Appendix 2 - Tree Inspection Schedule

Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
155	Silky Oak	*Grevillea robusta*	Semi-mature	7	2	100	110				149	220	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Located within corridor.	Remove
158	Sweet Pittosporum	*Pittosporum undulatum*	Semi-mature	5	2	150					150	180	Good	Fair	Low	5. Small/Young	Z1	2.0	1.6	Located within corridor. Growing on slope.	Remove
924	Eucalypt	*Eucalyptus spp*	Mature	15	6	550					550	620	Good	Good	High	1. Long	A1	6.6	2.7	Located within nature strip. Pruned for power line clearance.	Prune
927	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	180	320				367	460	Good	Fair	Medium	2. Medium	A1	4.4	2.4	Located within nature strip. Pruned for power line clearance.	Prune
929	Wallangarra White Gum	*Eucalyptus scoparia*	Mature	9	3	270					270	360	Good	Good	Medium	2. Medium	Z3	3.2	2.2	Located within nature strip. Pruned for power line clearance. Exempt species.	Prune
930	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	490					490	560	Good	Fair	Medium	2. Medium	A1	5.9	2.6	Located within nature strip. Pruned for power line clearance.	Prune
931	Queensland Brushbox	*Lophostemon confertus*	Mature	6	4	420					420	480	Good	Good	Medium	2. Medium	A1	5.0	2.4	Located within nature strip. Pruned for power line clearance.	Prune
1112	Sydney Blue Gum	*Eucalyptus saligna*	Mature	16	6	520					520	730	Good	Good	High	1. Long	A1	6.2	2.9	Located within nature strip.	Prune
1116	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	200	220	150	150		365	580	Good	Good	Medium	1. Long	A1	4.4	2.6	Located within corridor.	Prune
1025	Queensland Brushbox	*Lophostemon confertus*	Mature	10	4	550					550	640	Good	Good	High	1. Long	A1	6.6	2.7	Located within nature strip.	Prune
1026	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	6	3	200	200				283	380	Good	Good	Low	1. Long	Z3	3.4	2.2	Located within nature strip. Exempt species.	Prune
1493	Tallowood	*Eucalyptus microcorys*	Semi-mature	5	2	150					150	200	Good	Good	Low	5. Small/Young	Z1	2.0	1.7	Located adjacent to fence.	Remove
1494	Tallowood	*Eucalyptus microcorys*	Semi-mature	10	2	320					320	400	Good	Fair	Medium	1. Long	A1	3.8	2.3	Located directly adjacent to fence.	Remove
1496	Tallowood	*Eucalyptus microcorys*	Young	6	2	110					110	180	Good	Good	Low	5. Small/Young	Z1	2.0	1.6	None.	Remove
1497	Tallowood	*Eucalyptus microcorys*	Mature	11	3	200	220				297	500	Good	Fair	Medium	1. Long	A1	3.6	2.5	Located adjacent to fence.	Remove
1498	Grey Box	*Eucalyptus moluccana*	Young	6	1	100					100	120	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None	Remove
1499	Grey Box	*Eucalyptus moluccana*	Semi-mature	12	2	210					210	260	Good	Good	Medium	1. Long	A1	2.5	1.9	None.	Remove
1500	Tallowood	*Eucalyptus microcorys*	Semi-mature	6	2	160					160	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	None.	Remove
1504	Grey Gum	*Eucalyptus punctata*	Mature	8	3	190	230				298	350	Good	Good	Medium	1. Long	A1	3.6	2.1	Located directly adjacent to fence.	Remove
1506	Grey Gum	*Eucalyptus punctata*	Young	4	1	100					100	150	Good	Fair	Low	5. Small/Young	Z1	2.0	1.5	Asymmetric crown shape.	Remove
1513	Camphor Laurel	*Cinnamomum camphora*	Mature	9	5	600					600	680	Poor	Poor	Low	4. Remove	Z4	7.2	2.8	In advanced stages of decline. Exempt species.	Remove
1514	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	8	3	550					550	550	Poor	Poor	Low	5. Small/Young	Z4	6.6	2.6	In advanced stages of decline. Exempt species.	Remove
1516	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	500					500	550	Poor	Poor	Low	4. Remove	Z4	6.0	2.6	In advanced stages of decline. Exempt species.	Remove
1525	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Good	Fair	Low	3. Short	Z3	3.6	2.0	Located adjacent to fence. Exempt species.	Prune
1526	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	200	250				320	400	Good	Fair	Low	2. Medium	Z3	3.8	2.3	Located adjacent to fence. Exempt species.	Prune
1527	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	500	Good	Fair	Low	2. Medium	Z3	6.0	2.5	Located adjacent to fence. Exempt species.	Prune
1528	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	400	250				472	580	Good	Fair	Low	5. Small/Young	Z3	5.7	2.6	Located adjacent to fence. Exempt species.	Prune
1529	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	110	110	110	110		220	350	Good	Fair	Low	5. Small/Young	Z3	2.6	2.1	Located adjacent to fence. Exempt species.	Prune
1531	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	15	6	1000					1000	1000	Good	Good	High	1. Long	A1	12.0	3.3	Canopy extends into corridor.	Prune
1643	London Plane	*Platanus x hispanica*	Mature	9	3	300					300	360	Good	Good	High	1. Long	A1	3.6	2.2	None.	Prune
1647	London Plane	*Platanus x hispanica*	Semi-mature	9	3	260					260	350	Good	Good	Medium	1. Long	A1	3.1	2.1	None.	Remove
1656	Manchurian Pear	*Pyrus ussuriensis*	Semi-mature	5	1	120					120	150	Good	Good	Low	5. Small/Young	Z1	2.0	1.5	None.	Remove
1671	London Plane	*Platanus x hispanica*	Mature	9	4	340					340	400	Good	Good	Medium	1. Long	A1	4.1	2.3	None.	Remove
1675	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	5	2	300					300	300	Fair	Fair	Low	5. Small/Young	Z3	3.6	2.0	Exempt species. DBH estimated at base.	Prune
1676	Queensland Brushbox	*Lophostemon confertus*	Mature	9	4	400					400	450	Good	Good	High	1. Long	A1	4.8	2.4	None.	Prune
1677	Silky Oak	*Grevillea robusta*	Mature	6	2	240					240	280	Fair	Poor	Medium	4. Remove	Z5	2.9	1.9	Topped at 6m.	Remove
1678	Chinese Hackberry	*Celtis sinensis*	Mature	6	3	250					250	400	Good	Fair	Low	2. Medium	Z3	3.0	2.3	Exempt species. DBH estimated at base.	Remove
1679	Chinese Hackberry	*Celtis sinensis*	Mature	9	1	450					450	450	Fair	Fair	Low	2. Medium	Z3	5.4	2.4	Exempt species. DBH estimated at base.	Remove
1682	Queensland Brushbox	*Lophostemon confertus*	Mature	9	5	500					500	550	Fair	Good	High	2. Medium	A2	6.0	2.6	Low foliage density for species.	Remove

Appendix 2 - Tree Inspection Schedule

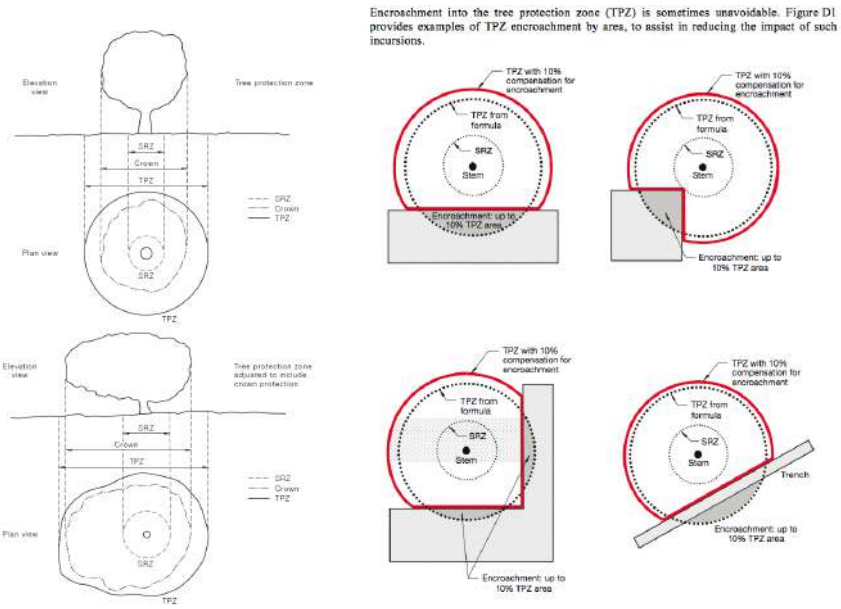
Tree ID	Common Name	Botanical Name	Age Class	Height (m)	Canopy Spread Radius (m)	Stem 1	Stem 2	Stem 3	Stem 4	Stem 5	DBH (mm)	DAB (mm)	Health	Structure	Amenity Value	SULE	Retention Value	TPZ Radius (m)	SRZ Radius (m)	Notes	Recommendations
1683	Queensland Brushbox	*Lophostemon confertus*	Mature	9	5	500					500	550	Good	Good	High	1. Long	A1	6.0	2.6	None.	Remove
1684	Queensland Brushbox	*Lophostemon confertus*	Semi-mature	8	2	220					220	260	Good	Good	Medium	1. Long	A1	2.6	1.9	None.	Remove
1685	Camphor Laurel	*Cinnamomum camphora*	Mature	6	3	500					500	550	Good	Fair	Low	2. Medium	Z3	6.0	2.6	Exempt species. DBH estimated at base.	Remove
1686	Silky Oak	*Grevillea robusta*	Mature	8	4	470					470	540	Good	Fair	Medium	3. Short	Z9	5.6	2.6	Topped.	Remove
1687	Chinese Hackberry	*Celtis sinensis*	Mature	8	2	200					200	250	Fair	Fair	Low	3. Short	Z3	2.4	1.8	Exempt species. DBH estimated at base.	Remove
1688	Chinese Hackberry	*Celtis sinensis*	Mature	9	3	300					300	350	Fair	Fair	Low	3. Short	Z3	3.6	2.1	Exempt species. DBH estimated at base.	Remove
1689	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	10	6	800					800	850	Good	Fair	High	2. Medium	A1	9.6	3.1	DBH estimated.	Remove
1690	Camphor Laurel	*Cinnamomum camphora*	Mature	6	4	260	240				354	500	Good	Poor	Low	4. Remove	Z5	4.2	2.5	Topped. Exempt species.	Remove
1691	Chinese Hackberry	*Celtis sinensis*	Mature	8	2	350					350	350	Fair	Fair	Low	3. Short	Z3	4.2	2.1	Exempt species. DBH estimated at base.	Remove
1692	Chinese Hackberry	*Celtis sinensis*	Semi-mature	7	2	200					200	200	Good	Fair	Low	2. Medium	Z3	2.4	1.7	Exempt species. DBH estimated at base.	Remove
1693	Chinese Hackberry	*Celtis sinensis*	Semi-mature	8	2	250					250	250	Good	Fair	Low	2. Medium	Z3	3.0	1.8	Exempt species. DBH estimated at base.	Remove
1694	Pear Species	*Pyrus spp*	Mature	5	3	300	200	120	150		409	500	Good	Fair	Low	2. Medium	Z1	4.9	2.5	None.	Remove
1696	Spotted Gum	*Corymbia maculata*	Semi-mature	6	2	150	150				212	350	Good	Fair	Low	5. Small/Young	Z1	2.5	2.1	Co-dominant stems at base.	Remove
1697	Unknown	*Unknown spp*	Mature	8	9	1200					1200	1200	Good	Fair	Medium	2. Medium	A1	14.4	3.6	DBH estimated at base.	Remove
1699	Queensland Brushbox	*Lophostemon confertus*	Mature	10	5	450					450	490	Good	Good	High	1. Long	A1	5.4	2.5	None.	Remove
1700	Snow In Summer	*Melaleuca linarifolia*	Mature	8	3	330					330	390	Fair	Good	Medium	2. Medium	A2	4.0	2.2	Low foliage density for species.	Remove
1701	Queensland Brushbox	*Lophostemon confertus*	Mature	8	4	360					360	440	Good	Good	High	1. Long	A1	4.3	2.3	None.	Remove
1704	Broad Leaved Privet	*Ligustrum lucidum*	Semi-mature	5	2	350					350	350	Good	Fair	Very Low	5. Small/Young	Z3	4.2	2.1	Exempt species. DBH estimated at base.	Remove
1705	Queensland Brushbox	*Lophostemon confertus*	Mature	7	4	370					370	480	Good	Good	High	1. Long	A1	4.4	2.4	None.	Remove
1706	Smooth Barked Apple	*Angophora costata*	Mature	9	4	360					360	400	Good	Fair	Medium	2. Medium	A1	4.3	2.3	None.	Remove
3520	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	14	4	280					280	300	Good	Fair	Medium	3. Short	Z10	3.4	2.0	Pruning	Prune
3521	Camphor Laurel	*Cinnamomum camphora*	Mature	15	5	360	160				394	500	Good	Fair	Medium	3. Short	Z10	4.7	2.5	Pruning	Prune
3522	Camphor Laurel	*Cinnamomum camphora*	Semi-mature	10	4	260					260	280	Good	Good	Low	2. Medium	Z3	3.1	1.9	Pruning	Prune
3523	Broad Leaved Paperbark	*Melaleuca quinquenervia*	Mature	8	5	500					500	550	Good	Fair	Medium	2. Medium	A2	6.0	2.6	Pruning. Previously lopped.	Prune
3524	Forest Red Gum	*Eucalyptus tereticornis*	Young	4	2	100	50				112	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Remove. Growing through fence.	Remove
3525	Grey Gum	*Eucalyptus punctata*	Young	4	1	100	100				141	250	Good	Fair	Low	5. Small/Young	Z1	2.0	1.8	Remove. Regrowth from stump.	Remove
G31	Mixed Species Group	*Mixed species*	Semi-mature	8	2	170					170	200	Good	Fair	Low	5. Small/Young	Z1	2.0	1.7	Group of 4 x Celtis sinensis and 1 x Acacia saligna. Rail corridor. Opposite side of culvert.	Remove

Explanatory Notes

Tree Species - Common name followed by botanical name. Where species is unknown it is indicated with an *'spp'*.
Age Class - Over mature (OM), Mature (M), Early mature (EM), Semi mature (SM), Young (Y).
Diameter at Breast Height (DBH) - Measured with a DBH tape or estimated at approximately 1.4m above ground level.
Diameter Above root Buttresses (DAB): Measured with a DBH tape or estimated above root buttresses (DAB) for calculating the SRZ.
Height - Height from ground level to top of crown. All heights are estimated unless otherwise indicated.
Spread - Radius of crown at widest section. All tree spreads are estimated unless otherwise indicated.
Tree Protection Zone (TPZ) - DBH x 12. Measured in radius from the centre of the trunk. Rounded to nearest 0.1m. For monocots, the TPZ is set at 1 metre outside the crown projection.
Structural Root Zone (SRZ) - $(DAB \times 50)^{0.42} \times 0.64$. Measured in radius from the centre of the trunk. Rounded up to nearest 0.1m.
Health - Good/Fair/Poor/Dead
Structure - Good/Fair/Poor
Safe Useful Life Expectancy (SULE) - 1. Long (40+years), 2. Medium (15 - 40 years), 3. Short (5 - 15 years), 4. Remove (under 5 years), 5. Small/young.
Amenity Value - Very High/High/Medium/Low/Very Low.
Retention Value: Tree AZ, see appendix 3 for categories.
Recommendations: Retain, Prune, Remove. See report for detailed information.

Appendix 3 - Further Information of Methodology

1. **Tree Protection Zone:** The tree protection zone (TPZ) is the principle means of protecting trees on development sites. The TPZ is a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance, so that the tree remains viable. The radius of the TPZ is calculated for each tree by multiplying its DBH x 12. The derived value is measured in radius from the centre of the stem/trunk at ground level. A TPZ should not be less than 2.0 metres nor greater than 15 metres (except where crown protection is required).
   It is commonly observed that tree roots will extend significant further than the indicative TPZ, however the TPZ is an area identified AS4970-2009 to be extent where root loss or disturbance will generally not impact the viability of the tree. The TPZ is identified as a restricted area to prevent damage to trees either above or below ground during a development. Where trees are intended to be retained proposed developments must provide an adequate TPZ around trees. The TPZ is set aside for the tree's root zone, trunk and crown and it is essential for the stability and longevity of the tree. The tree protection also incorporates the SRZ (see below for more information about the SRZ). I have calculated the TPZ of palms, other monocots, cycads and tree ferns at one metre outside the crown projection. See appendices for additional information about the TPZ including information about calculating the TPZ and examples of TPZ encroachment.
   Minor encroachment into TPZ: Sometimes encroachment into the TPZ is unavoidable. Encroachment includes but is not limited to activities such as excavation, compacted fill and machine trenching. Minor encroachment of up to 10% of the overall TPZ area is normally considered acceptable, providing there is space adjacent to the TPZ for the tree to compensate and the tree is displaying adequate vigour/health to tolerate changes to its growing environment.
   Major encroachment into TPZ: Where encroachment of more than 10% of the overall TPZ area is proposed the project Arborist must investigate and demonstrate that the tree will remain in a viable condition. In some cases, tree sensitive construction methods such as pier and beam footings, suspended slabs, or cantilevered sections, can be utilised to allow additional encroachment into the TPZ by bridging over roots and minimising root disturbance. Major encroachment is only possible if it can be undertaken without severing significant size roots, or if it can be demonstrated that significant roots will not be impacted.



2. **Structural Root Zone:** This is the area around the base of a tree required for the trees stability in the ground. An area larger than the SRZ always need to be maintained to preserve a viable tree as it will only have a minor effect on the trees vigour and health. There are several factors that determine the SRZ which include height, crown area, soil type and soil moisture. It can also be influenced by other factors such as natural or built structures. Generally work within the SRZ should be avoided.
   An indicative SRZ radius can be determined from the diameter of the trunk measured immediately above the root buttresses. Root investigation could provide more information about the extent of the SRZ. The following formula should be used to calculate the SRZ.
   SRZ radius = $(D \times 50)^{0.42} \times 0.64$ (D = Diameter above root buttress).

3. **Tree Age Class:** If can be difficult to determine the age of a tree without carrying out invasive tests that may damage the tree, so we have categorised there likely age class which is defined below;
   - Young/Newly planted: Young or recently planted tree.
   - Semi Mature: Up to 20% of the usual life expectancy for the species.
   - Early mature/Mature: Between 20%-80% of the usual life expectancy for the species.
   - Over mature: Over 80% of the usual life expectancy for the species.
   - Dead: Tree is dead or almost dead.

4. **Health/Physiological Condition:** Below are examples conditions used when assigning a category for tree health.

Category	Example condition	Summary
Good	• Crown has good foliage density for species. • Tree shows no or minimal signs of pathogens that are unlikely to have an effect on the health of the tree. • Tree is displaying good vigour and reactive growth development.	• The tree is in above average health and condition and no remedial works are required.
Fair	• The tree may be starting to dieback or have over 25% deadwood. • Tree may have slightly reduced crown density or thinning. • There may be some discolouration of foliage. • Average reactive growth development. • There may be early signs of pathogens which may further deteriorate the health of the tree. • There may be epicormic growth indicating increased levels of stress within the tree.	• The tree is in below average health and condition and may require remedial works to improve the trees health.
Poor	• The may be in decline, have extensive dieback or have over 30% deadwood. • The canopy may be sparse or the leaves may be unusually small for species. • Pathogens or pests are having a significant detrimental effect on the tree health.	• The tree is displaying low levels of health and removal or remedial works may be required.
Dead	• The tree is dead or almost dead.	• The tree should generally be removed.

5. **Structural Condition:** Below are examples conditions used when assigning a category for structural condition.

Category	Example condition	Summary
Good	• Branch unions appear to be strong with no sign of defects. • There are no significant cavities. • The tree is unlikely to fail in usual conditions. • The tree has a balanced crown shape and form.	• The tree is considered structurally good with well developed form.
Fair	• The tree may have minor structural defects within the structure of the crown that could potentially develop into more significant defects. • The tree may a cavity that is currently unlikely to fail but may deteriorate in the future. • The tree is an unbalanced shape or leans significantly. • The tree may have minor damage to its roots. • The root plate may have moved in the past but the tree has now compensated for this. • Branches may be rubbing or crossing.	• The identified defects are unlikely cause major failure. • Some branch failure may occur in usual conditions. • Remedial works can be undertaken to alleviate potential defects.
Poor	• The tree has significant structural defects. • Branch unions may be poor or weak. • The tree may have a cavity or cavities with excessive levels of decay that could cause catastrophic failure. • The tree may have root damage or is displaying signs of recent movement. • The tree crown may have poor weight distribution which could cause failure.	• The identified defects are likely to cause either partial or whole failure of the tree.

6. **Amenity Value:** To determine the amenity value of a tree we assess a number of different factors, which include but are not limited to the information below.
   - The visibility of the tree to adjacent sites.
   - The relationship between the tree and the site.
   - Whether the tree is protected by any statuary conditions.
   - The habitat value of the tree.
   - Whether the tree is considered a noxious weed species.

   The amenity value is rated using one of the following values.
   - Very High
   - High
   - Moderate
   - Low
   - Very Low

7. **Safe Useful Life Expectancy (SULE), (Barrel, 2001):** A trees safe useful life expectancy is determined by assessing a number of different factors including the health and vitality, estimated age in relation to expected life expectancy for the species, structural defects, and remedial works that could allow retention in the existing situation.

Category	Description
1. Long - Over 40 years	(a) Structurally sound trees located in positions that can accommodate future growth. (b) Trees that could be made suitable for retention in the long term by remedial tree care. (c) Trees of special significance for historical, commemorative or rarity reasons that would warrant extraordinary efforts to secure their long term retention.
2. Medium - 15 to 40 years	(a) Trees that may only live between 15 and 40 more years. (b) Trees that could live for more than 40 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 40 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that could be made suitable for retention in the medium term by remedial tree care.
3. Short - 5 to 15 years	(a) Trees that may only live between 5 and 15 more years. (b) Trees that could live for more than 15 years but may be removed for safety or nuisance reasons. (c) Trees that could live for more than 15 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (d) Trees that require substantial remedial tree care and are only suitable for retention in the short term.
4. Remove - Under 5 years	(a) Dead, dying, suppressed or declining trees because of disease or inhospitable conditions. (b) Dangerous trees because of instability or recent loss of adjacent trees. (c) Dangerous trees because of structural defects including cavities, decay, included bark, wounds or poor form. (d) Damaged trees that are clearly not safe to retain. (e) Trees that could live for more than 5 years but may be removed to prevent interference with more suitable individuals or to provide space for new planting. (f) Trees that are damaging or may cause damage to existing structures within 5 years. (g) Trees that will become dangerous after removal of other trees for the reasons given in (a) to (f). (h) Trees in categories (a) to (g) that have a high wildlife habitat value and, with appropriate treatment, could be retained subject to regular review.
5. Small/Young	(a) Small trees less than 5m in height. (b) Young trees less than 15 years old but over 5m in height. (c) Formal hedges and trees intended for regular pruning to artificially control growth.

8. **Root investigations:** The root investigations should identify roots greater than 30mm in diameter that are located along the edge of the structures footprint or in the location of footings. Root investigations must be carried out using non-invasive methods (manual excavations). Any excavations for the root investigations must carried out manually to avoid damaging the roots during excavations. Manual excavation may include the use of a high-pressure air/air knife, or a combination of high-pressure water and a vacuum device. When hand excavating carefully work around roots retaining as many as possible. Take care to not fray, wound, or cause damage to any roots during excavations as this may cause decay or infection from pathogens. It is essential that exposed roots are kept moist and the excavation back filled as soon as possible. The root investigations should be carried out by a qualified Arborist minimum AQF3. Once roots are exposed, a visual assessment can be carried out by a consulting Arborist to evaluate the potential impact of the proposed root loss on the health and stability of the tree. A root map/report should be prepared identifying the findings of investigations, including photographs as supporting evidence in the report.

9. **Retention Value:** The system I have used to award the retention value is Tree AZ. Tree AZ is used to identify higher value trees worthy of being a constraint to development and lower value trees that should generally not be a constraint to the development. The table below provides a brief description of each category.

TreeAZ Categories (Version 10.04-ANZ)

CAUTION: TreeAZ assessments must be carried out by a competent person qualified and experienced in arboriculture. The following category descriptions are designed to be a brief field reference and are not intended to be self-explanatory. They must be read in conjunction with the most current explanations published at www.TreeAZ.com.

Category Z: Unimportant trees not worthy of being a material constraint

Local policy exemptions: Trees that are unsuitable for legal protection for local policy reasons including size, proximity and species	
Z1	Young or insignificant small trees, i.e. below the local size threshold for legal protection, etc
Z2	Too close to a building, i.e. exempt from legal protection because of proximity, etc
Z3	Species that cannot be protected for other reasons, i.e. scheduled noxious weeds, out of character in a setting of acknowledged importance, etc
High risk of death or failure: Trees that are likely to be removed within 10 years because of acute health issues or severe structural failure	
Z4	Dead, dying, diseased or declining
Z5	Severe damage and/or structural defects where a high risk of failure cannot be satisfactorily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, overgrown and vulnerable to adverse weather conditions, etc
Z6	Instability, i.e. poor anchorage, increased exposure, etc
Excessive nuisance: Trees that are likely to be removed within 10 years because of unacceptable impact on people	
Z7	Excessive, severe and intolerable inconvenience to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. dominance, debris, interference, etc
Z8	Excessive, severe and intolerable damage to property to the extent that a locally recognized court or tribunal would be likely to authorize removal, i.e. severe structural damage to surfacing and buildings, etc
Good management: Trees that are likely to be removed within 10 years through responsible management of the tree population	
Z9	Severe damage and/or structural defects where a high risk of failure can be temporarily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, vulnerable to adverse weather conditions, etc
Z10	Poor condition or location with a low potential for recovery or improvement, i.e. dominated by adjacent trees or buildings, poor architectural framework, etc
Z11	Removal would benefit better adjacent trees, i.e. relieve physical interference, suppression, etc
Z12	Unacceptably expensive to retain, i.e. severe defects requiring excessive levels of maintenance, etc

NOTE: Z trees with a high risk of death/failure (Z4, Z5 & Z6) or causing severe inconvenience (Z7 & Z8) at the time of assessment and need an urgent risk assessment can be designated as ZZ. ZZ trees are likely to be unsuitable for retention and at the bottom of the categorization hierarchy. In contrast, although Z trees are not worthy of influencing new designs, urgent removal is not essential and they could be retained in the short term, if appropriate.

Category A: Important trees suitable for retention for more than 10 years and worthy of being a material constraint

A1	No significant defects and could be retained with minimal remedial care
A2	Minor defects that could be addressed by remedial care and/or work to adjacent trees
A3	Special significance for historical, cultural, commemorative or rarity reasons that would warrant extraordinary efforts to retain for more than 10 years
A4	Trees that may be worthy of legal protection for ecological reasons (Advisory requiring specialist assessment)

NOTE: Category A1 trees that are already large and exceptional, or have the potential to become so with minimal maintenance, can be designated as AA at the discretion of the assessor. Although all A and AA trees are sufficiently important to be material constraints, AA trees are at the top of the categorization hierarchy and should be given the most weight in any selection process.

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URBAN ARBOR
The Trusted Name in Tree Management

Glossary of Terms

Abiotic - Pertaining to non-living agents; e.g. environmental factors

Adventitious shoots - Shoots that develop other than from apical, axillary or dormant buds; see also 'epicormic'

Anchorage - The system whereby a tree is fixed within the soil, involving cohesion between roots and soil and the development of a branched system of roots which withstands wind and gravitational forces transmitted from the aerial parts of the tree

Bark - A term usually applied to all the tissues of a woody plant lying outside the vascular cambium, thus including the phloem, cortex and periderm; occasionally applied only to the periderm or the phellem

Branch:
• **Primary**. A first order branch arising from a stem
• **Lateral**. A second order branch, subordinate to a primary branch or stem and bearing sub-lateral branches
• **Sub-lateral**. A third order branch, subordinate to a lateral or primary branch, or stem and usually bearing only twigs

Branch collar - A visible swelling formed at the base of a branch whose diameter growth has been disproportionately slow compared to that of the parent stem; a term sometimes applied also to the pattern of growth of the cells of the parent stem around the branch base

Brown-rot - A type of wood decay in which cellulose is degraded, while lignin is only modified

Buckling - An irreversible deformation of a structure subjected to a bending load

Buttress zone - The region at the base of a tree where the major lateral roots join the stem, with buttress-like formations on the upper side of the junctions

Cambium - Layer of dividing cells producing xylem (woody) tissue internally and phloem (bark) tissue externally

Canker - A persistent lesion formed by the death of bark and cambium due to colonisation by fungi or bacteria

Compartmentalisation - The confinement of disease, decay or other dysfunction within an anatomically discrete region of plant tissue, due to passive and/or active defences operating at the boundaries of the affected region

Compressive loading - Mechanical loading which exerts a positive pressure; the opposite to tensile loading

Condition - An indication of the physiological condition of the tree. Where the term 'condition' is used in a report, it should not be taken as an indication of the stability of the tree

Crown/Canopy - The main foliage bearing section of the tree

Crown lifting - The removal of limbs and small branches to a specified height above ground level

Crown thinning - The removal of a proportion of secondary branch growth throughout the crown to produce an even density of foliage around a well-balanced branch structure

Crown reduction/shaping - A specified reduction in crown size whilst preserving, as far as possible, the natural tree shape

DAB (Diameter Above Buttress) - Trunk diameter measured above the root buttress

Defect - In relation to tree hazards, any feature of a tree which detracts from the uniform distribution of mechanical stress, or which makes the tree mechanically unsuited to its environment

Dieback - The death of parts of a woody plant, starting at shoot-tips or root-tips

Disease - A malfunction in or destruction of tissues within a living organism, usually excluding mechanical damage; in trees, usually caused by pathogenic micro-organisms

Dominance - In trees, the tendency for a leading shoot to grow faster or more vigorously than the lateral shoots; also the tendency of a tree to maintain a taller crown than its neighbours

Dormant bud - An axial bud which does not develop into a shoot until after the formation of two or more annual wood increments; many such buds persist through the life of a tree and develop only if stimulated to do so

Dysfunction - In woody tissues, the loss of physiological function, especially water conduction, in sapwood

DBH (Diameter at Breast Height) - Stem diameter measured at a height of 1.4 metres or the nearest measurable point. Where measurement at a height of 1.4 metres is not possible, another height may be specified

Deadwood - Branch or stem wood bearing no live tissues. Retention of deadwood provides valuable habitat for a wide range of species and seldom represents a threat to the health of the tree. Removal of deadwood can result in the ingress of decay to otherwise sound tissues and climbing operations to access deadwood can cause significant damage to a tree. Removal of deadwood is generally recommended only where it represents an unacceptable level of hazard

Epicormic shoot - A shoot having developed from a dormant or adventitious bud and not having developed from a first year shoot

Flush-cut - A pruning cut which removes part of the branch bark ridge and or branch-collar

Girdling root - A root which circles and constricts the stem or roots possibly causing death of phloem and/or cambial tissue

Habit - The overall growth characteristics, shape of the tree and branch structure

Hazard beam - An upwardly curved part of a tree in which strong internal stresses may occur without being reduced by adaptive growth; prone to longitudinal splitting

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

Heartwood/false-heartwood - The dead central wood that has become dysfunctional as part of the aging processes and being distinct from the sapwood

Heave - A term mainly applicable to a shrinkable clay soil which expands due to re-wetting after the felling of a tree which was previously extracting moisture from the deeper layers; also the lifting of pavements and other structures by root diameter expansion; also the lifting of one side of a wind-rocked root-plate

Included bark (ingrown bark) - Bark of adjacent parts of a tree (usually forks, acutely joined branches or basal flutes) which is in face-to-face contact

Lever arm - A mechanical term denoting the length of the lever represented by a structure that is free to move at one end, such as a tree or an individual branch

Lignin - The hard, cement-like constituent of wood cells; deposition of lignin within the matrix of cellulose microfibrils in the cell wall is termed Lignification

Lions tailing - A term applied to a branch of a tree that has few if any side-branches except at its end, and is thus liable to snap due to end- loading

Loading - A mechanical term describing the force acting on a structure from a particular source; e.g. the weight of the structure itself or wind pressure

Mycelium - The body of a fungus, consisting of branched filaments (hyphae)

Occlusion - The process whereby a wound is progressively closed by the formation of new wood and bark around it

Pathogen - A micro-organism which causes disease in another organism

Photosynthesis - The process whereby plants use light energy to split hydrogen from water molecules, and combine it with carbon dioxide to form the molecular building blocks for synthesizing carbohydrates and other biochemical products

Probability - A statistical measure of the likelihood that a particular event might occur

Pruning - The removal or cutting back of twigs or branches, sometimes applied to twigs or small branches only, but often used to describe most activities involving the cutting of trees or shrubs

Radial - In the plane or direction of the radius of a circular object such as a tree stem

Reactive Growth/Reaction Wood - Production of woody tissue in response to altered mechanical loading; often in response to internal defect or decay and associated strength loss (cf. adaptive growth)

Ring-barking - The removal of a ring of bark and phloem around the circumference of a stem or branch, normally resulting in an inability to transport photosynthetic assimilates below the area of damage. Almost inevitably results in the eventual death of the affected stem or branch above the damage

Root-collar - The transitional area between the stem/s and roots

Sapwood - Living xylem tissues

Soft-rot - A kind of wood decay in which a fungus degrades cellulose within the cell walls, without any general degradation of the wall as a whole

Stem/s - Principle above-ground structural component(s) of a tree that supports its branches

Stress - In plant physiology, a condition under which one or more physiological functions are not operating within their optimum range, for example due to lack of water, inadequate nutrition or extremes of temperature

SRZ (Structural Root Zone) - The area around the base of the tree required for the trees stability in the ground

Subsidence - In relation to soil or structures resting in or on soil, a sinking due to shrinkage when certain types of clay soil dry out, sometimes due to extraction of moisture by tree roots

Taper - In stems and branches, the degree of change in girth along a given length

Targets - In tree risk assessment (with slight misuse of normal meaning) persons or property or other things of value which might be harmed by mechanical failure of the tree or by objects falling from it

Topping - In arboriculture, the removal of the crown of a tree, or of a major proportion of it

Transpiration - The evaporation of moisture from the surface of a plant, especially via the stomata of leaves; it exerts a suction which draws water up from the roots and through the intervening xylem cells

TPZ (Tree Protection Zone) - 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

Understory - This layer consists of younger individuals of the dominant trees, together with smaller trees and shrubs which are adapted to grow under lower light conditions

Veteran tree - Tree that, by recognised criteria, shows features of biological, cultural or aesthetic value that are characteristic of, but not exclusive to, individuals surviving beyond the typical age range for the species concerned. These characteristics might typically include a large girth, signs of crown retrenchment and hollowing of the stem

Vigour - The expression of carbohydrate expenditure to growth (in trees)

White-rot - A range of kinds of wood decay in which lignin, usually together with cellulose and other wood constituents, is degraded

Wind exposure - The degree to which a tree or other object is exposed to wind, both in terms of duration and velocity

Wind pressure - The force exerted by a wind on a particular object

Windthrow - The blowing over of a tree at its roots

Incorporating extracts from Lonsdale, D. 1999. Principles of Tree Hazard Assessment. Her Majesty's Stationary Office, London

Appendix E – Urban Arbor Curriculum Vitae

Curriculum Vitae - Bryce Claassens - Consulting Arborist
Urban Arbor Pty Ltd

Address: Urban Arbor Pty Ltd, Unit 12/36 Leighton Place, Hornsby, NSW
Contact: [redacted]

Arboricultural and Horticultural Qualifications

- Diploma of Arboriculture (AQF5)
- Cert III Horticulture - Landscape (AQF3)
- Registered Quantified Tree Risk Assessment assessor (QTRA)

Professional Memberships

- General Membership of Arboriculture Australia (AA)

Experience

Bryce brings ten (10) years of experience in Arboriculture and Horticulture. His career has varied experience in both landscape construction/horticulture and arboricultural consulting.

Bryce is a Consulting Arborist for Urban Arbor Pty Ltd. Urban Arbor is a consultancy company that specifically deals with tree management with no practical tree work being offered. Bryce has managed sites and provided expert reports on various projects, from single trees through to large sites with over 600 trees.
Bryce has experience delivering arboricultural management and recommendations throughout the Sydney region.

Bryce's current role includes the following;
- Report writing including preliminary reports, development impact assessments, risk assessment and tree protection during development.
- Developing and implementing tree management programs
- Risk assessments using the QTRA method
- Project Arborist work
- Diagnostic procedures for determination of various tree related issues
- Consultancy work both verbal and written format

Arboricultural and Horticultural Employment History

- 2017 to Present: Consulting Arborist at Urban Arbor Pty Ltd, Sydney, NSW
- 2015 to 2017: Landscape Construction Tradesman/Stonemason at Collaroy Stoneworks, Sydney, NSW
- 2008 to 2015: Landscape Construction Apprentice-Tradesman at All Landscape Services, Sydney, NSW

Recent Project Works Undertaken

Preparing Arboricultural Impact Assessment reports for large projects, such as the new private hospital in Terrey Hills and various public schools for the Department of Education and Training school beautification project, including providing significant tree sensitive solutions of developments within public schools across Sydney.

Project Arborist on large developments including Royal Far West in Manly and Macquarie University. Bryce has worked as a project Arborist for many first tier construction companies, such as Richard Crookes, Liang O'Rourke, PDS Group and FDC Construction.

Delivering Arboricultural Impact Assessments and Project Arborist works for private developers within Councils including Ku Ring Gai Council, Hornsby Council, The Hills Shire, Holroyd Council, Inner West Council, Manly Council, Warringah Council, Pittwater Council, North Sydney Council, Mosman Council, Hunters Hill Council, Lane Cove Council, Parramatta Council, Ryde Council, Blacktown Council, Woollahra Council, Waverley Council, Sutherland Council, and Hawkesbury Council.

Appendix F – Compliance Matrix

Table 1 lists the Section of this report that demonstrate compliance with CoA – E5.

Details	**Compliance**
The Proponent must commission an independent experienced and suitably qualified arborist, to prepare a comprehensive Tree Report(s) before removing any trees as detailed in the documents listed in Condition A1. The Tree Report may be prepared for the entire CSSI or separate reports may be prepared for individual areas where trees are required to be removed. The report(s) must identify the impacts of the CSSI on trees and vegetation within and adjacent to the Construction footprint.	Section 2 of Appendix A, Appendix B, Appendix C, and Appendix D. Bryce Claassens, consulting arborist from Urban Arbor was engaged to assess trees.
The report(s) must include:	
(a) a description of the conditions of the tree(s) and its amenity and visual value;	Appendix A, Appendix B, Appendix C and Appendix D
(b) consideration of all options to avoid tree removal, including relocation of services, redesign or relocation of ancillary components (such as substations, fencing etc.) and reduction of standard offsets to underground services; and	Section 4, Appendix A, Appendix B, Appendix C and Appendix D
(c) measures to avoid the removal of trees or minimise damage to existing trees and ensure the health and stability of those trees to be protected. This includes details of any proposed canopy or root pruning, root protection zone, excavation, site controls on waste disposal, vehicular access, storage of materials and protection of public utilities.	Appendix A, Appendix B, Appendix C and Appendix D
A copy of the report(s) must be submitted to the Planning Secretary before the removal or pruning of any trees, including those affected by site establishment Work. All recommendations of the report must be implemented by the Proponent, unless otherwise agreed by the Planning Secretary.	Section 5