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**Arboricultural Impact Assessment
& Tree Protection Plan
Version 2**

Chester Hill Industrial Development

191 Miller Rd,
Chester Hill NSW 2162

Inspection Date: October 2025

PREPARED FOR:

LogiSPACE
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Sydney NSW 2000

Document Information

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Reference #:	E-002460-25
Client:	LogiSPACE
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Version 1	17 December 2025	
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17 December 2025	MB	KH
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Report Assumptions and Limitations

1. Information provided by the client or third party is assumed to be accurate.
2. All information has been sourced with care and verified to the best of the consultant's knowledge. Any opinions not duly researched are based on the consultant's experience and observations.
3. The consultant is not required to give testimony or attend court unless under a contractual agreement, subject to payment of additional fees.
4. Modifying or removing any key contextual elements will invalidate the report.
5. The report does not guarantee that future problems or deficiencies associated with the site or vegetation will not arise.
6. The report addresses the items outlined in the project brief or examined during site inspection and reflects the condition of these items at the time of inspection.
7. The inspection is limited to ground-based inspection of accessible areas and does not include dissection, excavation, or probing unless specified.
8. The report is an impartial assessment of the tree(s) and its condition based on available evidence and projected outcomes.

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Abbreviations

Table of Abbreviated Terms

Abbreviation	Meaning	Abbreviation	Meaning
AIA	Arboricultural Impact Assessment Report	mm	Millimetres
AQF	Australian Qualification Framework	NDE	Non-destructive excavation
AS	Australian Standard	NRZ	Notional Root Zone
BAM	Biodiversity Assessment Method	NSW	New South Wales
BC Act	<i>Biodiversity Conservation Act 2016</i>	PCT	Plant Community Type
BCSEPP	<i>State Environmental Planning Policy (Biodiversity and Conservation) 2021</i>	PDA	Preliminary Development Assessment
cm	Centimetre	PHC	Plant Health Care
DSH	Diameter at Standard Height	SEED	Sharing and Enabling Environmental Data
DCP	Development Control Plan	SEPP	State Environment Planning Policies
DRB	Diameter at Root Buttress	sp.	Species
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>	SRZ	Structural Root Zone
EPBC Act	<i>Commonwealth of Australia's Environmental Protection & Biodiversity Conservation Act 1999</i>	STARS©	IACA Significance of a Tree, Assessment Rating System
IACA	Institute of Australian Consulting Arboriculturists	TEC	Threatened Ecological Communities
ISA	International Society of Arboriculture	TPP	Tree Protection Plan
GIS	Geographic Information System	TPS	Tree Protection Specification
GNSS	Global Navigation Satellite System	TPZ	Tree Protection Zone
LEC	Land and Environment Court of New South Wales	TRAQ	Tree Risk Assessment Qualification
LEP	Local Environment Plans	ULE	Useful Life Expectancy
m	Metres	VTA	Visual Tree Assessment

Executive Summary

This report evaluates the potential arboricultural impacts of the proposed development at 191 Miller Rd, Chester Hill NSW 2162. The proposed works include remediation and early works for a future industrial development.

Key Findings:

- 425 trees assessed under 347 tree tags
- 283 trees (248 tags) recommended for removal due to development impacts
- 122 trees (79 tags) due to weed status, health, or structural issues
- 20 trees require specific protection measures

Recommendations comply with AS4970-2025 *Protection of trees on development sites* and use IACA Significance of a Tree Assessment Rating System (STARS)© for retention values.

Table 1: Impact Assessment Summary

Category	Recommendation	Tag/Tree QTY (Tree QTY)	Tree ID and Retention Value			
			High - Priority for Retention	Medium - Consider for Retention	Low - Consider for Removal	Priority for Removal
Remove	Remove - project impacts	248 (283)	8, 13, 18, 23, 26, 29, 37-38, 40, 45, 47, 86-87, 225, 231, 242, 250, 253, 285, 288, 294, 299-301, 331, 338, 347 Tag QTY: (27) Tree QTY: (27)	2-4, 7, 9-11, 14-15, 20-22, 27, 30-31, 34, 48-49, 52-53, 55-56, 59, 62, 64, 66-75, 77-79, 82, 85, 104, 107-116, 120, 122, 125, 127-128, 130-131, 133, 137-138, 148-149, 159, 166-167, 169-170, 173, 185, 188, 196, 198, 203-205, 215, 221, 223, 227, 229, 234, 240, 244, 246, 254, 263, 286, 306, 308, 312-313, 318-319, 326, 329, 340, 342, 345 Tag QTY: (99)	5-6, 12, 16-17, 19, 28, 36, 50-51, 57-58, 60-61, 65, 76, 80-81, 83-84, 88-99, 101-102, 105-106, 117-119, 121, 123-124, 126, 129, 132, 134-136, 139-146, 156-158, 160, 162, 164-165, 172, 175-177, 183-184, 191, 193, 197, 199, 206-207, 211, 213, 219, 222, 224, 226, 232-233, 235-239, 241, 247, 249, 251-252, 255-256, 258, 261, 266, 281,	

Category			Tree ID and Retention Value			
	Recommendation	Tag/Tree QTY (Tree QTY)	High - Priority for Retention	Medium - Consider for Retention	Low - Consider for Removal	Priority for Removal
				Tree QTY: (105)	302–303, 305, 307, 310–311, 315–317, 320–322, 328, 330, 333–335, 337, 339, 341, 343–344, 346 Tag QTY: (122) Tree QTY: (151)	
	Remove - irrespective	79 (122)				1, 24–25, 32–33, 35, 39, 41, 54, 63, 100, 103, 147, 151–152, 161, 163, 168, 171, 174, 178–182, 186–187, 189–190, 192, 194–195, 200–202, 208–210, 212, 214, 216–218, 220, 228, 230, 243, 245, 248, 257, 259–260, 262, 264, 268, 271–277, 279–280, 282–283, 287, 295, 297–298, 304, 309, 314, 323–325, 327, 332, 336 Tag QTY: (79) Tree QTY: (122)
Retain	Retain - generic	0 (0)				
	Retain - generic plus	20 (20)	43–44, 150, 265 Tag QTY: (4) Tree QTY: (4)	42, 154–155, 267, 270, 284, 289–293 Tag QTY: (11) Tree QTY: (11)	46, 153, 269, 278, 296 Tag QTY: (5) Tree QTY: (5)	
	Total	347 (425)				

Site maps showing trees to be retained and removed and tree protection recommendations are outlined in Appendix C - Tree Protection Plan.

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1. Introduction

1.1. Background

LogiSPACE (The Client) proposes to undertake remediation and early works for a future industrial development at Chester Hill Industrial Development.

The Client has engaged Canopy Consulting to investigate trees adjacent to the proposed works where they may be adversely affected by the project.

This assessment investigates trees potentially affected by the proposed works and provides:

- Tree identification and assessment within the study area
- Retention value assessment for affected trees
- Project impact evaluation
- Design and construction recommendations to minimise negative impacts, where appropriate
- Protection recommendations in accordance with AS4970-2025 *Protection of trees on development sites*.

1.2. Site Description and Existing Development

The Site is located at 191 Miller Road, Chester Hill and is legally described as Lot 82 DP 1282378 (see Figures 1 and 2). The subject site is an irregular shaped allotment, with a total area of approximately 64,684m². The subject site is bordered by Miller Road to the west, the Main Southern railway line to the north and warehousing to the east and south. Access to the site is obtained from Miller Road, with the northern boundary adjoining the railway corridor. The subject site has a frontage to Miller Road of approximately 144m.

The subject site currently has three warehouse/office buildings, located at the south-western corner and northern parts of the site. Towards the centre of the site is a grassed area with several small trees. Perimeter vegetation is also provided along the northern boundary adjacent to the railway corridor. Previous investigations by Anne Clements & Associates Pty. Limited found remnant *Eucalyptus fibrosa* (Broad-leaved Ironbark) and *Melaleuca decora* (White Feather Honeymyrtle) at the north-eastern corner of the site (see Figures 3 and 4 and ecology due diligence report submitted separately).



Figure 1: Cadastral Map (Source: SIX Maps, 2025)

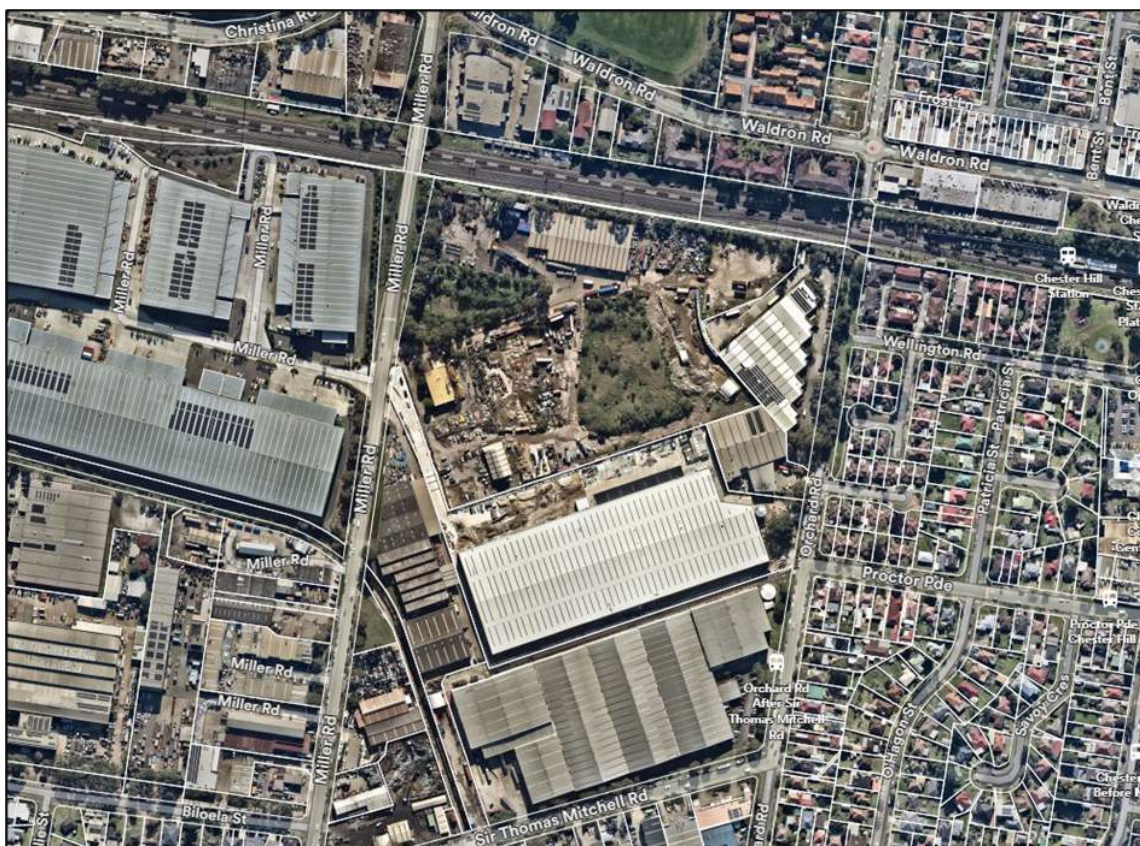


Figure 2: Aerial Map (Source: Nearmap, 2025)

The Site is currently declared as Significantly Contaminated by the NSW EPA under the *Contaminated Land Management Act 1997*. The basis of contamination relates to soil vapour and groundwater below the site. The sources of contamination are identified by the EPA as former solvent drum storage, former wash down bays and a tank “the dome tank”.

Land uses surrounding the Site includes:

- **North:** To the north of the subject site is the Main Southern railway line, which is an essential train freight connection.
- **South:** Directly adjoining the Site to the south is a recently constructed warehousing facility at No. 149 Orchard Road, with existing industrial land uses located beyond.
- **East:** To the east of the site is the Orchard Industrial Estate, which fronts Orchard Road and includes various
- **West:** The western boundary of the Site adjoins Miller Road. On the opposite side of Miller Road is a recently constructed warehousing facility for transport and distribution at 1 Monier Square.



Figure 3: Site boundary and sampling locations for ecology review (Source: Anne Clements & Associates Pty Ltd, 2025)



Figure 4: Vegetation units on the site (Source: Anne Clements & Associates Pty Ltd, 2025)

1.3. Reviewed Plans and Documents

Table 2: Reviewed Plans and Documents

Title	Author	Dwg. No.	Revision	Date
MASTER PLAN	LOGISPACE PTY LTD	Mar-01	F1	26/06/2025
COVERPAGE & DRAWING LIST	PACE ARCHITECTS	DA-100	A	05.12.2025
SITE CONTEXT PLAN	PACE ARCHITECTS	DA-101	A	05.12.2025
SITE ANALYSIS PLAN	PACE ARCHITECTS	DA-102	A	05.12.2025
SITE PLAN & GROUND FLOOR PLAN	PACE ARCHITECTS	DA-103	A	05.12.2025
MEZZANINE FLOOR PLAN WAREHOUSE	PACE ARCHITECTS	DA-111	A	05.12.2025
ROOF PLAN-WAREHOUSE	PACE ARCHITECTS	DA-112	A	05.12.2025
FLOOR PLANS-OFFICE 1A & 2A	PACE ARCHITECTS	DA-121	A	05.12.2025
FLOOR PLANS OFFICE 2B & 2C	PACE ARCHITECTS	DA-122	A	05.12.2025
FLOOR PLANS-OFFICE 1B & 2D	PACE ARCHITECTS	DA-123	A	05.12.2025
DEMOLITION PLAN	PACE ARCHITECTS	DA-150	A	05.12.2025
ELEVATIONS-WAREHOUSE 1	PACE ARCHITECTS	DA-201	A	05.12.2025
ELEVATIONS-WAREHOUSE 2	PACE ARCHITECTS	DA-202	A	05.12.2025
ELEVATIONS-OFFICE 1A 2A & 1B	PACE ARCHITECTS	DA-203	A	05.12.2025
ELEVATIONS-OFFICE 2B, 2C & 2D	PACE ARCHITECTS	DA-204	A	05.12.2025
SECTIONS	PACE ARCHITECTS	DA-301	A	05.12.2025
3D VIEWS WAREHOUSE-AXONOMETRIC SW	PACE ARCHITECTS	DA-401	A	05.12.2025
3D VIEWS WAREHOUSE-AXONOMETRIC NE	PACE ARCHITECTS	DA-402	A	05.12.2025
SIGNAGE PLAN	PACE ARCHITECTS	DA-500	A	05.12.2025
SHADOW DIAGRAM VIEWS-JUNE	PACE ARCHITECTS	DA-600	A	05.12.2025
SHADOW DIAGRAM VIEWS-DECEMBER	PACE ARCHITECTS	DA-601	A	05.12.2025
AREA CALCULATIONS	PACE ARCHITECTS	DA-700	A	05.12.2025
Landscape Titlesheet, Project Information, Drawing Register, General Notes, Extent of Works Plan	Paddock Landscape Architects	A-LT1	A	16.12.25
Overall Site Plan	Paddock Landscape Architects	B-LP1	A	16.12.25
Landscape Area Plan	Paddock Landscape Architects	B-LP2	A	16.12.25

Title	Author	Dwg. No.	Revision	Date
Tree Retention & Removal Plan	Paddock Landscape Architects	C-TP1	A	16.12.25
Landscape Plan 1	Paddock Landscape Architects	D-LF1	A	16.12.25
Landscape Plan 2	Paddock Landscape Architects	D-LF2	A	16.12.25
Landscape Plan 3	Paddock Landscape Architects	D-LF3	A	16.12.25
Landscape Plan 4	Paddock Landscape Architects	D-LF4	A	16.12.25
Landscape Plan 5	Paddock Landscape Architects	D-LF5	A	16.12.25
Landscape Plan 6	Paddock Landscape Architects	D-LF6	A	16.12.25
Landscape Plan 7	Paddock Landscape Architects	D-LF7	A	16.12.25
Landscape Plan 8	Paddock Landscape Architects	D-LF8	A	16.12.25
Master Plant Schedule	Paddock Landscape Architects	G-PP0	A	16.12.25
Planting Plan 1	Paddock Landscape Architects	G-PP1	A	16.12.25
Planting Plan 2	Paddock Landscape Architects	G-PP2	A	16.12.25
Planting Plan 3	Paddock Landscape Architects	G-PP3	A	16.12.25
Planting Plan 4	Paddock Landscape Architects	G-PP4	A	16.12.25
Planting Plan 6	Paddock Landscape Architects	G-PP6	A	16.12.25
Planting Plan 7	Paddock Landscape Architects	G-PP7	A	16.12.25
Planting Plan 8	Paddock Landscape Architects	G-PP8	A	16.12.25
Landscape Details - Typical Softscape Details	Paddock Landscape Architects	H-LD50	A	16.12.25
Planting Specification Requirements, Landscape Maintenance Requirements & Management Plan	Paddock Landscape Architects	I-MN1	A	16.12.25
DRAWING LIST & LOCALITY PLAN	Costin Roe Consulting Pty Ltd	C014242.05-EW100	A	N/A
EXISTING SERVICES PLAN	Costin Roe Consulting Pty Ltd	C014242.05-EW150	N/A	N/A
EROSION AND SEDIMENT CONTROL PLAN	Costin Roe Consulting Pty Ltd	C014242.05-EW200	A	N/A
EROSION SEDIMENT CONTROL DETAILS - SHEET 1	Costin Roe Consulting Pty Ltd	C014242.05-EW250	A	N/A
EROSION SEDIMENT CONTROL DETAILS - SHEET 2	Costin Roe Consulting Pty Ltd	C014242.05-EW251	A	N/A
BULK EARTHWORKS PLAN	Costin Roe Consulting Pty Ltd	C014242.05-EW300	C	15.12.25
CUT/FILL PLAN	Costin Roe Consulting Pty Ltd	C014242.05-EW310	C	15.12.25
BULK EARTHWORKS SECTIONS - SHEET 1	Costin Roe Consulting Pty Ltd	C014242.05-EW351	A	N/A
BULK EARTHWORKS SECTIONS - SHEET 2	Costin Roe Consulting Pty Ltd	C014242.05-EW352	A	N/A

Title	Author	Dwg. No.	Revision	Date
BULK EARTHWORKS SECTIONS - SHEET 3	Costin Roe Consulting Pty Ltd	C014242.05-EW353	A	N/A
STORMWATER DRAINAGE PLAN	Costin Roe Consulting Pty Ltd	C014242.05-EW400	A	N/A
STORMWATER DRAINAGE DETAILS SHEET 1	Costin Roe Consulting Pty Ltd	C014242.05-EW451	A	N/A
STORMWATER DRAINAGE DETAILS SHEET 2	Costin Roe Consulting Pty Ltd	C014242.05-EW452	A	N/A
FINISHED LEVELS PLAN	Costin Roe Consulting Pty Ltd	C014242.05-EW500	A	N/A
TYPICAL DETAILS-SHEET1	Costin Roe Consulting Pty Ltd	C014242.05-EW551	N/A	N/A
TYPICAL DETAILS-SHEET2	Costin Roe Consulting Pty Ltd	C014242.05-EW552	N/A	N/A
RETAINING WALL SETOUT PLAN	Costin Roe Consulting Pty Ltd	C014242.05-EW600	A	N/A
RETAINING WALL ELEVATIONS-SHEET 1	Costin Roe Consulting Pty Ltd	C014242.05-EW610	N/A	N/A
RETAINING WALL ELEVATIONS-SHEET 2	Costin Roe Consulting Pty Ltd	C014242.05-EW611	N/A	N/A
RETAINING WALL DETAILS SHEET 1	Costin Roe Consulting Pty Ltd	C014242.05-EW651	N/A	N/A
RETAINING WALL DETAILS SHEET 2	Costin Roe Consulting Pty Ltd	C014242.05-EW652	N/A	N/A

1.4. Development/Project Description

The project area comprises the overall potential area of direct disturbance or impact by the project.

This may be temporary for construction or permanent for operational infrastructure and extend below the ground surface.

The proposed development is intended to be structured across two stages. The Proposal seeks consent for the following:

Stage/DA 1: Remediation and early works (including earthworks and flooding management works)

The works in this stage, include, but are not limited to:

- Site establishment
- Demolition of existing structures
- Remediation of the site in accordance with Remediation Action Plan
- Site preparation and earthworks
- Flood management/mitigation works
- Tree and vegetation removal

Stage/DA 2: Construction and operation of warehousing on the site, with associated works

The works in this stage, include, but are not limited to:

- Construction of 2 warehouse buildings comprising of 6 tenancies including ancillary offices, loading docks and hardstand areas
- 24 hour operation, 7 days a week
- Other associated works including landscaping, car parking and general site improvements
- Amendment of the crossover for light and heavy vehicle access is proposed from Miller Road
- Business identification signage and wayfinding signage

The layout of the proposal is shown in Figure 5.

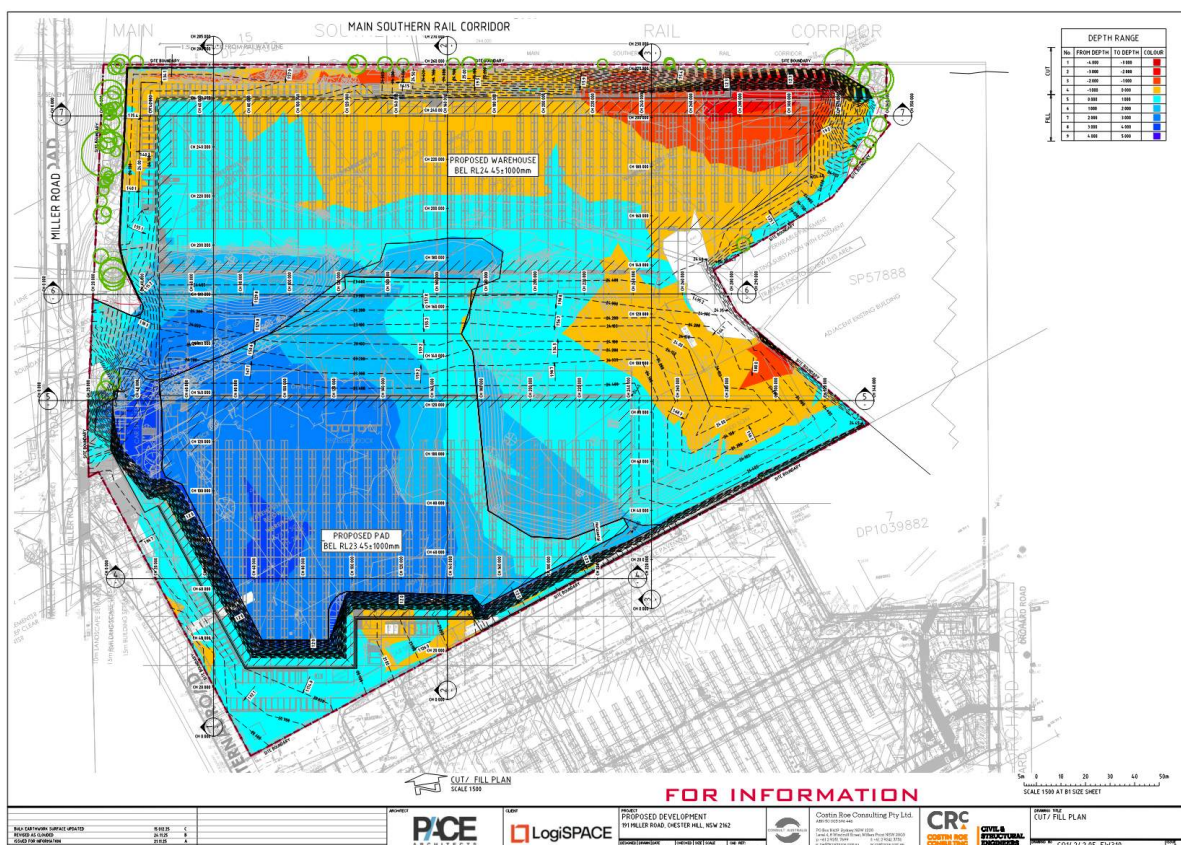


Figure 6: Proposed site layout. (Costin Roe Consulting, 2025)

1.5. Legislative Context

The Commonwealth of Australia's Environmental Protection & Biodiversity Conservation Act 1999 (EPBC Act) manages nationally significant ecological communities and heritage items. The EPBC Act delegates to the NSW Biodiversity Conservation Act 2016 (BC Act) for state and local management of

ecological and heritage matters. The BC Act, which repealed the NSW Threatened Species Conservation Act 1995, may require Species Impact Statement and Biodiversity Banking and Offset Scheme agreements determined by the Biodiversity Assessment Method (BAM)

In NSW, the Environmental Planning and Assessment Act 1979 (EP&A Act) regulates significant development and infrastructure through Environmental Planning Instruments (EPI), including State Environment Planning Policies (SEPP) for matters of state or regional significance and Local Environmental Plans (LEP) and Development Control Plans (DCP) for land usage guidance for local Councils.

1.6. Planning & Tree Management Controls

Table 3: Applicable Planning & Tree Management Controls

Local Environment Plan	Canterbury-Bankstown Local Environmental Plan 2023 (CBLEP)
Development Control Plan	Canterbury-Bankstown Development Control Plan 2023 (CBDPCP)
Tree Management Controls	Prescribed trees within the City of Canterbury-Bankstown local government area (LGA) are protected under Part B11 of the CBDPCP made pursuant to Chapter 2 of the State Environmental Planning Policy (Biodiversity and Conservation) 2021 (the BCSEPP). The CBDPCP generally protects all trees and palms that meet the following: • All trees that are 5.0 metres or more in height; and • All mangroves, regardless of size; and • All trees, regardless of size, listed as Vulnerable or Endangered or a component of an Endangered Ecological Community listed under the Biodiversity Conservation Act 2016; and • All trees, regardless of size, listed under the Environmental Protection and Biodiversity Conservation Act 1999; and • All trees, regardless of size, located on lands included on the Terrestrial Biodiversity Map under Bankstown Local Environmental Plan 2015; and • All trees, regardless of size, located on properties listed as a heritage item in Schedule 5 of Bankstown Local Environmental Plan 2015; and • All trees, regardless of size, located in the foreshore area under the Bankstown Local Environmental Plan 2015. A tree is defined as a long-lived perennial plant greater than 5 metres in height with one or relatively few main stems or trunks.
Exemptions	Exemptions relating to size and weed species

1.7. Additional Legislative Protections

The following government planning overlays have been reviewed (SEED - NSW Government, 2025). Table 4 indicates the presence of the items on site.

Table 4: Mapping Overlays

NSW OEH	Present on Site	Relevance
Threatened Ecological Communities (TEC) Greater Sydney	☐	Not present on site. No relevance.
State Heritage Register	☐	Not present on site. No relevance.
Biodiversity Values	☐	Not present on site. No relevance.
DCP/LEP		Not present on site. No relevance.
Heritage	☐	Not present on site. No relevance.
Terrestrial Biodiversity	☐	Not present on site. No relevance.
Environmentally Sensitive Land	☐	Not present on site. No relevance.
Other		Not present on site. No relevance.
10/50 Vegetation Clearing Scheme	☐	Not present on site. No relevance.

2. Scope

This assessment evaluates the health and condition of trees on the site and neighbouring properties that may be affected by proposed works. The evaluation determines tree retention values based on heritage, environmental and arboricultural principles.

The assessment provides:

- A comprehensive description of each tree's attributes and current condition
- Documentation of all observations pertinent to tree health and stability in a development context
- Assignment of retention values based on established criteria
- Analysis of potential impacts from proposed works on retained trees
- Recommendations for remedial works or tree management where appropriate
- Detailed specifications for protection measures to minimise development impacts
- Assessment of potential conflicts between retained trees and proposed structures
- Evaluation of removal and replacement options where retention is not viable

3. Method

3.1. Data Collection

To record the above-ground health and condition of each tree, a Visual Tree Assessment (VTA), adapted from (Lonsdale, 2013), was undertaken from ground level in October 2025 by AQF Level 8 Consulting Arborist Alex Autin. This involved an inspection of:

- Tree health and structural integrity
- Site conditions and constraints
- Amenity and heritage value
- Environmental significance
- Habitat characteristics

All diameter measurements were obtained using a diameter tape or forestry callipers. Height and canopy spread values were estimated by experienced arborists. Offset measurements were taken with a calibrated tape measure.

Data collection utilised GIS software linked to a GNSS receiver, providing 1-2cm accuracy under optimal conditions. Tree locations were verified using the following protocol:

- Locations were corrected to the survey plan where available
- GPS coordinates were used for trees absent from the survey
- Location accuracy is estimated at $\pm 1\text{m}$ due to canopy interference and GPS limitations

Impact assessments were conducted using georeferenced proposed plans overlaid with survey data in GIS software. Minor discrepancies may exist between surveyed boundaries and NSW cadastre data.

3.2. Useful Life Expectancy

The assessment of remaining Useful Life Expectancy (ULE) employs a modified version of the TreeAZ SULE method (Barrell, 2009). Detailed criteria for each category classification are provided in Appendix A.

3.3. Retention Value

Tree significance ratings and retention values were determined using the IACA Significance of a Tree Assessment Rating System (STARS)© (IACA, 2010). This system evaluates landscape significance and estimated Useful Life Expectancy using established assessment criteria and the retention value priority matrix. Complete assessment parameters are detailed in Appendix A.

3.4. Notional Root Zone, Structural Root Zone and Tree Protection Zone

The Notional Root Zone (NRZ) and Structural Root Zone (SRZ) calculations follow Australian Standard 4970-2025: *Protection of Trees on Development Sites* and are expressed in radial measurements in metres.

The NRZ is a primary trigger for arboricultural input on a development site, which is calculated as:

$$\text{NRZ radius} = \text{DSH} \times 12$$

The SRZ represents the area required for tree stability, calculated as:

$$\text{SRZ radius} = (\text{DRB} \times 50)^{0.42} \times 0.64$$

The Tree Protection Zone (TPZ) is then determined based on the NRZ and other considerations (Clause 3.3.2 of AS4970-2025). The TPZ is the specified zone above and below ground set aside for protection during construction.

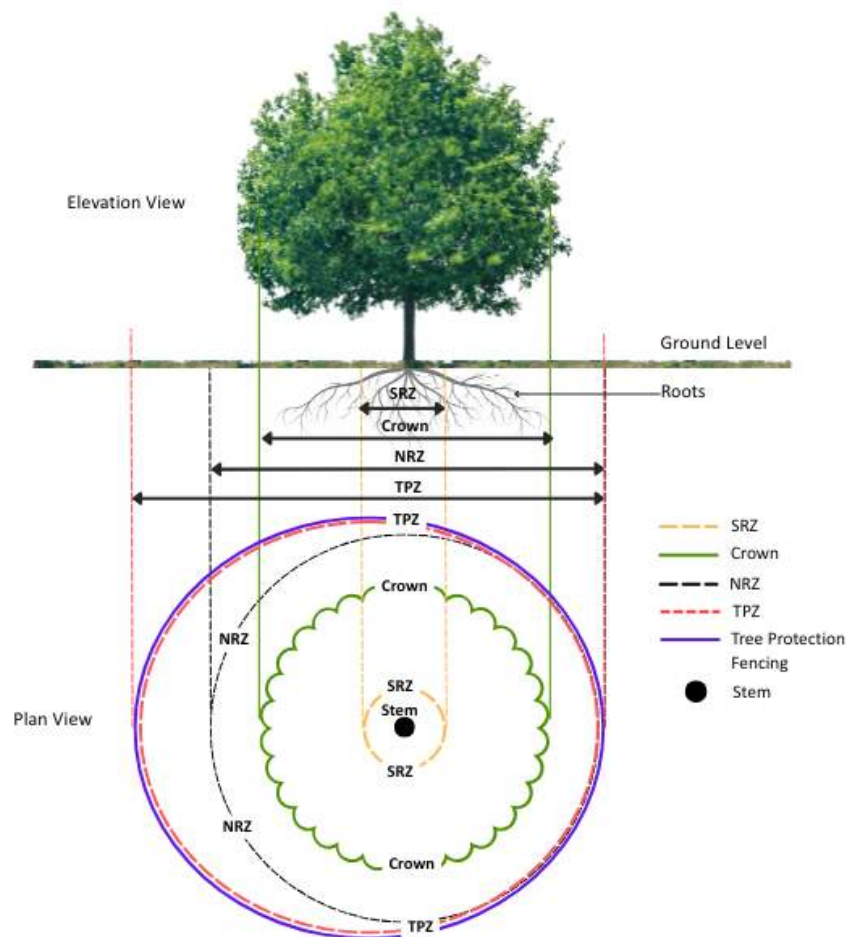


Figure 7: Indicative Notional Root Zone, Crown Spread and Structural Root Zone (Standards Australia, 2025)

4. Observations

4.1. Site Soils

The following is a description of the soil profile in the landscape surrounding the site. However, it should be noted that site soils are expected to strongly deviate from their natural state due to past urban development within the site.

The site is located on the Blacktown Residual soil landscape which is described as ‘gently undulating rises on Wianamatta Group shales. Local relief to 30 m, slopes usually >5%. Broad rounded crests and ridges with gently inclined slopes. Cleared Eucalypt woodland and tall open-forest (dry sclerophyll forest).’ (Department of Planning, Industry and Environment, 2020)

Soils of the Blacktown landscape are characterised by ‘shallow to moderately deep (>100 cm) hardsetting mottled texture contrast soils, Red and Brown Podzolic Soils (Dr3.21, Dr3.31, Db2.11, Db2.21) on crests grading to Yellow Podzolic Soils (Dy2.11, Dy3.11) on lower slopes and in drainage lines.’ (Department of Planning, Industry and Environment, 2020)

Vegetation of this soil landscape is described as ‘Almost completely cleared open-forest and open-woodland (dry sclerophyll forest). The original woodland and open-forest were dominated by *Eucalyptus tereticornis* (forest red gum), *E. crebra* (narrow-leaved ironbark), *E. moluccana* (grey box) and *E. maculata* (spotted gum). Further west near Penrith remnant stands of *E. punctata* (grey gum) occur. Between Liverpool and St Marys, the dominant species are *E. globoidea* (white stringybark) and *E. fibrosa* (broad-leaved ironbark), with *E. longifolia* (woollybutt) as an understorey species. Individual trees or small stands of *E. sideroxylon* (mugga ironbark) are occasionally found on crests.’ (Department of Planning, Industry and Environment, 2020)

4.2. Summary of Tree Observations

Complete tree attributes and observations can be found in Appendix B - Tree Assessment Schedule. A total of 425 trees were assessed under 347 tree numbers. Where trees were similar in size, species, and location and were of lower significance in the landscape, they were grouped together. This included trees 7, 78, 80, 91, 141, 142, 143, 163, 174, 177, 184, 208, 226, 237, 239, 271, 273, 275, 277, 282, 287, 295, 303, 304, 309, 323, 327, 336.

All trees surveyed were within the subject site.

No trees were observed to possess hollow bearing parts capable of supporting large fauna. Stick nest(s) were observed in trees 38, 225, 227, 231.

Photos and a subset of data can be accessed via [this link](#).

Table 5 summarises the trees' legislated protection status under the CBDP. This assessment considers the size of the tree or exemption due to their species.

Table 5: Tree Legislated Protection Status

DCP Status	Tag/Tree QTY (Tree QTY)	Tree Numbers
Protected	256 (282)	All other trees
Exempt	91 (143)	12, 57, 58, 60, 61, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 100, 101, 102, 103, 105, 106, 117, 118, 119, 121, 123, 124, 126, 129, 132, 135, 136, 139, 140, 151, 152, 153, 161, 163, 171, 174, 175, 176, 177, 178, 179, 180, 182, 186, 187, 189, 190, 192, 194, 195, 200, 202, 208, 209, 210, 212, 214, 216, 217, 218, 228, 230, 233, 235, 245, 257, 259, 260, 264, 273, 275, 277, 280, 287, 295, 297, 298, 302, 303, 304, 309, 314, 323, 324, 327, 336
N/A	0 (0)	
Total	347 (425)	

5. Impact Assessment

5.1. Impact Assessment Considerations

The NRZ represents a theoretical area around the base of a tree where the majority of roots capable of sustaining the tree are located on a development site. Activities within this zone require careful management, as works such as excavation, ground-level modifications, temporary and permanent infrastructure, trenching or soil profile inversion may compromise the root system or alter essential growing conditions.

The SRZ forms the critical area required for tree stability, encompassing structural woody roots and soil cohesion necessary for anchoring the tree. While some carefully managed activities may occur within this zone, any significant disturbance risks compromising tree stability. Construction methods such as pier and beam foundations or hand-excavated service installations may be permissible when properly implemented.

The TPZ is the designated area for the protection of roots and crown, where these might be damaged by development. The TPZ provides the physical boundary for protection measures, including fencing and access restrictions, and is formulated after the impacts have been assessed in consideration of Clause 3.3.2 of AS 4970-2025.

5.2. Encroachments into the Notional Root Zone

Encroachments into the NRZ are categorised into three levels based on the percentage of NRZ area affected:

Minor encroachment ($\leq 10\%$ of NRZ area): Generally considered minor provided it is outside the SRZ and no recent NRZ encroachments have taken place. It is unlikely that there will be a significant impact on tree health, longevity or structure. Tree protection should be implemented during site works, and to avoid a net loss of soil area and volume, an area equivalent to the encroachment shall be incorporated into the TPZ, unless the project arborist otherwise demonstrates that the tree will remain viable.

Moderate encroachment ($>10\%$ and $\leq 20\%$ of NRZ area): Requires the engagement of a project arborist to review the proposed impacts and demonstrate how the tree will remain viable. This may require additional investigations to address the factors listed in Clause 3.3.2 or be achieved through the implementation of suitable design measures and construction controls to mitigate impacts during the development process as part of a Tree Protection Specification (TPS) and Tree Protection Plan (TPP). To avoid a net loss of soil area and volume, an area equivalent to the encroachment shall be incorporated into the TPZ, unless the project arborist otherwise demonstrates that the tree will remain viable.

Major encroachment ($>20\%$ of NRZ area): A project arborist shall be engaged to explore alternative designs with the design team and/or demonstrate that the tree will remain viable. For assessment of major encroachment, a more detailed investigation is necessary. This may include root or soil

investigations, review of historical records related to the tree or site, or research into relevant literature and examples of similar microclimates. A TPS and TPP should be prepared to support the retention of the tree. To avoid a net loss of soil area and volume, an area equivalent to the encroachment shall be incorporated into the TPZ, unless the project arborist otherwise demonstrates that the tree will remain viable.

These measures are only required if a tree is to be retained and must be considered in the impact assessment.

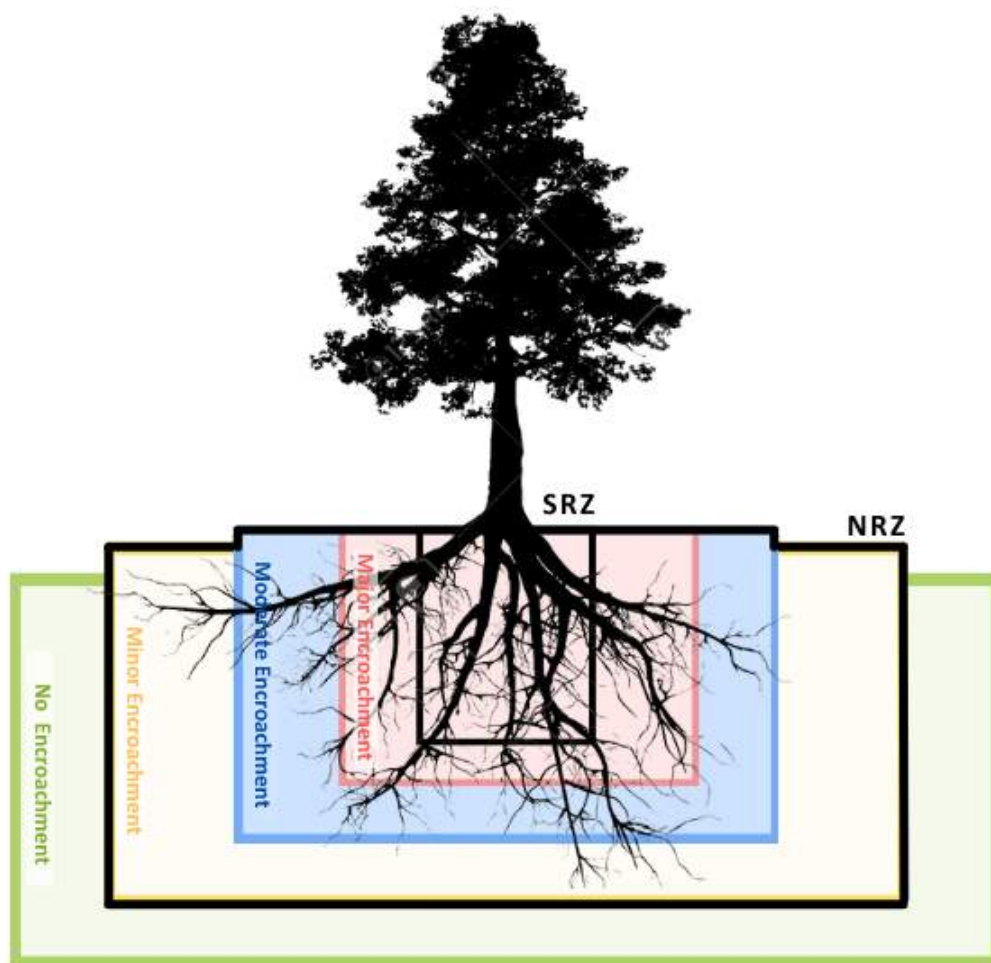


Figure 8: Indicative zones of NRZ and SRZ encroachment.

5.3. Impact Assessment Summary

The following criteria have been considered to determine the impact on site trees that may occur due to the proposed development, where this information has been provided:

- Existing ground levels and topographical survey data
- Footprint of proposed development, temporary infrastructure, and material storage areas
- Encroachments into root zones, including cut, fill, excavation and construction activities

- Crown protection requirements and potential conflicts with buildings or temporary structures
- Existing site conditions, soil characteristics, drainage and root distribution patterns
- Service installation requirements and corridor planning
- Construction methodology and access requirements

The impacts of the proposed development are summarised in Table 6¹.

Table 6: Impact Assessment Summary

Recommendation	Category	Tag/Tree QTY (Tree QTY)	Tree ID and Encroachment Type			
			Major	Moderate	Minor	Nil
Remove	Remove - project impacts	248 (283)	2-23, 26-31, 34, 36-38, 40, 45, 47-53, 55-62, 64-99, 101-102, 104-146, 148-149, 156-160, 162, 164-167, 169-170, 172-173, 175-177, 183-185, 188, 191, 193, 196-199, 203-207, 211, 213, 215, 219, 221-227, 229, 231-242, 244, 246-247, 249-256, 258, 261, 263, 266, 281, 285-286, 288, 294, 299-303, 305-308, 310-313, 315-322, 326, 328-331,			

¹ No tree protection measures may be recommended as the tree(s) are outside the expected area of construction.

Generic tree protection measures include tree protection fencing, trunk and/or branch protection and restriction of activities within the TPZ.

Generic plus protection measures include generic tree protection measures plus supervision of works within the TPZ and may include, in combination:

- The use of root sensitive construction techniques
- Design revision
- Routing services outside the TPZ
- Root mapping

Recommendation			Tree ID and Encroachment Type			
	Category	Tag/Tree QTY (Tree QTY)	Major	Moderate	Minor	Nil
			333–335, 337–347 Tag QTY: (248) Tree QTY: (283)			
	Remove - irrespective	79 (122)	1, 24–25, 32–33, 35, 39, 41, 54, 63, 100, 103, 147, 151–152, 161, 163, 168, 171, 174, 178–182, 186–187, 189–190, 192, 194–195, 200–202, 208–210, 212, 214, 216–218, 220, 228, 230, 243, 245, 248, 257, 259–260, 262, 264, 268, 271–277, 279–280, 282–283, 287, 295, 297–298, 304, 309, 314, 323–325, 327, 332, 336 Tag QTY: (79) Tree QTY: (122)			
Retain	Retain - generic	0 (0)				
	Retain - generic plus	20 (20)	42–44, 46, 150, 153–155, 265, 267, 269–270, 278, 284, 289–293, 296 Tag QTY: (20) Tree QTY: (20)			
	Total	347 (425)				

Primary Impact Types:

- Bulk earthworks operations: Affecting NRZ with depths ranging from minor to 100% coverage
- Hardstand infrastructure: Roads, warehouse floor slabs, car parks, and loading areas
- Excavation: For building footings, retaining walls, and drainage
- Landscape revegetation: Low-impact planting areas (affecting retained trees only)

283 trees - Remove due to project impacts:

These trees fall within the development footprint and are subject to unsustainable impacts including:

- 100% NRZ encroachment from warehouse building footprints
- Critical impacts from permanent hardstand infrastructure
- Extensive fill operations (up to 100% NRZ coverage)
- Excavation for retaining walls and structural foundations
- Road construction and vehicle circulation areas

The retention value distribution for these 283 trees is:

- 27 High - Priority for Retention
- 105 Medium - Consider for Retention (99 tags)
- 151 Low - Consider for Removal (122 tags)

While some of these trees have high retention values, retention is not feasible due to:

- Direct conflict with building envelopes
- Unsustainable root zone impacts from fill and excavation
- Permanent hardstand infrastructure preventing future root development
- Crown conflicts with proposed structures
- Safety concerns from altered wind loading on retained trees adjacent to buildings

122 trees (79 tags) - Remove irrespective of development:

These trees are classified as *Priority for Removal* due to:

- Environmental weed status requiring management
- Structural defects including decay, included bark, or poor branch unions
- Advanced decline or irreversible health deterioration
- Dead, dying, or dangerous condition
- Short useful life expectancy (<5 years)

Their removal is recommended regardless of the proposed development for arboricultural management and risk mitigation purposes.

20 trees - Retain with generic protection plus specific measures:

These trees (42-44, 46, 150, 153-155, 265, 267, 269-270, 278, 284, 289-293, 296) are subject to major NRZ encroachments primarily from landscape revegetation works. The retention value distribution is:

- 4 High - Priority for Retention
- 11 Medium - Consider for Retention
- 5 Low - Consider for Removal

Key characteristics enabling retention:

- Encroachment impacts relate primarily to low-impact landscape planting
- Limited fill impacts can be mitigated through irrigation and mulching
- No critical infrastructure conflicts
- Works can be supervised and executed using tree-sensitive techniques
- Hand-planting methods can be employed within the NRZ

Specific protection measures required for these trees include:

- Tree-sensitive landscaping without heavy machinery in the NRZ
- Project Arborist supervision of all works within the NRZ
- Installation and maintenance of irrigation to offset root loss
- Application of mulch to maintain soil moisture and temperature
- Tree protection fencing to AS4970-2025 standards

5.4. Justification for Proposed Tree Removal

The majority of trees recommended for removal are located within the proposed development footprint, where excavation, fill operations, and construction of permanent hardstand infrastructure would cause unsustainable root loss or crown conflict. The following analysis outlines the impacts, considerations for landscape character, and proposed compensatory measures.

1. Unavoidable Impacts Within Development Footprint

The proposed development comprises:

- Remediation and early works, which include extensive cut and fill and are essential given the heavily contaminated nature of the site
- Two warehouse buildings
- Associated hardstand areas for loading, vehicle circulation, and car parking
- Internal road network with turning circles and access ways
- Retaining walls to manage site levels
- Stormwater drainage infrastructure and detention systems

- Utilities and services, including substations

Trees within these footprints cannot be retained as:

- Warehouse floor preparation requires extensive excavation and fill
- Hardstand areas prevent root development and gas exchange
- Retaining wall construction requires excavation through root zones
- Building proximity creates altered wind loading, increasing failure risk

The development represents a large-scale remediation and construction project. Retaining trees within the footprint would require fundamental redesign, rendering the project unfeasible. The client has engaged landscape architects (Paddock Landscape Architects) who have prepared comprehensive landscape plans demonstrating a commitment to tree planting as compensatory measures.

2. Fill and Cut Impact Analysis

The bulk earthworks plan (Costin Roe Consulting, Drawing C014242.05-EW300) indicates extensive site regrading largely due to the requirement for contaminated site remediation. These are essential enabling works for the development to proceed.

Fill impacts: Trees subject to fill exceeding 100mm across significant portions of their NRZ cannot be viably retained. Fill operations:

- Reduce oxygen availability to roots, causing a decline within 12-24 months
- Alter soil moisture regimes, creating waterlogging or drought stress
- Create anaerobic conditions promoting root decay
- Cannot be effectively mitigated for mature trees or those with compromised health
- Would require extensive fill removal and grade-separated engineering, rendering the project unfeasible

Cut impacts: Trees subject to cut exceeding 150mm across their NRZ face:

- Substantial root severance removing water and nutrient uptake capacity
- Exposure of structural roots to mechanical damage and environmental stress
- Compromised stability requiring extensive engineering interventions
- Loss of regenerative capacity, particularly for mature specimens

The combination of cut, fill (affecting up to 100% of NRZ) and hardstand infrastructure (preventing root regeneration) renders retention of affected trees unsustainable under AS4970-2025 requirements. The standard acknowledges that developments of this scale may necessitate tree removal where design modifications cannot reasonably accommodate retention.

3. Weed Species and Arboricultural Management

122 trees (79 tags) are classified as *Priority for Removal* independent of development requirements. These include:

Environmental weed species requiring management to prevent:

- Invasion of remnant bushland areas
- Displacement of indigenous species
- Reduced biodiversity values
- Increased fire risk from certain species

Structurally compromised trees exhibiting:

- Advanced decay in stem or major limbs
- Poor branch unions with included bark
- Significant lean or root plate movement
- Storm damage requiring removal
- Recent failure of co-dominant stems

Trees in irreversible decline:

- Trees presenting with excessively thin crown density with very low chance of recovery

The removal of these trees aligns with contemporary arboricultural practice and the City of Canterbury-Bankstown's tree management objectives. Their retention would pose ongoing maintenance burdens and safety risks to future site occupants.

See Appendix B - Tree Assessment Schedule for detailed impact analysis.



Figure 9.1: Impact Assessment



Figure 9.2: Impact Assessment

6. Recommendations

6.1. Project Arborist

An official “Project Arborist” must be commissioned to oversee the tree protection, and any works within the TPZs and complete regular monitoring compliance certification.

The Project Arborist must have a minimum of five (5) years of industry experience in arboriculture, horticulture with relevant demonstrated experience in tree management on construction sites, and Diploma level qualifications in arboriculture – AQF Level 5.

6.2. Tree Retention and Removal

The recommendations of this report do not constitute consent to remove trees subject to this report. The council or consent authority should be contacted prior to undertaking works as consent may be required to remove and/or prune the tree(s).

Table 7 summarises tree removal and retention and is shown in Appendix C - Tree Protection Plan.

Table 7: Tree Retention and Removal

Recommendation	Tag/Tree QTY (Tree QTY)	Tree Numbers
Remove - project impacts	248 (283)	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 34, 36, 37, 38, 40, 45, 47, 48, 49, 50, 51, 52, 53, 55, 56, 57, 58, 59, 60, 61, 62, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 101, 102, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 148, 149, 156, 157, 158, 159, 160, 162, 164, 165, 166, 167, 169, 170, 172, 173, 175, 176, 177, 183, 184, 185, 188, 191, 193, 196, 197, 198, 199, 203, 204, 205, 206, 207, 211, 213, 215, 219, 221, 222, 223, 224, 225, 226, 227, 229, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 244, 246, 247, 249, 250, 251, 252, 253, 254, 255, 256, 258, 261, 263, 266, 281, 285, 286, 288, 294, 299, 300, 301, 302, 303, 305, 306, 307, 308, 310, 311, 312, 313, 315, 316, 317, 318, 319, 320, 321, 322, 326, 328, 329, 330, 331, 333, 334, 335, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347
Remove - irrespective	79 (122)	1, 24, 25, 32, 33, 35, 39, 41, 54, 63, 100, 103, 147, 151, 152, 161, 163, 168, 171, 174, 178, 179, 180, 181, 182, 186, 187, 189, 190, 192, 194, 195, 200, 201, 202, 208, 209, 210, 212, 214, 216, 217, 218, 220, 228, 230, 243, 245, 248, 257, 259, 260, 262, 264, 268, 271, 272, 273, 274, 275, 276, 277, 279, 280, 282, 283, 287, 295, 297, 298, 304, 309, 314, 323, 324, 325, 327, 332, 336

Recommendation	Tag/Tree QTY (Tree QTY)	Tree Numbers
Retain - generic	0 (0)	
Retain - generic plus	20 (20)	42, 43, 44, 46, 150, 153, 154, 155, 265, 267, 269, 270, 278, 284, 289, 290, 291, 292, 293, 296
Total	347 (425)	

6.2.1. Tree Removal Protocol

Trees marked for removal are to be physically marked with high-visibility paint prior to site establishment as per the approved TPP. Before removal, the Project Arborist must confirm that all marked trees correspond with those shown in Appendix B - Tree Assessment Schedule and Appendix C – Tree Protection Plan.

Tree removal procedures:

1. **Pre-removal verification:** Project Arborist to verify tree identification and mark approval
2. **Timing:** Tree removal to be completed prior to erection of protection fencing
3. **Protection of retained trees:** Under no circumstances are trees marked for retention within protection areas to be damaged during removal operations
4. **Equipment exclusion:** Vehicles and heavy machinery used by contractors to be kept clear of protection areas
5. **Stump removal methodology:** Stumps within or adjacent to protection areas to be removed by:
 - Stump grinding to minimum 300mm below finished grade, or
 - Careful mechanical extraction ("picking") avoiding root damage to retained trees
 - Method to be approved by Project Arborist prior to commencement

6.2.2. Nest Management

Stick nests were observed in trees 38, 225, 227, and 231 during the assessment. Prior to removal of these trees:

- Nests to be inspected by a suitably qualified ecologist
- If nests are active (containing eggs or dependent young), tree removal to be delayed until young have fledged
- Nest inspections to occur within 48 hours of proposed tree removal
- Alternative nesting habitat to be considered in landscape design where appropriate

6.3. Offset Planting

Any tree approved to be removed from a site should be replaced with a tree of like habit and indigenous to the LGA where possible, planted as near as practicable to the location of the removed tree, grown to maturity and replaced if the planting fails to survive and thrive.

Suggested species for replacement include:

Large canopy trees (mature height >15m):

Species	Common Name	Mature Size	Comments
<i>Eucalyptus tereticornis</i>	Forest Red Gum	25-35m	Historic dominant species for this landscape. Suitable for larger landscape areas. Excellent habitat value.
<i>Eucalyptus punctata</i>	Grey Gum	20-30m	Robust, relatively fast-growing. Good for screening and amenity.
<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	15-25m	Historic component of original vegetation. Drought-tolerant once established.
<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	20-30m	Remnant trees observed on site by Anne Clements & Associates. Maintains genetic connection to site history.

Medium canopy trees (mature height 10-15m):

Species	Common Name	Mature Size	Comments
<i>Eucalyptus longifolia</i>	Woollybutt	12-18m	Historic understorey species for this landscape. Adaptable to disturbed soils.
<i>Corymbia maculata</i>	Spotted Gum	20-30m	Excellent form and structure. Good urban performer.
<i>Allocasuarina littoralis</i>	Black She-oak	8-15m	Nitrogen-fixing capability beneficial for disturbed soils. Excellent wildlife habitat.

Small trees and large shrubs (mature height <10m):

Species	Common Name	Mature Size	Comments
<i>Melaleuca decora</i>	White Feather Honeymyrtle	6-10m	Remnant trees observed on site. Maintains site genetic connection. Excellent habitat value.
<i>Acacia parramattensis</i>	Parramatta Wattle	5-8m	Fast-growing pioneer species. Nitrogen-fixing. Good for disturbed areas.
<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	6-10m	Tolerant of variable soil conditions. Good screening plant.

Trees should be sourced from a reputable nursery with stock grown to NATSPEC and Australian Standard AS 2303 2018 *Tree Stock for Landscape Use* criteria (Standards Australia Limited, 2018).

Trees should be a minimum of 75L pot size at the time of planting.

The trees should be planted and mulched with suitably composted, natural, hardwood mulch as per Figure 10.

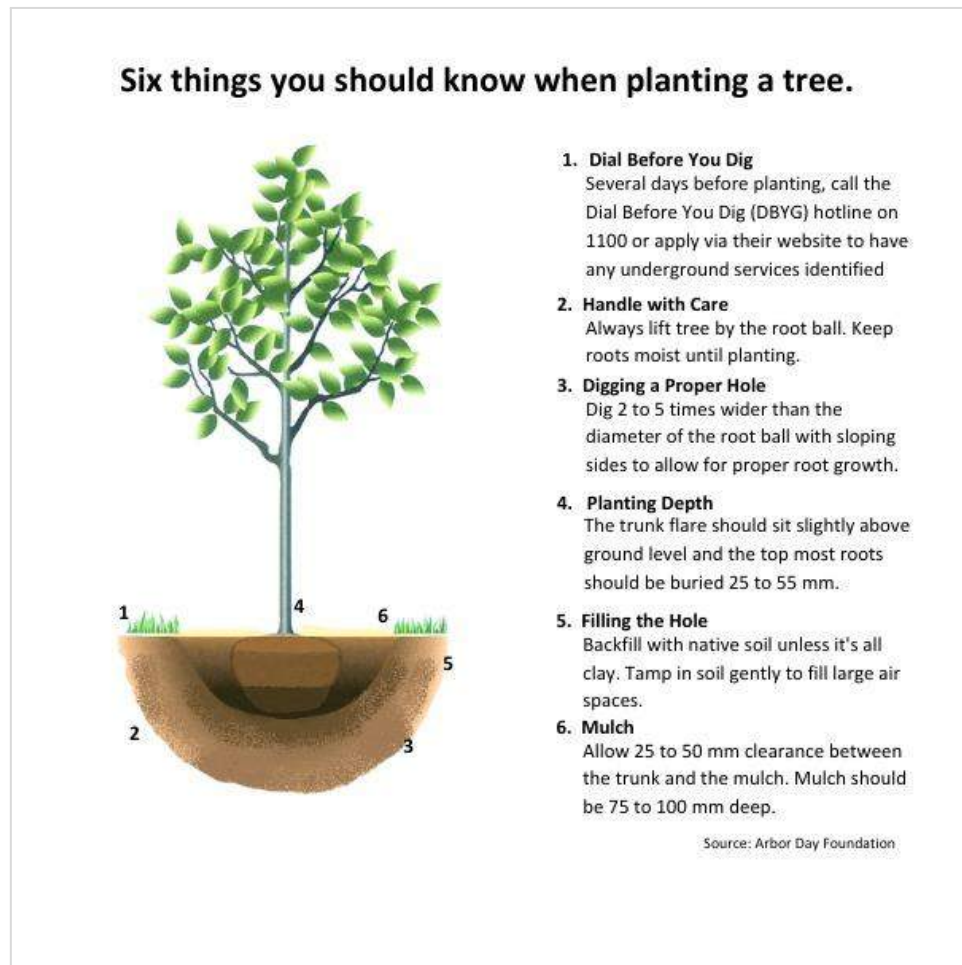


Figure 10: Recommended tree planting process. (Arbor Day Foundation, 2019)

6.4. Generic Tree Protection

Generic tree protection measures are recommended to restrict construction activities within the TPZ which may adversely affect the health and condition of a tree to be retained. In order of precedence, the following is required for trees to be retained. Tree protection measures are to be installed and maintained as shown in Appendix C - Tree Protection Plan.

1. Install TPZ fencing and signage as per Appendix C - Tree Protection Plan. Where impractical and subject to Project Arborist approval;
2. Install trunk and ground protection where machine access is required.

Notes:

- All activities within the fenced TPZ are to be supervised by the project arborist.
- TPZ fencing is not to be moved.

6.5. Specific Tree Protection Measures

Table 8 shows specific tree protection measures that are required to ensure the trees nominated for retention remain viable post-construction. These measures are to be read in conjunction with Appendix C – Tree Protection Plan. The TPP indicates the position of tree protection devices and other measures to ensure the protection of trees within the site to be retained as part of the proposed development.

Table 8: Specific Tree Protection Measures

Specific Recommendation	No. of Trees	Tree Numbers	Implementation Details
Tree Protection Fencing	20	All retained trees: 42-44, 46, 150, 153-155, 265, 267, 269-270, 278, 284, 289-293, 296	Fencing at TPZ boundary prior to site establishment. Signage at 10m intervals.
Tree-sensitive landscaping - no machinery in NRZ	20	All retained trees: 42-44, 46, 150, 153-155, 265, 267, 269-270, 278, 284, 289-293, 296	Hand planting only within NRZ. No excavators, trenchers, or similar equipment. See Section 6.5.1.
Project Arborist supervision of all NRZ works	20	All retained trees: 42-44, 46, 150, 153-155, 265, 267, 269-270, 278, 284, 289-293, 296	All activities within NRZ supervised. Arborist to be on-site during works.
Irrigation installation and maintenance	5	45, 150, 154, 155, 258	Irrigation system to offset root loss.
Mulch application (100mm depth)	5	45, 150, 154, 155, 258	Composted hardwood mulch to maintain soil moisture and temperature.

7. References

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8. Appendix A - IACA Significance of a Tree, Assessment Rating System (STARS) ©

Tree Landscape Significance - Assessment Criteria

1. High Significance in landscape	2. Medium Significance in landscape	3. Low Significance in landscape
The tree is in good condition and good vigour; The tree has a form typical for the species; The tree is a remnant or is a planted locally indigenous specimen and/or is rare or uncommon in the local area or of botanical interest or of substantial age; The tree is listed as a Heritage Item, Threatened Species or part of an Endangered ecological community or listed on Councils significant Tree Register; The tree is visually prominent and visible from a considerable distance when viewed from most directions within the landscape due to its size and scale and makes a positive contribution to the local amenity; The tree supports social and cultural sentiments or spiritual associations, reflected by the broader population or community group or has commemorative values; The tree's growth is unrestricted by above and below ground influences, supporting its ability to reach dimensions typical for the taxa <i>in situ</i> - tree is appropriate to the site conditions.	The tree is in fair-good condition and good or low vigour; The tree has form typical or atypical of the species; The tree is a planted locally indigenous or a common species with its taxa commonly planted in the local area The tree is visible from surrounding properties, although not visually prominent as partially obstructed by other vegetation or buildings when viewed from the street, The tree provides a fair contribution to the visual character and amenity of the local area, The tree's growth is moderately restricted by above or below ground influences, reducing its ability to reach dimensions typical for the taxa <i>in situ</i>. Notes The tree is to have a minimum of three (3) criteria in a category to be classified in that group. The assessment criteria are for individual trees only, however, can be applied to a monocultural stand in its entirety e.g. hedge.	The tree is in fair-poor condition and good or low vigour; The tree has form atypical of the species; The tree is not visible or is partly visible from surrounding properties as obstructed by other vegetation or buildings, The tree provides a minor contribution or has a negative impact on the visual character and amenity of the local area, The tree is a young specimen which may or may not have reached dimension to be protected by local Tree Preservation orders or similar protection mechanisms and can easily be replaced with a suitable specimen, The tree's growth is severely restricted by above or below ground influences, unlikely to reach dimensions typical for the taxa <i>in situ</i> - tree is inappropriate to the site conditions, The tree is listed as exempt under the provisions of the local Council Tree Preservation Order or similar protection mechanisms, The tree has a wound or defect that has potential to become structurally unsound. Environmental Pest / Noxious Weed Species The tree is an Environmental Pest Species due to its invasiveness or poisonous/ allergenic properties, The tree is a declared noxious weed by legislation. Hazardous/Irreversible Decline The tree is structurally unsound and/or unstable and is considered potentially dangerous, The tree is dead, or is in irreversible decline, or has the potential to fail or collapse in full or part in the immediate to short term.

Estimated Life Expectancy

1. Long	2. Medium	3. Short	4. Remove
Trees that appear to be retainable with an acceptable level of risk for more than 40 years. Structurally sound trees located in positions that can accommodate future growth. Storm damaged or defective trees that could be made suitable for retention in the long term by remedial tree surgery. Trees of special significance for historical, commemorative, or rarity reasons that would warrant extraordinary efforts to secure their long-term retention.	Trees that appear to be retainable with an acceptable level of risk for 15-40 years. Trees that may only live between 15 and 40 more years. Trees that may live for more than 40 years but would be removed to allow the safe development of more suitable individuals. Trees that may live for more than 40 years but would be removed during the course of normal management for safety or nuisance reasons. Storm damaged or defective trees that require substantial remedial work to make safe and are only suitable for retention in the short term.	Trees that appear to be retainable with an acceptable level of risk for 5-15 years. Trees that may only live between 5 and 15 more years. Trees that may live for more than 15 years but would be removed to allow the safe development of more suitable individuals. Trees that may live for more than 15 years but would be removed during the course of normal management for safety or nuisance reasons. Storm damaged or defective trees that require substantial remedial work to make safe and are only suitable for retention in the short term.	Trees with a high level of risk that would need removing within the next 5 years. Dead trees. Trees that should be removed within the next 5 years. Dying or suppressed or declining trees through disease or inhospitable conditions. Dangerous trees through instability or recent loss of adjacent trees. Dangerous trees through structural defects, including cavities, decay, included bark, wounds, or poor form. Damaged trees that are considered unsafe to retain. 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. Trees that will become dangerous after removal of trees for other reasons.

Tree Retention Value – Priority Matrix

		Landscape Significance Rating				
		1 (High)	2 (Medium)	3 (Low)	4 (Environmental Pest / Noxious Weed)	5 (Hazardous / Irreversible Decline)
Estimated Life Expectancy	Long (>40)	High - Priority for Retention	High - Priority for Retention	Medium - Consider for Retention	Low - Consider for Removal	Priority for Removal
	Medium (15-40)	High - Priority for Retention	Medium - Consider for Retention	Medium - Consider for Retention Low - Consider for Removal	Low - Consider for Removal	Priority for Removal
	Short (5-15)	Low - Consider for Removal	Low - Consider for Removal	Low - Consider for Removal	Priority for Removal	Priority for Removal
	Dead Or Hazardous (0-5)	Low - Consider for Removal	Priority for Removal	Priority for Removal	Priority for Removal	Priority for Removal

Legend for Matrix Assessment

High - Priority for Retention	These trees are considered important for retention and should be retained and protected. Design modification or re-location of buildings should be considered to accommodate the setbacks as prescribed by the Australian Standard AS4970-2025 <i>Protection of trees on development sites</i> . Tree-sensitive construction must be implemented, e.g. pier and beam, etc if works are to proceed within the Tree Protection Zone
Medium - Consider for Retention	These trees may be retained and protected. These are considered less critical; however, their retention should remain a priority with removal considered only if adversely affecting the proposed building/works and all other alternatives have been considered exhausted.
Low - Consider for Removal	These trees are not important for retention, nor require special works or design modification to be implemented for their retention.
Priority for Removal	These trees are considered hazardous, or in irreversible decline, or weeds and should be removed irrespective of development.

9. Appendix B - Tree Assessment Schedule

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
1	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	1	29	35	3.5	38.0	2.1	8	6	Poor	Poor	Semi-mature	Dead Or Hazardous/Remove (0-5)	Deadwood major (>10cm diameter), Dieback, Excessively thin crown density, Wound(s)		Protected	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
2	<i>Syzygium paniculatum</i>	Brush Cherry	1	41	46	4.9	76.0	2.4	12	8	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
3	<i>Syzygium paniculatum</i>	Brush Cherry	1	40	45	4.8	72.4	2.4	12	10	Good	Good	Semi-mature	Medium (15-40)	Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
4	<i>Platanus x acerifolia</i>	London plane	1	82	92	9.8	304.2	3.2	11	11	Fair	Fair	Mature	Medium (15-40)	Canker(s), Co-dominant stems, Deadwood minor (<3cm diameter), Epicormic shoots, Mistletoe, Poor pruning, Wound(s)	Surface roots	Protected	Exotic	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
5	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	1	40	48	4.8	72.4	2.4	12	14	Fair	Fair	Mature	Short (5-15)	Co-dominant stems, Deadwood moderate (3-10cm diameter), Dieback, Epicormic shoots, Resin/kino/sap flow, Wound(s)		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
6	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	1	35	42	4.2	55.4	2.3	11	9	Good	Poor	Semi-mature	Short (5-15)	Asymmetrical crown, Cavity, Deadwood moderate (3-10cm diameter), Decay, Dieback, Fungal fruiting body(s)	Trunk wound with multiple fungal fruiting bodies.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
7	<i>Grevillea robusta</i>	Silky Oak	4	20	22	2.4	18.1	1.8	10	4	Good	Good	Semi-mature	Medium (15-40)	Co-dominant stems	Not tagged. Can't access. self sown.	Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
8	<i>Corymbia maculata</i>	Spotted Gum	1	31	36	3.7	43.5	2.2	10	9	Good	Good	Semi-mature	Long (>40)			Protected	Native	2 (Medium)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
9	<i>Corymbia maculata</i>	Spotted Gum	1	13	15	2.0	12.6	1.5	9	2	Good	Good	Semi-mature	Long (>40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
10	<i>Corymbia maculata</i>	Spotted Gum	1	10	12	2.0	12.6	1.5	6	3	Good	Fair	Juvenile	Medium (15-40)	Suppressed		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
11	<i>Corymbia maculata</i>	Spotted Gum	1	16	20	2.0	12.6	1.7	9	3	Good	Good	Semi-mature	Long (>40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
12	<i>Acacia saligna</i>	Golden Wreath Wattle	1	14	16	2.0	12.6	1.5	8	8	Poor	Fair	Semi-mature	Short (5-15)	Excessively thin crown density		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
13	<i>Corymbia maculata</i>	Spotted Gum	1	58	65	7.0	152.2	2.8	20	16	Good	Good	Mature	Long (>40)	Deadwood moderate (3-10cm diameter)		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
14	<i>Corymbia maculata</i>	Spotted Gum	1	24	28	2.9	26.1	1.9	10	7	Good	Good	Semi-mature	Long (>40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
15	<i>Corymbia maculata</i>	Spotted Gum	1	20	24	2.4	18.1	1.8	10	4	Good	Good	Semi-mature	Long (>40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
16	<i>Corymbia maculata</i>	Spotted Gum	1	12	16	2.0	12.6	1.5	8	2	Fair	Fair	Juvenile	Short (5-15)	Suppressed		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
17	<i>Eucalyptus elata</i>	River Peppermint	1	17	20	2.0	13.1	1.7	8	8	Good	Fair	Juvenile	Short (5-15)	Asymmetrical crown, Epicormic shoots, Suppressed		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
18	<i>Corymbia maculata</i>	Spotted Gum	1	46	54	5.5	95.7	2.6	16	16	Good	Good	Semi-mature	Long (>40)			Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
19	<i>Eucalyptus elata</i>	River Peppermint	1	13	15	2.0	12.6	1.5	8	4	Good	Fair	Juvenile	Short (5-15)	Asymmetrical crown, Suppressed		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
20	<i>Corymbia maculata</i>	Spotted Gum	1	20	22	2.4	18.1	1.8	11	4	Good	Fair	Semi-mature	Medium (15-40)	Suppressed		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
21	<i>Corymbia maculata</i>	Spotted Gum	1	14	16	2.0	12.6	1.5	6	1	Good	Good	Juvenile	Long (>40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
22	<i>Corymbia maculata</i>	Spotted Gum	1	12	14	2.0	12.6	1.5	6	2	Good	Good	Juvenile	Long (>40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
23	<i>Corymbia maculata</i>	Spotted Gum	1	55	64	6.6	136.8	2.7	25	12	Good	Good	Mature	Long (>40)			Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%); Fill: 100.00%, Footpath: 4.81%, Hardstand (Road and Warehouse): 63.48% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Footpath (Medium Impact): 4.81% - Footpath is possible provided it is installed at or above existing grade and works are tree sensitive; Hardstand (Road and Warehouse) (Critical Impact): 63.48% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
24	<i>Dead tree</i>	Dead tree	1	50	50	6.0	113.1	2.5	12	12	Dead	Hazardous	Mature	Dead Or Hazardous/Remove (0-5)	Climbing vine, Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 27.58% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 27.58% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
25	<i>Dead tree</i>	Dead tree	1	30	30	3.6	40.7	2.0	12	4	Dead	Hazardous	Mature	Dead Or Hazardous/Remove (0-5)	Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%); Fill: 100.00%, Hardstand (Road and Warehouse): 0.55% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 0.55% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
26	<i>Corymbia maculata</i>	Spotted Gum	1	39	45	4.7	68.8	2.4	15	12	Good	Good	Mature	Long (>40)			Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 8.21% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 8.21% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
27	<i>Corymbia maculata</i>	Spotted Gum	1	33	38	4.0	49.3	2.2	15	10	Good	Fair	Semi-mature	Medium (15-40)	Suppressed		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Fill: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained	Remove - project impacts	
28	<i>Corymbia maculata</i>	Spotted Gum	1	51	55	6.1	117.7	2.6	15	15	Good	Poor	Mature	Short (5-15)	Asymmetrical crown, Decay, Previous failure(s), Suppressed, Uncorrected lean, Wound(s)	Long established trunk and poor suppressed form.	Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Footpath: 11.64%, Pylon sign: 2.59% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Footpath (Medium Impact): 11.64% - Footpath is possible provided it is installed at or above existing grade and works are tree sensitive; Pylon sign (Medium Impact): 2.59% - Sign will need to be relocated outside SRZ	Remove - project impacts	
29	<i>Corymbia maculata</i>	Spotted Gum	1	70	75	8.4	221.7	2.9	17	15	Good	Good	Mature	Long (>40)	Climbing vine, Co-dominant stems	Trunk estimated due to vine smothering	Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 87.43%, Footpath: 9.44%, Pylon sign: 1.38%, Hardstand (Road and Warehouse): 3.53% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 87.43% - Fill will need to be deleted if trees are to be retained; Footpath (Medium Impact): 9.44% - Footpath is possible provided it is installed at or above existing grade and works are tree sensitive; Pylon sign (Medium Impact): 1.38% - Sign will need to be relocated outside SRZ; Hardstand (Road and Warehouse) (Critical Impact): 3.53% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
30	<i>Corymbia maculata</i>	Spotted Gum	1	35	40	4.2	55.4	2.3	14	7	Good	Good	Semi-mature	Medium (15-40)	Climbing vine	Trunk estimated due to vine smothering.	Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.01%): Fill: 64.95%, Hardstand (Road and Warehouse): 58.34% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 64.95% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 58.34% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
31	<i>Corymbia maculata</i>	Spotted Gum	1	31	36	3.7	43.5	2.2	12	10	Good	Good	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
32	Dead tree	Dead tree	1	18	18	2.2	14.7	1.6	5	1	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
33	Dead tree	Dead tree	1	20	22	2.4	18.1	1.8	9	1	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
34	<i>Eucalyptus robusta</i>	Swamp Mahogany	1	37	45	4.4	61.9	2.4	12	12	Good	Good	Semi-mature	Medium (15-40)	Leaf feeding insect		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
35	Dead tree	Dead tree	1	13	13	2.0	12.6	1.5	6	2	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Climbing vine, Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
36	<i>Casuarina glauca</i>	Swamp Sheoak	1	23	25	2.8	23.9	1.8	11	4	Poor	Fair	Semi-mature	Short (5-15)	Climbing vine, Co-dominant stems, Dieback		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
37	<i>Corymbia maculata</i>	Spotted Gum	1	41	45	4.9	76.0	2.4	18	12	Good	Fair	Mature	Long (>40)	Asymmetrical crown, Deadwood minor (<3cm diameter)		Protected	Native	2 (Medium)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 75.66%, Footpath: 19.10%, Landscape reveg area: 14.93%, Hardstand (Road and Warehouse): 69.29% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 75.66% - Fill will need to be deleted if trees are to be retained; Footpath (Medium Impact): 19.10% - Footpath is possible provided it is installed at or above existing grade and works are tree sensitive; Landscape reveg area (Low Impact): 14.93% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 69.29% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
38	<i>Corymbia maculata</i>	Spotted Gum	1	48	55	5.8	104.2	2.6	20	14	Good	Good	Mature	Long (>40)			Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 54.17%, Footpath: 22.09%, Landscape reveg area: 33.65%, Hardstand (Road and Warehouse): 48.36% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 54.17% - Fill will need to be deleted if trees are to be retained; Footpath (Medium Impact): 22.09% - Footpath is possible provided it is installed at or above existing grade and works are tree sensitive; Landscape reveg area (Low Impact): 33.65% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 48.36% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
39	Dead tree	Dead tree	1	25	25	3.0	28.3	1.8	6	4	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Climbing vine, Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 97.64%, Landscape reveg area: 8.67%, Hardstand (Road and Warehouse): 90.98% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 97.64% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 8.67% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 90.98% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
40	<i>Corymbia maculata</i>	Spotted Gum	1	52	62	6.2	122.3	2.7	20	16	Good	Good	Mature	Long (>40)			Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 26.59%, Footpath: 20.25%, Landscape reveg area: 61.87%, Hardstand (Road and Warehouse): 21.73% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 26.59% - Fill will need to be deleted if trees are to be retained; Footpath (Medium Impact): 20.25% - Footpath is possible provided it is installed at or above existing grade and works are tree sensitive; Landscape reveg area (Low Impact): 61.87% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 21.73% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
41	Dead tree	Dead tree	1	38	38	4.6	65.3	2.2	15	10	Dead	Hazardous	Mature	Dead Or Hazardous/Remove (0-5)	Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
42	<i>Corymbia maculata</i>	Spotted Gum	1	45.79	55	5.5	94.9	2.6	12	12	Good	Fair	Mature	Medium (15-40)	Asymmetrical crown, Co-dominant stems, Suppressed		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
43	<i>Corymbia maculata</i>	Spotted Gum	1	43	49	5.2	83.6	2.5	20	15	Good	Good	Mature	Long (>40)			Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
44	<i>Corymbia maculata</i>	Spotted Gum	1	45	52	5.4	91.6	2.5	20	15	Good	Good	Mature	Long (>40)	Mistletoe		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 3.41%, Landscape reveg area: 96.72%, Hardstand (Road and Warehouse): 3.28% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 3.41% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 96.72% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 3.28% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Retain - generic plus	
45	<i>Corymbia maculata</i>	Spotted Gum	1	51	56	6.1	117.7	2.6	22	12	Good	Good	Mature	Long (>40)			Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 13.54%, Substation: 1.42%, Landscape reveg area: 86.29%, Hardstand (Road and Warehouse): 12.29% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 13.54% - Fill will need to be deleted if trees are to be retained; Substation (Medium Impact): 1.42% - Substation will need to be relocated outside NRZ; Landscape reveg area (Low Impact): 86.29% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 12.29% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ. Mulch and irrigation to be installed and maintained to offset root loss

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
46	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	1	25	28	3.0	28.3	1.9	7	2	Fair	Poor	Semi-mature	Short (5-15)	Climbing vine, Co-dominant stems, Suppressed		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 94.55% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
47	<i>Corymbia maculata</i>	Spotted Gum	1	53	60	6.4	127.1	2.7	20	15	Good	Good	Mature	Long (>40)	Previous failure(s), Wound(s)		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 29.59%, Substation: 15.14%, Landscape reveg area: 58.60%, Hardstand (Road and Warehouse): 25.75% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 29.59% - Fill will need to be deleted if trees are to be retained; Substation (Medium Impact): 15.14% - Substation will need to be relocated outside NRZ; Landscape reveg area (Low Impact): 58.60% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 25.75% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
48	<i>Casuarina glauca</i>	Swamp Sheoak	1	19	22	2.3	16.3	1.8	14	6	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
49	<i>Casuarina glauca</i>	Swamp Sheoak	1	14	16	2.0	12.6	1.5	12	4	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
50	<i>Casuarina glauca</i>	Swamp Sheoak	1	13	15	2.0	12.6	1.5	9	2	Fair	Poor	Juvenile	Short (5-15)	Asymmetrical crown, Climbing vine, Suppressed, Uncorrected lean		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
51	<i>Casuarina glauca</i>	Swamp Sheoak	1	24	26	2.9	26.1	1.9	20	4	Good	Poor	Semi-mature	Short (5-15)	Climbing vine	Poor HD ratio	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
52	<i>Casuarina glauca</i>	Swamp Sheoak	1	14	16	2.0	12.6	1.5	10	2	Good	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
53	<i>Casuarina glauca</i>	Swamp Sheoak	1	13	15	2.0	12.6	1.5	12	2	Good	Good	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
54	<i>Dead tree</i>	Dead tree	1	16	18	2.0	12.6	1.6	12	2	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Climbing vine, Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
55	<i>Casuarina glauca</i>	Swamp Sheoak	1	18	20	2.2	14.7	1.7	12	4	Good	Good	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
56	<i>Casuarina glauca</i>	Swamp Sheoak	1	15	18	2.0	12.6	1.6	10	3	Good	Good	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
57	<i>Acacia saligna</i>	Golden Wreath Wattle	1	15	17	2.0	12.6	1.6	6	6	Fair	Poor	Semi-mature	Short (5-15)	Asymmetrical crown, Climbing vine, Hanger(s), Previous failure(s), Wound(s)		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
58	<i>Acacia saligna</i>	Golden Wreath Wattle	1	21	24	2.5	20.0	1.8	7	7	Fair	Poor	Semi-mature	Short (5-15)	Deadwood minor (<3cm diameter), Dieback, Wound(s)		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
59	<i>Corymbia maculata</i>	Spotted Gum	1	10	10	2.0	12.6	1.5	6	1	Fair	Fair	Juvenile	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 72.08%, Footpath: 70.67%, Landscape reveg area: 16.14% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 72.08% - Fill will need to be deleted if trees are to be retained; Footpath (Medium Impact): 70.67% - Footpath is possible provided it is installed at or above existing grade and works are tree sensitive; Landscape reveg area (Low Impact): 16.14% - Works largely relate to planting which can be done without heavy machinery	Remove - project impacts	
60	<i>Acacia saligna</i>	Golden Wreath Wattle	1	27	33	3.2	33.0	2.1	8	6	Fair	Fair	Mature	Short (5-15)	Climbing vine, Previous failure(s), Wound(s)		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
61	<i>Acacia saligna</i>	Golden Wreath Wattle	1	28	33	3.4	35.5	2.1	8	10	Good	Fair	Mature	Short (5-15)	Climbing vine, Co-dominant stems, included bark		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
62	<i>Casuarina glauca</i>	Swamp Sheoak	1	22	25	2.6	21.9	1.8	14	4	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
63	<i>Dead tree</i>	Dead tree	1	20	20	2.4	18.1	1.7	8	2	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Climbing vine, Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
64	<i>Casuarina glauca</i>	Swamp Sheoak	1	16	17	2.0	12.6	1.6	14	3	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
65	<i>Casuarina glauca</i>	Swamp Sheoak	1	15	16	2.0	12.6	1.5	12	5	Fair	Poor	Semi-mature	Short (5-15)	Asymmetrical crown, Climbing vine, Damaging infrastructure, Self-sown and inappropriately located	Growing through fence.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
66	<i>Casuarina glauca</i>	Swamp Sheoak	1	22	25	2.6	21.9	1.8	15	6	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
67	<i>Casuarina glauca</i>	Swamp Sheoak	1	20	22	2.4	18.1	1.8	14	6	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
68	<i>Casuarina glauca</i>	Swamp Sheoak	1	20	22	2.4	18.1	1.8	12	3	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
69	<i>Casuarina glauca</i>	Swamp Sheoak	1	18	20	2.2	14.7	1.7	12	2	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
70	Casuarina glauca	Swamp Sheoak	1	22	24	2.6	21.9	1.8	12	6	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
71	Casuarina glauca	Swamp Sheoak	1	22	24	2.6	21.9	1.8	12	6	Good	Fair	Semi-mature	Medium (15-40)	Climbing vine, Crack or split		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
72	Casuarina glauca	Swamp Sheoak	1	16	18	2.0	12.6	1.6	11	3	Fair	Fair	Semi-mature	Medium (15-40)	Asymmetrical crown, Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
73	Casuarina glauca	Swamp Sheoak	1	23	26	2.8	23.9	1.9	15	4	Good	Fair	Semi-mature	Medium (15-40)	Climbing vine, Self-sown and inappropriately located	Touching fence.	Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
74	Casuarina glauca	Swamp Sheoak	1	24	26	2.9	26.1	1.9	12	6	Good	Fair	Semi-mature	Medium (15-40)	Climbing vine, Self-sown and inappropriately located	Touching fence.	Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
75	Casuarina glauca	Swamp Sheoak	1	22	25	2.6	21.9	1.8	12	4	Good	Fair	Semi-mature	Medium (15-40)	Co-dominant stems, Self-sown and inappropriately located	Touching fence.	Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
76	Casuarina glauca	Swamp Sheoak	1	16	17	2.0	12.6	1.6	10	3	Fair	Fair	Semi-mature	Short (5-15)	Climbing vine, Self-sown and inappropriately located	Touching fence	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
77	Casuarina glauca	Swamp Sheoak	1	21.93	25	2.6	21.8	1.8	12	4	Fair	Fair	Semi-mature	Medium (15-40)	Climbing vine		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
78	Casuarina glauca	Swamp Sheoak	4	18	22	2.2	14.7	1.8	10	4	Good	Fair	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
79	Casuarina glauca	Swamp Sheoak	1	16	19	2.0	12.6	1.6	8	3	Good	Fair	Semi-mature	Medium (15-40)			Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
80	Casuarina glauca	Swamp Sheoak	2	14	18	2.0	12.6	1.6	8	3	Good	Fair	Semi-mature	Short (5-15)			Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
81	Casuarina glauca	Swamp Sheoak	1	20	25	2.4	18.1	1.8	11	4	Fair	Fair	Semi-mature	Short (5-15)	Climbing vine		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
82	Casuarina glauca	Swamp Sheoak	1	16	19	2.0	12.6	1.6	8	3	Good	Good	Semi-mature	Medium (15-40)	Climbing vine, Co-dominant stems		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
83	Casuarina glauca	Swamp Sheoak	1	18	24	2.2	14.7	1.8	10	5	Fair	Fair	Semi-mature	Short (5-15)	Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
84	Casuarina glauca	Swamp Sheoak	1	19	24	2.3	16.3	1.8	11	5	Good	Fair	Semi-mature	Short (5-15)			Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
85	Casuarina glauca	Swamp Sheoak	1	18	23	2.2	14.7	1.8	10	4	Good	Fair	Semi-mature	Medium (15-40)	Previous failure(s)		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
86	Corymbia maculata	Spotted Gum	1	61.35	87	7.4	170.3	3.1	21	16	Excellent	Good	Mature	Long (>40)	Previous failure(s)		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
87	Corymbia maculata	Spotted Gum	1	60	69	7.2	162.9	2.8	16	18	Good	Good	Mature	Long (>40)			Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
88	Corymbia maculata	Spotted Gum	1	13.6	15	2.0	12.6	1.5	8	3	Good	Poor	Semi-mature	Short (5-15)	Co-dominant stems, Poor pruning, Wound(s)	Lopped at 1m.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
89	Acacia saligna	Golden Wreath Wattle	1	14	16	2.0	12.6	1.5	7	5	Good	Good	Semi-mature	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
90	Acacia saligna	Golden Wreath Wattle	1	22	25	2.6	21.9	1.8	8	9	Fair	Fair	Semi-mature	Short (5-15)	Asymmetrical crown, Dieback, Excessively thin crown density		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
91	Acacia saligna	Golden Wreath Wattle	7	10	12	2.0	12.6	1.5	6	2	Good	Good	Juvenile	Short (5-15)	Co-dominant stems		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
92	Acacia saligna	Golden Wreath Wattle	1	17	20	2.0	13.1	1.7	8	6	Fair	Fair	Semi-mature	Short (5-15)	Deadwood minor (<3cm diameter), Dieback, Hanger(s)		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
93	Acacia saligna	Golden Wreath Wattle	1	17.03	19	2.0	13.1	1.6	8	6	Fair	Fair	Semi-mature	Short (5-15)	Co-dominant stems		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
94	Acacia saligna	Golden Wreath Wattle	1	13	15	2.0	12.6	1.5	8	2	Fair	Fair	Semi-mature	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
95	Acacia saligna	Golden Wreath Wattle	1	12	14	2.0	12.6	1.5	7	4	Good	Good	Semi-mature	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
96	Acacia saligna	Golden Wreath Wattle	1	15	18	2.0	12.6	1.6	8	7	Fair	Good	Semi-mature	Short (5-15)	Climbing vine		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
97	Acacia saligna	Golden Wreath Wattle	1	8	90	2.0	12.6	3.2	6	3	Good	Fair	Juvenile	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
98	Acacia saligna	Golden Wreath Wattle	1	10	13	2.0	12.6	1.5	6	4	Fair	Fair	Juvenile	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
99	Grevillea robusta	Silky Oak	1	37	37	4.4	61.9	2.2	8	7	Good	Poor	Semi-mature	Short (5-15)	Climbing vine, Co-dominant stems, included bark		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
100	Acacia saligna	Golden Wreath Wattle	1	41	41	4.9	76.0	2.3	8	10	Poor	Poor	Mature	Dead Or Hazardous/Remove (0-5)	Co-dominant stems, Deadwood moderate (3-10cm diameter), Dieback, Excessively thin crown density		Exempt	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
101	Acacia sp.	Wattle	1	21	25	2.5	20.0	1.8	8	8	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
102	Acacia saligna	Golden Wreath Wattle	1	18	20	2.2	14.7	1.7	8	8	Fair	Fair	Semi-mature	Short (5-15)	Co-dominant stems, Dieback		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
103	Acacia saligna	Golden Wreath Wattle	1	16	19	2.0	12.6	1.6	7	5	Poor	Poor	Semi-mature	Dead Or Hazardous/Remove (0-5)	Deadwood moderate (3-10cm diameter), Dieback, Excessively thin crown density		Exempt	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
104	Casuarina glauca	Swamp Sheoak	1	20	22	2.4	18.1	1.8	10	7	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
105	Acacia saligna	Golden Wreath Wattle	1	22	25	2.6	21.9	1.8	7	8	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
106	Acacia sp.	Wattle	1	25.79	30	3.1	30.1	2.0	8	8	Fair	Fair	Mature	Short (5-15)	Co-dominant stems		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
107	Casuarina glauca	Swamp Sheoak	1	23	26	2.8	23.9	1.9	12	4	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
108	Casuarina glauca	Swamp Sheoak	1	20	22	2.4	18.1	1.8	12	4	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
109	Casuarina glauca	Swamp Sheoak	1	19	21	2.3	16.3	1.7	10	4	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
110	Casuarina glauca	Swamp Sheoak	1	20	22	2.4	18.1	1.8	10	6	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
111	Casuarina glauca	Swamp Sheoak	1	28	32	3.4	35.5	2.1	12	10	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
112	Casuarina glauca	Swamp Sheoak	1	16	18	2.0	12.6	1.6	12	4	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
113	Casuarina glauca	Swamp Sheoak	1	18	20	2.2	14.7	1.7	12	4	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
114	Casuarina glauca	Swamp Sheoak	1	21	24	2.5	20.0	1.8	12	4	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
115	Casuarina glauca	Swamp Sheoak	1	25	28	3.0	28.3	1.9	14	8	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
116	Casuarina glauca	Swamp Sheoak	1	21	23	2.5	20.0	1.8	12	4	Good	Good	Semi-mature	Medium (15-40)	Asymmetrical root plate	Next to gutter.	Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
117	Acacia saligna	Golden Wreath Wattle	1	42	42	5.0	79.8	2.3	10	10	Fair	Fair	Mature	Short (5-15)	Co-dominant stems, Deadwood minor (<3cm diameter), Dieback, Included bark		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
118	Acacia saligna	Golden Wreath Wattle	1	8	11	2.0	12.6	1.5	5	1	Good	Good	Juvenile	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
119	Acacia saligna	Golden Wreath Wattle	1	12	14	2.0	12.6	1.5	6	4	Poor	Poor	Semi-mature	Short (5-15)	Deadwood minor (<3cm diameter), Dieback, Hanger(s)		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
120	Casuarina glauca	Swamp Sheoak	1	13	15	2.0	12.6	1.5	7	3	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
121	Acacia saligna	Golden Wreath Wattle	1	29	31	3.5	38.0	2.0	8	10	Good	Fair	Mature	Short (5-15)	Co-dominant stems, Included bark		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
122	Casuarina glauca	Swamp Sheoak	1	16	19	2.0	12.6	1.6	6	4	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
123	Acacia saligna	Golden Wreath Wattle	1	33	33	4.0	49.3	2.1	8	10	Good	Fair	Mature	Short (5-15)	Co-dominant stems, Included bark, Weak attachments		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
124	Acacia saligna	Golden Wreath Wattle	1	20.42	25	2.5	18.9	1.8	6	8	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems, Included bark		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
125	Casuarina glauca	Swamp Sheoak	1	12	40	2.0	12.6	2.3	6	2	Good	Good	Juvenile	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
126	Acacia saligna	Golden Wreath Wattle	1	26	26	3.1	30.6	1.9	5	10	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems, Included bark		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
127	Casuarina glauca	Swamp Sheoak	1	12	14	2.0	12.6	1.5	6	2	Good	Good	Juvenile	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
128	Casuarina glauca	Swamp Sheoak	1	19	21	2.3	16.3	1.7	5	5	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
129	Acacia saligna	Golden Wreath Wattle	1	37.16	42	4.5	62.5	2.3	7	8	Good	Fair	Mature	Short (5-15)	Co-dominant stems, Included bark		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
130	Casuarina glauca	Swamp Sheoak	1	16	19	2.0	12.6	1.6	6	2	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
131	Angophora costata	Smooth-barked Apple Myrtle	1	15	18	2.0	12.6	1.6	7	2	Good	Good	Semi-mature	Long (>40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Cut: 56.63%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
132	Acacia saligna	Golden Wreath Wattle	1	38.28	43	4.6	66.3	2.3	8	13	Fair	Poor	Mature	Short (5-15)	Co-dominant stems, Crack or split, Included bark, Partial failure	Northern stem is cracked.	Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
133	Angophora costata	Smooth-barked Apple Myrtle	1	18	20	2.2	14.7	1.7	7	2	Good	Good	Semi-mature	Long (>40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
134	Casuarina glauca	Swamp Sheoak	1	18	21	2.2	14.7	1.7	7	4	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems, Included bark		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
135	Acacia saligna	Golden Wreath Wattle	1	27	31	3.2	33.0	2.0	6	10	Good	Good	Mature	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
136	Acacia saligna	Golden Wreath Wattle	1	27	34	3.2	33.0	2.1	6	10	Good	Fair	Mature	Short (5-15)	Co-dominant stems, Included bark		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 3.79%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 3.79% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
137	Casuarina glauca	Swamp Sheoak	1	14	17	2.0	12.6	1.6	5	5	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
138	Casuarina glauca	Swamp Sheoak	1	12	14	2.0	12.6	1.5	6	4	Good	Good	Juvenile	Long (>40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 98.63%, Cut: 24.14%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 98.63% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 24.14% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
139	Acacia saligna	Golden Wreath Wattle	1	32.25	38	3.9	47.1	2.2	6	10	Good	Fair	Mature	Short (5-15)	Co-dominant stems, Included bark		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 61.94%, Cut: 54.51%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 61.94% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 54.51% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
140	Acacia saligna	Golden Wreath Wattle	1	38	38	4.6	65.3	2.2	10	14	Fair	Poor	Mature	Short (5-15)	Co-dominant stems, Crack or split, Included bark, Previous failure(s), Weak attachments		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 81.57%, Cut: 48.67%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 81.57% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 48.67% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
141	Eucalyptus saligna	Sydney Blue Gum	2	18	20	2.2	14.7	1.7	6	6	Good	Poor	Semi-mature	Short (5-15)	Constrained growing environment	No tag, growing out of shipping container	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 8.52%, Landscape reveg area: 5.02%, Hardstand (Road and Warehouse): 93.44% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 8.52% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 5.02% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 93.44% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
142	Eucalyptus saligna	Sydney Blue Gum	2	18	20	2.2	14.7	1.7	8	3	Good	Poor	Semi-mature	Short (5-15)	Constrained growing environment	No tag, growing out of shipping container	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 14.63%, Landscape reveg area: 5.73%, Hardstand (Road and Warehouse): 91.54% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 14.63% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 5.73% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 91.54% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
143	Eucalyptus saligna	Sydney Blue Gum	3	15	16	2.0	12.6	1.5	8	4	Good	Poor	Semi-mature	Short (5-15)	Constrained growing environment	No tag, growing out of shipping container	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 4.53%, Landscape reveg area: 8.63%, Hardstand (Road and Warehouse): 79.28% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 4.53% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 8.63% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 79.28% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
144	<i>Eucalyptus saligna</i>	Sydney Blue Gum	1	20	22	2.4	18.1	1.8	8	4	Good	Poor	Semi-mature	Short (5-15)	Constrained growing environment	No tag, growing out of shipping container	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 30.08%, Landscape reveg area: 6.21%, Hardstand (Road and Warehouse): 87.82% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 30.08% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 6.21% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 87.82% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
145	<i>Eucalyptus saligna</i>	Sydney Blue Gum	1	20	22	2.4	18.1	1.8	9	5	Good	Poor	Semi-mature	Short (5-15)	Constrained growing environment	No tag, growing out of shipping container.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 39.91%, Landscape reveg area: 4.89%, Hardstand (Road and Warehouse): 93.35% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 39.91% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 4.89% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 93.35% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
146	<i>Triadica sebifera</i>	Chinese Tallow Tree	1	20	24	2.4	18.1	1.8	7	5	Excellent	Good	Semi-mature	Short (5-15)	Constrained growing environment, Self-sown and inappropriately located		Protected	Exotic	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 99.86%): Fill: 64.04%, Landscape reveg area: 1.41%, Hardstand (Road and Warehouse): 42.99% (Encroachment enters the SRZ)	Y	99.86	Major	Fill (High Impact): 64.04% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 1.41% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 42.99% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
147	Dead tree	Dead tree	1	40	45	4.8	72.4	2.4	9	6	Dead	Hazardous	Mature	Dead Or Hazardous/Remove (0-5)	Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 99.81%): Fill: 37.85%, Cut: 60.65%, Hardstand (Road and Warehouse): 47.20% (Encroachment enters the SRZ)	Y	99.81	Major	Fill (High Impact): 37.85% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 60.65% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 47.20% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
148	<i>Casuarina glauca</i>	Swamp Sheoak	1	23.02	25	2.8	24.0	1.8	8	6	Good	Fair	Semi-mature	Medium (15-40)	Co-dominant stems, Included bark		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 49.94%, Cut: 59.73% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 49.94% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 59.73% - Cut will need to be deleted if trees are to be retained	Remove - project impacts	
149	<i>Casuarina glauca</i>	Swamp Sheoak	1	14	16	2.0	12.6	1.5	6	2	Good	Good	Juvenile	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 15.74%, Landscape reveg area: 86.61% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 15.74% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 86.61% - Works largely relate to planting which can be done without heavy machinery	Remove - project impacts	
150	<i>Casuarina glauca</i>	Swamp Sheoak	1	39	47	4.7	68.8	2.4	16	11	Good	Good	Mature	Medium (15-40)	Wound(s)		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 99.77%): Fill: 13.74%, Cut: 1.80%, Landscape reveg area: 59.00% (Encroachment enters the SRZ)	Y	99.77	Major	Fill (High Impact): 13.74% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 1.80% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 59.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ. Mulch and irrigation to be installed and maintained to offset root loss
151	<i>Ligustrum sp.</i>	Privet	1	20	20	2.4	18.1	1.7	6	5	Good	Good	Semi-mature	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 99.82% (Encroachment enters the SRZ)	Y	99.82	Major	Landscape reveg area (Low Impact): 75.03% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
152	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	25	25	3.0	28.3	1.8	6	7	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 99.89% (Encroachment enters the SRZ)	Y	99.89	Major	Landscape reveg area (Low Impact): 82.57% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
153	<i>Acacia baileyana</i>	Cootamundra Wattle	1	18	20	2.2	14.7	1.7	8	8	Good	Good	Semi-mature	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment: Landscape reveg area: 99.78% (Encroachment enters the SRZ)	Y	99.78	Major	Landscape reveg area (Low Impact): 77.50% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
154	<i>Melaleuca decora</i>	White Feather Honey Myrtle	1	57.43	60	6.9	149.2	2.7	11	14	Fair	Fair	Mature	Medium (15-40)	Co-dominant stems, Suppressed		Protected	Indigenous	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 99.82%): Fill: 12.53%, Landscape reveg area: 75.49% (Encroachment enters the SRZ)	Y	99.82	Major	Fill (High Impact): 12.53% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 75.49% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ. Mulch and irrigation to be installed and maintained to offset root loss
155	<i>Eucalyptus fibrosa</i>	Red Ironbark	1	54	59	6.5	131.9	2.7	18	12	Good	Fair	Mature	Medium (15-40)	Epicormic shoots, Included bark, Poor pruning - power line clearance, Wound(s)		Protected	Indigenous	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 99.87%): Fill: 11.64%, Landscape reveg area: 82.63% (Encroachment enters the SRZ)	Y	99.87	Major	Fill (High Impact): 11.64% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 82.63% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ. Mulch and irrigation to be installed and maintained to offset root loss

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
156	<i>Eucalyptus sp.</i>	Eucalypt	1	39.4	55	4.7	70.2	2.6	11	12	Good	Poor	Semi-mature	Short (5-15)	Co-dominant stems, Growing from cut stump, Weak attachments, Wood borer		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 20.77%, Cut: 33.57%, Landscape reveg area: 58.55%, Hardstand (Road and Warehouse): 4.89% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 20.77% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 33.57% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 58.55% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 4.89% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
157	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	51	51	6.1	117.7	2.5	8	5	Fair	Poor	Mature	Short (5-15)	Asymmetrical crown, Co-dominant stems, Epicormic shoots, Poor pruning - power line clearance		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.01%): Fill: 1.17%, Cut: 36.28%, Landscape reveg area: 29.46%, Hardstand (Road and Warehouse): 5.30% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 1.17% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 36.28% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 29.46% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 5.30% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
158	<i>Corymbia citriodora</i>	Lemon-scented Gum	1	16	21	2.0	12.6	1.7	7	5	Fair	Good	Semi-mature	Short (5-15)	Dieback		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment: Cut: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained	Remove - project impacts	
159	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	18.6	25	2.2	15.7	1.8	8	3	Good	Fair	Semi-mature	Medium (15-40)	Co-dominant stems		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 10.39%, Cut: 89.45%, Landscape reveg area: 22.55%, Hardstand (Road and Warehouse): 41.39% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 10.39% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 89.45% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 22.55% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 41.39% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
160	<i>Melaleuca decora</i>	White Feather Honey Myrtle	1	39	42	4.7	68.8	2.3	9	9	Fair	Fair	Mature	Short (5-15)	Co-dominant stems, Dieback, Excessively thin crown density, Mistletoe		Protected	Indigenous	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 0.00%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 0.00% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
161	<i>Celtis sinensis</i>	Chinese Hackberry	1	12	14	2.0	12.6	1.5	6	5	Good	Fair	Semi-mature	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
162	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	39.36	42	4.7	70.1	2.3	8	8	Fair	Fair	Mature	Short (5-15)	Co-dominant stems, Poor pruning - power line clearance		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 13.55%, Cut: 58.52%, Landscape reveg area: 16.91%, Hardstand (Road and Warehouse): 52.66% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 13.55% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 58.52% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 16.91% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 52.66% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
163	<i>Olea europaea subsp. cuspidata</i>	African Olive	2	12	12	2.0	12.6	1.5	6	4	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 25.88%, Cut: 95.23%, Landscape reveg area: 14.69%, Hardstand (Road and Warehouse): 85.31% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 25.88% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 95.23% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 14.69% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 85.31% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
164	Melaleuca quinquenervia	Broad-leaved Paperbark	1	45	45	5.4	91.6	2.4	8	10	Fair	Fair	Mature	Short (5-15)	Co-dominant stems, Included bark, Poor pruning - power line clearance		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 11.43%, Cut: 72.81%, Landscape reveg area: 13.66%, Hardstand (Road and Warehouse): 67.86% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 11.43% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 72.81% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 13.66% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 67.86% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
165	Melaleuca quinquenervia	Broad-leaved Paperbark	1	44.55	60	5.3	89.8	2.7	6	8	Fair	Poor	Semi-mature	Short (5-15)	Co-dominant stems, Crack or split, Dieback, Included bark, Previous failure(s), Weak attachments, Wound(s)		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 11.70%, Cut: 71.02%, Landscape reveg area: 13.80%, Hardstand (Road and Warehouse): 65.75% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 11.70% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 71.02% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 13.80% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 65.75% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
166	Melaleuca quinquenervia	Broad-leaved Paperbark	1	25.24	31	3.0	28.8	2.0	8	5	Good	Fair	Semi-mature	Medium (15-40)	Co-dominant stems, Included bark		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 17.74%, Cut: 90.92%, Landscape reveg area: 16.28%, Hardstand (Road and Warehouse): 83.31% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 17.74% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 90.92% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 16.28% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 83.31% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
167	Melaleuca quinquenervia	Broad-leaved Paperbark	1	29	32	3.5	38.0	2.1	6	6	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 15.85%, Cut: 88.61%, Landscape reveg area: 15.85%, Hardstand (Road and Warehouse): 81.62% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 15.85% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 88.61% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 15.85% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 81.62% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
168	Dead tree	Dead tree	1	20	20	2.4	18.1	1.7	7	4	Dead	Hazardous	Mature	Dead Or Hazardous/Remove (0-5)	Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
169	Melaleuca quinquenervia	Broad-leaved Paperbark	1	28	32	3.4	35.5	2.1	9	5	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 16.16%, Cut: 90.08%, Landscape reveg area: 15.26%, Hardstand (Road and Warehouse): 82.74% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 16.16% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 90.08% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 15.26% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 82.74% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
170	Melaleuca quinquenervia	Broad-leaved Paperbark	1	28	29	3.4	35.5	2.0	6	5	Good	Good	Semi-mature	Medium (15-40)	Co-dominant stems		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 14.90%, Cut: 93.90%, Landscape reveg area: 12.37%, Hardstand (Road and Warehouse): 87.20% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 14.90% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 93.90% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 12.37% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 87.20% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
171	<i>Celtis sinensis</i>	Chinese Hackberry	1	21.63	25	2.6	21.2	1.8	8	6	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems, Poor pruning - power line clearance		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 24.61%, Cut: 72.02%, Landscape reveg area: 26.29%, Hardstand (Road and Warehouse): 60.22% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 24.61% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 72.02% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 26.29% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 60.22% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
172	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	24	26	2.9	26.1	1.9	8	4	Good	Fair	Semi-mature	Short (5-15)	Poor pruning - power line clearance		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 14.75%, Cut: 98.47%, Landscape reveg area: 7.27%, Hardstand (Road and Warehouse): 92.25% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 14.75% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 98.47% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 7.27% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 92.25% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
173	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	42.13	50	5.1	80.3	2.5	9	10	Good	Poor	Mature	Medium (15-40)	Co-dominant stems, Epicormic shoots, Poor pruning - power line clearance		Protected	Native	3 (Low)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 12.77%, Cut: 65.89%, Landscape reveg area: 14.01%, Hardstand (Road and Warehouse): 59.60% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 12.77% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 65.89% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 14.01% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 59.60% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
174	<i>Olea europaea subsp. cuspidata</i>	African Olive	5	10	12	2.0	12.6	1.5	6	2	Good	Fair	Semi-mature	Short (5-15)	Environmental/Declared Weed, Poor pruning - power line clearance		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 28.69%, Cut: 90.38%, Landscape reveg area: 21.79%, Hardstand (Road and Warehouse): 77.10% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 28.69% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 90.38% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 21.79% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 77.10% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
175	<i>Acacia saligna</i>	Golden Wreath Wattle	1	6	7	2.0	12.6	1.5	5	1	Fair	Fair	Juvenile	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
176	<i>Acacia saligna</i>	Golden Wreath Wattle	1	21	23	2.5	20.0	1.8	7	7	Good	Good	Semi-mature	Short (5-15)	Co-dominant stems		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
177	<i>Acacia saligna</i>	Golden Wreath Wattle	7	6	9	2.0	12.6	1.5	5	2	Good	Poor	Juvenile	Short (5-15)	Wood borer, Co-dominant stems		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
178	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	14.53	22	2.0	12.6	1.8	5	3	Good	Poor	Semi-mature	Short (5-15)	Epicormic shoots, Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 32.45%, Cut: 64.45%, Landscape reveg area: 34.48%, Hardstand (Road and Warehouse): 48.15% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 32.45% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 64.45% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 34.48% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 48.15% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
179	<i>Cotoneaster</i> sp.	Cotoneaster	1	10.34	21	2.0	12.6	1.7	5	2	Good	Poor	Juvenile	Short (5-15)	Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 27.48%, Cut: 93.21%, Landscape reveg area: 18.15%, Hardstand (Road and Warehouse): 80.55% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 27.48% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 93.21% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 18.15% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 80.55% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
180	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	22.96	27	2.8	23.8	1.9	5	5	Good	Poor	Semi-mature	Short (5-15)	Epicormic shoots, Asymmetrical crown, Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
181	<i>Callistemon salignus</i>	White Bottlebrush	1	25.65	24	3.1	29.8	1.8	6	4	Poor	Poor	Semi-mature	Short (5-15)	Asymmetrical crown, Co-dominant stems, Deadwood major (>10cm diameter), Dieback, Fungal fruiting body(s)		Protected	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 7.30%, Cut: 100.00%, Landscape reveg area: 1.32%, Hardstand (Road and Warehouse): 98.23% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 7.30% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 1.32% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 98.23% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
182	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	19.92	30	2.4	18.0	2.0	5	4	Good	Fair	Semi-mature	Short (5-15)	Environmental/Declared Weed, Co-dominant stems		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
183	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	10.3	17	2.0	12.6	1.6	5	2	Fair	Fair	Juvenile	Short (5-15)	Partial failure, Included bark, Suppressed, Asymmetrical crown		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 23.25%, Cut: 98.58%, Landscape reveg area: 10.15%, Hardstand (Road and Warehouse): 88.44% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 23.25% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 98.58% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 10.15% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 88.44% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
184	<i>Pittosporum undulatum</i>	Sweet Pittosporum	3	6	10	2.0	12.6	1.5	5	2	Good	Good	Juvenile	Short (5-15)	Suppressed, Asymmetrical crown		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
185	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	22.36	28	2.7	22.6	1.9	6	4	Good	Good	Semi-mature	Medium (15-40)	Asymmetrical crown, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 7.28%, Cut: 100.00%, Landscape reveg area: 0.70%, Hardstand (Road and Warehouse): 98.75% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 7.28% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 0.70% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 98.75% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
186	<i>Acacia saligna</i>	Golden Wreath Wattle	1	24	28	2.9	26.1	1.9	8	4	Poor	Hazardous	Mature	Dead Or Hazardous/Remove (0-5)	Partial failure	Root plate failure has ocured, tree is currently supported by adjacent trees and fence.	Exempt	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
187	<i>Acacia saligna</i>	Golden Wreath Wattle	1	25.61	28	3.1	29.7	1.9	6	5	Poor	Hazardous	Mature	Dead Or Hazardous/Remove (0-5)	Asymmetrical crown, Co-dominant stems, Partial failure	Root plate failure has occurred, tree is supported by adjacent stored materials	Exempt	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
188	Melaleuca quinquenervia	Broad-leaved Paperbark	1	24	27	2.9	26.1	1.9	6	5	Good	Good	Semi-mature	Medium (15-40)	Climbing vine, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 7.87%, Cut: 100.00%, Landscape reveg area: 1.31%, Hardstand (Road and Warehouse): 97.99% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 7.87% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 1.31% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 97.99% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
189	Celtis sinensis	Chinese Hackberry	1	14	19	2.0	12.6	1.6	6	5	Good	Good	Juvenile	Short (5-15)	Climbing vine, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
190	Olea europaea subsp. cuspidata	African Olive	1	17.03	21	2.0	13.1	1.7	5	3	Good	Poor	Juvenile	Short (5-15)	Co-dominant stems, Damaging infrastructure, Wound(s), Environmental/Declared Weed	Growing through boundary fence.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.01%): Fill: 30.51%, Cut: 45.86%, Landscape reveg area: 33.49%, Hardstand (Road and Warehouse): 29.33% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 30.51% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 45.86% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 33.49% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 29.33% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
191	Callistemon viminalis	Weeping Bottlebrush	1	14.87	22	2.0	12.6	1.8	4	5	Fair	Poor	Semi-mature	Short (5-15)	Included bark, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 32.69%, Cut: 65.50%, Landscape reveg area: 32.68%, Hardstand (Road and Warehouse): 48.42% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 32.69% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 65.50% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 32.68% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 48.42% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
192	Celtis sinensis	Chinese Hackberry	1	11	16	2.0	12.6	1.5	5	3	Good	Good	Juvenile	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 12.84%, Cut: 100.00%, Landscape reveg area: 1.93%, Hardstand (Road and Warehouse): 96.77% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 12.84% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 1.93% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 96.77% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
193	Melaleuca quinquenervia	Broad-leaved Paperbark	1	13.89	21	2.0	12.6	1.7	5	5	Good	Fair	Semi-mature	Short (5-15)	Suppressed, Included bark, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 9.10%, Cut: 100.00%, Landscape reveg area: 0.21%, Hardstand (Road and Warehouse): 98.99% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 9.10% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 0.21% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 98.99% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
194	Celtis sinensis	Chinese Hackberry	1	4	7	2.0	12.6	1.5	5	1	Good	Fair	Juvenile	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
195	Celtis sinensis	Chinese Hackberry	1	12	16	2.0	12.6	1.5	6	4	Good	Good	Juvenile	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
196	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	36.67	53	4.4	60.8	2.5	11	6	Good	Fair	Mature	Medium (15-40)	Included bark, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 12.42%, Cut: 89.22%, Landscape reveg area: 11.04%, Hardstand (Road and Warehouse): 82.87% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 12.42% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 89.22% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 11.04% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 82.87% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
197	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	15.56	20	2.0	12.6	1.7	6	3	Good	Fair	Juvenile	Short (5-15)	Included bark, Co-dominant stems, Asymmetrical crown		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 29.52%, Cut: 88.95%, Landscape reveg area: 22.77%, Hardstand (Road and Warehouse): 74.05% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 29.52% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 88.95% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 22.77% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 74.05% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
198	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	15.62	27	2.0	12.6	1.9	7	4	Good	Fair	Semi-mature	Medium (15-40)	Included bark, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
199	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	36.59	42	4.4	60.6	2.3	8	5	Fair	Fair	Mature	Short (5-15)	Previous failure(s), Included bark, Co-dominant stems, Dieback		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 12.55%, Cut: 88.95%, Landscape reveg area: 10.86%, Hardstand (Road and Warehouse): 82.38% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 12.55% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 88.95% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 10.86% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 82.38% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
200	<i>Acacia saligna</i>	Golden Wreath Wattle	1	24	30	2.9	26.1	2.0	6	5	Poor	Hazardous	Mature	Dead Or Hazardous/Rem ove (0-5)	Damaging infrastructure, Climbing vine, Wound(s), Decay, Partial failure	Root plate failure has occurred, tree is currently supported by adjacent fence.	Exempt	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
201	<i>Dead tree</i>	Dead tree	1	18	24	2.2	14.7	1.8	4	4	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Rem ove (0-5)	Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
202	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	9.43	18	2.0	12.6	1.6	4	3	Good	Poor	Juvenile	Short (5-15)	Co-dominant stems, Environmental/Dec lared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 32.97%, Cut: 69.93%, Landscape reveg area: 29.16%, Hardstand (Road and Warehouse): 51.69% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 32.97% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 69.93% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 29.16% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 51.69% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
203	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	27.46	28	3.3	34.1	1.9	8	5	Good	Fair	Mature	Medium (15-40)	Asymmetrical crown, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 12.78%, Cut: 98.32%, Landscape reveg area: 6.32%, Hardstand (Road and Warehouse): 91.82% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 12.78% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 98.32% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 6.32% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 91.82% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
204	Melaleuca quinquenervia	Broad-leaved Paperbark	1	17.69	19	2.1	14.2	1.6	8	3	Good	Fair	Semi-mature	Medium (15-40)	Asymmetrical crown, Climbing vine, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
205	Melaleuca quinquenervia	Broad-leaved Paperbark	1	20	23	2.4	18.1	1.8	8	4	Good	Fair	Semi-mature	Medium (15-40)	Asymmetrical crown, Wound(s)		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
206	Melaleuca quinquenervia	Broad-leaved Paperbark	1	21	24	2.5	20.0	1.8	8	3	Good	Poor	Semi-mature	Short (5-15)	Asymmetrical crown, Epicormic shoots, Poor pruning		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 16.25%, Cut: 99.41%, Landscape reveg area: 6.11%, Hardstand (Road and Warehouse): 91.40% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 16.25% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 99.41% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 6.11% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 91.40% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
207	Melaleuca quinquenervia	Broad-leaved Paperbark	1	23.09	26	2.8	24.1	1.9	8	5	Good	Poor	Semi-mature	Short (5-15)	Asymmetrical crown, Co-dominant stems, Epicormic shoots, Included bark, Poor pruning		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 16.32%, Cut: 97.90%, Landscape reveg area: 8.03%, Hardstand (Road and Warehouse): 89.52% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 16.32% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 97.90% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 8.03% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 89.52% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
208	Olea europaea subsp. cuspidata	African Olive	2	15.62	60	2.0	12.6	2.7	7	7	Good	Poor	Mature	Short (5-15)	Co-dominant stems, Epicormic shoots, Growing from cut stump, Environmental/Declared Weed	Group of two.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 33.20%, Cut: 65.20%, Landscape reveg area: 29.13%, Hardstand (Road and Warehouse): 46.35% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 33.20% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 65.20% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 29.13% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 46.35% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
209	Cinnamomum camphora	Camphor Laurel	1	5.83	14	2.0	12.6	1.5	6	2	Good	Poor	Juvenile	Short (5-15)	Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 24.18%, Cut: 98.06%, Landscape reveg area: 10.55%, Hardstand (Road and Warehouse): 85.65% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 24.18% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 98.06% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 10.55% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 85.65% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
210	Olea europaea subsp. cuspidata	African Olive	1	4	9	2.0	12.6	1.5	5	1	Good	Fair	Juvenile	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
211	Melaleuca quinquenervia	Broad-leaved Paperbark	1	20	24	2.4	18.1	1.8	6	4	Good	Poor	Semi-mature	Short (5-15)	Suppressed, Asymmetrical crown		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
212	Ligustrum lucidum	Broadleaf Privet	1	6	11	2.0	12.6	1.5	6	3	Good	Poor	Juvenile	Short (5-15)	Asymmetrical crown, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
213	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	19.42	20	2.3	17.1	1.7	7	5	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems, Suppressed, Asymmetrical crown		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 3.80%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 3.80% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
214	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	11.09	10	2.0	12.6	1.5	5	3	Good	Fair	Juvenile	Short (5-15)	Co-dominant stems, Asymmetrical crown, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 7.92%, Cut: 100.00%, Hardstand (Road and Warehouse): 98.93% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 7.92% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 98.93% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
215	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	47	66	5.6	99.9	2.8	9	10	Good	Fair	Mature	Medium (15-40)	Wound(s), Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 8.85%, Cut: 92.79%, Landscape reveg area: 6.95%, Hardstand (Road and Warehouse): 87.93% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 8.85% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 92.79% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 6.95% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 87.93% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
216	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	10	11	2.0	12.6	1.5	5	3	Good	Fair	Juvenile	Short (5-15)	Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
217	<i>Ligustrum lucidum</i>	Broadleaf Privet	1	17.23	36	2.1	13.4	2.2	5	6	Good	Poor	Semi-mature	Short (5-15)	Damaging Infrastructure, Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
218	<i>Ligustrum lucidum</i>	Broadleaf Privet	1	11.4	18	2.0	12.6	1.6	5	3	Good	Poor	Juvenile	Short (5-15)	Co-dominant stems, Included bark, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
219	<i>Pittosporum undulatum</i>	Sweet Pittosporum	1	12	16	2.0	12.6	1.5	6	4	Good	Good	Semi-mature	Short (5-15)	Asymmetrical crown		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
220	<i>Dead tree</i>	Dead tree	1	21.77	30	2.6	21.4	2.0	4	5	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Previous failure(s), Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 4.46%, Cut: 100.00%, Hardstand (Road and Warehouse): 99.64% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 4.46% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 99.64% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
221	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	61.85	64	7.4	173.1	2.7	12	10	Good	Fair	Mature	Medium (15-40)	Poor pruning - power line clearance, Asymmetrical crown, Co-dominant stems, Included bark		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.01%): Fill: 9.15%, Cut: 56.66%, Landscape reveg area: 7.71%, Hardstand (Road and Warehouse): 51.19% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 9.15% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 56.66% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 7.71% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 51.19% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
222	Melaleuca quinquenervia	Broad-leaved Paperbark	1	29	32	3.5	38.0	2.1	7	5	Good	Fair	Semi-mature	Short (5-15)	Asymmetrical crown, Co-dominant stems, Included bark, Poor pruning - power line clearance		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 19.49%, Cut: 59.35%, Landscape reveg area: 16.24%, Hardstand (Road and Warehouse): 47.59% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 19.49% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 59.35% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 16.24% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 47.59% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
223	Melaleuca quinquenervia	Broad-leaved Paperbark	1	40.42	40	4.9	73.9	2.3	7	6	Good	Fair	Mature	Medium (15-40)	Included bark, Poor pruning - power line clearance, Asymmetrical crown, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 14.07%, Cut: 58.87%, Landscape reveg area: 11.58%, Hardstand (Road and Warehouse): 50.21% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 14.07% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 58.87% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 11.58% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 50.21% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
224	Melaleuca quinquenervia	Broad-leaved Paperbark	1	36	40	4.3	58.6	2.3	7	4	Fair	Fair	Mature	Short (5-15)	Included bark, Co-dominant stems, Poor pruning - power line clearance, Asymmetrical crown		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.01%): Fill: 15.83%, Cut: 58.61%, Landscape reveg area: 12.96%, Hardstand (Road and Warehouse): 48.78% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 15.83% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 58.61% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 12.96% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 48.78% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
225	Corymbia maculata	Spotted Gum	1	66	82	7.9	197.1	3.0	21	16	Good	Good	Mature	Long (>40)	Deadwood moderate (3-10cm diameter), Co-dominant stems, Mistletoe, Wound(s), Poor pruning - power line clearance, Asymmetrical crown		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 7.14%, Cut: 86.92%, Landscape reveg area: 5.56%, Hardstand (Road and Warehouse): 82.53% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 7.14% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 86.92% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 5.56% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 82.53% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
226	Corymbia maculata	Spotted Gum	5	8	11	2.0	12.6	1.5	6	1	Good	Good	Juvenile	Short (5-15)	Suppressed		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
227	Melaleuca quinquenervia	Broad-leaved Paperbark	1	36.4	36	4.4	59.9	2.2	7	6	Good	Fair	Mature	Medium (15-40)	Included bark, Co-dominant stems, Poor pruning - power line clearance		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.01%): Fill: 15.66%, Cut: 59.58%, Landscape reveg area: 12.74%, Hardstand (Road and Warehouse): 49.79% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 15.66% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 59.58% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 12.74% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 49.79% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
228	Ligustrum lucidum	Broadleaf Privet	1	8.72	20	2.0	12.6	1.7	5	2	Good	Poor	Juvenile	Short (5-15)	Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 33.53%, Cut: 73.97%, Landscape reveg area: 25.54%, Hardstand (Road and Warehouse): 52.99% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 33.53% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 73.97% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 25.54% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 52.99% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
229	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	40.06	52	4.8	72.6	2.5	8	7	Good	Fair	Mature	Medium (15-40)	Included bark, Co-dominant stems, Poor pruning - power line clearance		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.01%): Fill: 14.26%, Cut: 59.02%, Landscape reveg area: 11.55%, Hardstand (Road and Warehouse): 50.05% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 14.26% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 59.02% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 11.55% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 50.05% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
230	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	7.55	12	2.0	12.6	1.5	5	3	Good	Fair	Juvenile	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 27.04%, Cut: 95.40%, Landscape reveg area: 13.90%, Hardstand (Road and Warehouse): 79.07% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 27.04% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 95.40% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 13.90% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 79.07% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
231	<i>Corymbia maculata</i>	Spotted Gum	1	46	53	5.5	95.7	2.5	20	17	Good	Fair	Mature	Long (>40)	Co-dominant stems, Poor pruning - power line clearance, Asymmetrical crown		Protected	Native	2 (Medium)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 10.94%, Cut: 83.74%, Landscape reveg area: 8.37%, Hardstand (Road and Warehouse): 76.90% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 10.94% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 83.74% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 8.37% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 76.90% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
232	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	19.62	20	2.4	17.4	1.7	6	4	Good	Fair	Semi-mature	Short (5-15)	Co-dominant stems, Suppressed		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 29.04%, Cut: 65.43%, Landscape reveg area: 22.92%, Hardstand (Road and Warehouse): 46.99% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 29.04% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 65.43% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 22.92% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 46.99% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
233	<i>Acacia saligna</i>	Golden Wreath Wattle	1	7.81	12	2.0	12.6	1.5	5	2	Good	Poor	Semi-mature	Short (5-15)	Suppressed, Asymmetrical crown		Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 34.06%, Cut: 66.00%, Landscape reveg area: 26.73%, Hardstand (Road and Warehouse): 44.23% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 34.06% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 66.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 26.73% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 44.23% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
234	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	47.63	53	5.7	102.6	2.5	10	8	Good	Fair	Mature	Medium (15-40)	Poor pruning - power line clearance, Asymmetrical crown, Co-dominant stems, Included bark		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 12.05%, Cut: 54.15%, Landscape reveg area: 9.74%, Hardstand (Road and Warehouse): 46.44% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 12.05% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 54.15% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 9.74% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 46.44% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
235	<i>Acacia saligna</i>	Golden Wreath Wattle	1	6	9	2.0	12.6	1.5	6	3	Good	Fair	Juvenile	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
236	<i>Casuarina glauca</i>	Swamp Sheoak	1	23.43	25	2.8	24.8	1.8	5	4	Good	Poor	Semi-mature	Short (5-15)	Damaging infrastructure, Poor pruning, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
237	Casuarina glauca	Swamp Sheoak	5	17	19	2.0	13.1	1.6	9	2	Fair	Fair	Juvenile	Short (5-15)	Damaging infrastructure	Four additional trees to the west. Growing through boundary fence.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Cut: 7.61%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 7.61% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
238	Casuarina glauca	Swamp Sheoak	1	18	22	2.2	14.7	1.8	13	6	Good	Fair	Semi-mature	Short (5-15)	Damaging infrastructure		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Cut: 68.31%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 70.16% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 68.31% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
239	Casuarina glauca	Swamp Sheoak	2	14	20	2.0	12.6	1.7	6	3	Good	Fair	Juvenile	Short (5-15)	Asymmetrical crown		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
240	Casuarina glauca	Swamp Sheoak	1	41.87	56	5.0	79.3	2.6	15	9	Good	Fair	Mature	Medium (15-40)	Included bark, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
241	Casuarina glauca	Swamp Sheoak	1	19.1	23	2.3	16.5	1.8	8	3	Good	Fair	Semi-mature	Short (5-15)	Wound(s), Damaging infrastructure, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 100.00% - Fill will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
242	Corymbia maculata	Spotted Gum	1	31	37	3.7	43.5	2.2	18	8	Good	Good	Semi-mature	Long (>40)			Protected	Native	2 (Medium)	High - Priority for Retention	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
243	Corymbia maculata	Spotted Gum	1	27	32	3.2	33.0	2.1	10	4	Fair	Poor	Semi-mature	Short (5-15)	Previous failure(s), Wound(s)	Previous failure of central stem. Multiple wounds from mechanical damage on the trunk.	Protected	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
244	Corymbia maculata	Spotted Gum	1	47	55	5.6	99.9	2.6	20	16	Good	Fair	Mature	Medium (15-40)	Wound(s), Fungal fruiting body(s), Deadwood minor (<3cm diameter), Asymmetrical crown	Fungal fruiting body consistent with Phellinus present on a trunk wound at 6m from GL on the northern side of the tree.	Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 14.67%, Cut: 80.82%, Landscape reveg area: 8.54%, Hardstand (Road and Warehouse): 80.80% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 14.67% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 80.82% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 8.54% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 80.80% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
245	Olea europaea subsp. cuspidata	African Olive	1	15.36	30	2.0	12.6	2.0	5	5	Fair	Poor	Semi-mature	Short (5-15)	Co-dominant stems, Climbing vine, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 33.46%, Cut: 93.32%, Hardstand (Road and Warehouse): 99.41% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 33.46% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 93.32% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 99.41% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
246	Corymbia maculata	Spotted Gum	1	25	29	3.0	28.3	2.0	14	8	Good	Fair	Semi-mature	Medium (15-40)	Suppressed, Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 10.09%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 10.09% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
247	<i>Corymbia maculata</i>	Spotted Gum	1	20	30	2.4	18.1	2.0	11	5	Fair	Fair	Semi-mature	Short (5-15)	Dieback, Wound(s), Co-dominant stems, Climbing vine	Limited VTA due to vine growth.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 7.15%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 7.15% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
248	<i>Corymbia maculata</i>	Spotted Gum	1	23	28	2.8	23.9	1.9	8	3	Poor	Poor	Semi-mature	Short (5-15)	Wound(s), Deadwood major (>10cm diameter)	Central stem has died.	Protected	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 4.15%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 4.15% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
249	<i>Grevillea robusta</i>	Silky Oak	1	21.1	24	2.5	20.1	1.8	7	3	Good	Poor	Semi-mature	Short (5-15)	Co-dominant stems, Climbing vine, Bacterial infection	Growing through boundary fence.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 55.24%, Cut: 12.08%, Landscape reveg area: 25.48%, Hardstand (Road and Warehouse): 38.48% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 55.24% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 12.08% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 25.48% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 38.48% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
250	<i>Corymbia maculata</i>	Spotted Gum	1	39.05	42	4.7	69.0	2.3	12	9	Good	Good	Semi-mature	Long (>40)	Asymmetrical crown		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 21.32%, Cut: 89.74%, Landscape reveg area: 0.98%, Hardstand (Road and Warehouse): 98.16% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 21.32% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 89.74% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 0.98% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 98.16% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
251	<i>Corymbia maculata</i>	Spotted Gum	1	25	28	3.0	28.3	1.9	7	3	Fair	Fair	Semi-mature	Short (5-15)	Dieback, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 5.16%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 5.16% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
252	<i>Corymbia maculata</i>	Spotted Gum	1	55	70	6.6	136.8	2.8	18	12	Fair	Fair	Mature	Short (5-15)	Deadwood major (>10cm diameter), Previous failure(s), Wood borer, Wound(s)	Dysfunction tissue observed on the central stem, this has likely ringbarked the upper portion of the tree. Large basal wound from mechanical damage.	Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 17.09%, Cut: 85.67%, Landscape reveg area: 6.04%, Hardstand (Road and Warehouse): 90.42% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 17.09% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 85.67% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 6.04% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 90.42% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
253	<i>Corymbia maculata</i>	Spotted Gum	1	71	83	8.5	228.0	3.1	20	15	Good	Fair	Mature	Medium (15-40)	Wound(s), Hanger(s), Asymmetrical crown, Previous failure(s)		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 12.95%, Cut: 69.80%, Landscape reveg area: 14.39%, Hardstand (Road and Warehouse): 66.20% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 12.95% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 69.80% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 14.39% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 66.20% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
254	<i>Corymbia maculata</i>	Spotted Gum	1	14	18	2.0	12.6	1.6	9	4	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
255	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	14.14	21	2.0	12.6	1.7	7	5	Fair	Poor	Semi-mature	Short (5-15)	Climbing vine, Suppressed, Asymmetrical crown, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 16.93%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 16.93% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
256	<i>Pittosporum undulatum</i>	Sweet Pittosporum	1	26.83	35	3.2	32.6	2.1	6	4	Good	Fair	Mature	Short (5-15)	Climbing vine, Co-dominant stems		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 42.81%, Cut: 64.85%, Landscape reveg area: 16.30%, Hardstand (Road and Warehouse): 57.24% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 42.81% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 64.85% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 16.30% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 57.24% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
257	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	22.45	30	2.7	22.8	2.0	5	5	Good	Poor	Semi-mature	Dead Or Hazardous/Remove (0-5)	Co-dominant stems, Environmental/Declared Weed, Damaging infrastructure	Growing through boundary fence.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.01%): Fill: 44.28%, Cut: 22.57%, Landscape reveg area: 25.40%, Hardstand (Road and Warehouse): 22.83% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 44.28% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 22.57% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 25.40% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 22.83% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
258	<i>Grevillea robusta</i>	Silky Oak	1	32	40	3.8	46.3	2.3	10	4	Good	Poor	Semi-mature	Short (5-15)	Wound(s), Previous failure(s)	Previous failure of main stem has occurred.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 8.38%, Cut: 6.11%, Landscape reveg area: 64.27% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 8.38% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 6.11% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 64.27% - Works largely relate to planting which can be done without heavy machinery	Remove - project impacts	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ. Mulch and irrigation to be installed and maintained to offset root loss
259	<i>Ligustrum lucidum</i>	Broadleaf Privet	1	12	16	2.0	12.6	1.5	5	3	Good	Poor	Juvenile	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.01% (Encroachment enters the SRZ)	Y	100.01	Major	Landscape reveg area (Low Impact): 64.15% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
260	<i>Ligustrum lucidum</i>	Broadleaf Privet	1	22.18	50	2.7	22.3	2.5	10	5	Good	Poor	Semi-mature	Short (5-15)	Climbing vine, Crossing/rubbing branches, Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
261	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	32.37	35	3.9	47.4	2.1	6	6	Fair	Poor	Semi-mature	Short (5-15)	Suppressed, Asymmetrical crown, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 26.06%, Cut: 72.62%, Landscape reveg area: 25.20%, Hardstand (Road and Warehouse): 54.66% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 26.06% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 72.62% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 25.20% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 54.66% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
262	<i>Corymbia maculata</i>	Spotted Gum	1	17	22	2.0	13.1	1.8	5	1	Fair	Poor	Semi-mature	Short (5-15)	Epicormic shoots, Previous failure(s)	Previous failure of main stem, canopy consists entirely of epicormics shoots.	Protected	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 85.75%, Landscape reveg area: 27.90%, Hardstand (Road and Warehouse): 58.88% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 85.75% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 27.90% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 58.88% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
263	<i>Corymbia maculata</i>	Spotted Gum	1	20	24	2.4	18.1	1.8	9	4	Fair	Fair	Semi-mature	Medium (15-40)	Co-dominant stems, Climbing vine, Deadwood minor (<3cm diameter)		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 1.36%, Cut: 32.52%, Landscape reveg area: 79.68%, Hardstand (Road and Warehouse): 5.38% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 1.36% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 32.52% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 79.68% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 5.38% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
264	<i>Ligustrum lucidum</i>	Broadleaf Privet	1	22.11	28	2.7	22.1	1.9	6	6	Good	Poor	Mature	Short (5-15)	Crossing/rubbing branches, Co-dominant stems, Growing from cut stump, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
265	<i>Casuarina glauca</i>	Swamp Sheoak	1	51	70	6.1	117.7	2.8	20	13	Good	Good	Mature	Medium (15-40)	Climbing vine, Deadwood moderate (3-10cm diameter), Wound(s)		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 0.15%, Cut: 2.90%, Landscape reveg area: 84.56%, Hardstand (Road and Warehouse): 0.10% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 0.15% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 2.90% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 84.56% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 0.10% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Retain - generic plus	
266	<i>Corymbia maculata</i>	Spotted Gum	1	64	82	7.7	185.3	3.0	20	15	Good	Poor	Mature	Short (5-15)	Wound(s)	Significant mechanical damage at base.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 12.27%, Cut: 18.28%, Landscape reveg area: 72.38%, Hardstand (Road and Warehouse): 19.94% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 12.27% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 18.28% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 72.38% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 19.94% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
267	<i>Grevillea robusta</i>	Silky Oak	1	24.41	23	2.9	27.0	1.8	12	6	Good	Fair	Semi-mature	Medium (15-40)	Asymmetrical crown, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
268	<i>Dead tree</i>	Dead tree	1	33	39	4.0	49.3	2.2	10	1	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 98.36% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
269	<i>Schinus molle var. areira</i>	Pepper Tree	1	11	14	2.0	12.6	1.5	8	2	Good	Fair	Semi-mature	Short (5-15)	Suppressed, Asymmetrical crown		Protected	Exotic	3 (Low)	Low - Consider for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
270	<i>Grevillea robusta</i>	Silky Oak	1	16	18	2.0	12.6	1.6	10	4	Good	Good	Semi-mature	Medium (15-40)			Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
271	<i>Ligustrum lucidum</i>	Broadleaf Privet	3	17.29	25	2.1	13.5	1.8	6	4	Good	Poor	Semi-mature	Short (5-15)	Crossing/rubbing branches, Co-dominant stems, Environmental/Declared Weed	Group of 3 trees.	Protected	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
272	<i>Dead tree</i>	Dead tree	1	21	29	2.5	20.0	2.0	7	1	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
273	<i>Olea europaea subsp. cuspidata</i>	African Olive	9	9.8	12	2.0	12.6	1.5	7	3	Good	Good	Juvenile	Short (5-15)	Co-dominant stems, Environmental/Declared Weed	8 additional trees to the south and east.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
274	<i>Dead tree</i>	Dead tree	1	27.59	40	3.3	34.4	2.3	7	1	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Co-dominant stems, Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
275	<i>Ligustrum lucidum</i>	Broadleaf Privet	5	9.8	20	2.0	12.6	1.7	6	3	Good	Fair	Juvenile	Short (5-15)	Epicormic shoots, Co-dominant stems, Environmental/Declared Weed	Four additional trees to the north.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
276	<i>Dead tree</i>	Dead tree	1	22	29	2.6	21.9	2.0	6	1	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Partial failure, Significant fault - standing dead tree	Root plate failure has occurred, tree is supported by adjacent trees.	Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
277	<i>Olea europaea subsp. cuspidata</i>	African Olive	2	28.44	38	3.4	36.6	2.2	8	6	Good	Poor	Mature	Short (5-15)	Co-dominant stems, Growing from cut stump, Environmental/Declared Weed	One additional tree to the south.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
278	<i>Pittosporum undulatum</i>	Sweet Pittosporum	1	4	80	2.0	12.6	3.0	5	3	Good	Poor	Juvenile	Short (5-15)	Damaging infrastructure	Growing through boundary fence.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 71.71% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
279	<i>Dead tree</i>	Dead tree	1	26.4	34	3.2	31.5	2.1	6	2	Dead	Hazardous	Semi-mature	Dead Or Hazardous/Remove (0-5)	Significant fault - standing dead tree, Co-dominant stems		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
280	<i>Phoenix canariensis</i>	Canary Island Date Palm	1	80	0	9.6	289.5		5	5	Good	Good	Juvenile	Short (5-15)	Environmental/Declared Weed	Tree not tagged.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 9.11%, Cut: 10.88%, Landscape reveg area: 60.07%, Hardstand (Road and Warehouse): 11.55% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 9.11% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 10.88% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 60.07% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 11.55% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
281	<i>Corymbia maculata</i>	Spotted Gum	1	34	44	4.1	52.3	2.3	15	6	Fair	Poor	Semi-mature	Short (5-15)	Deadwood major (>10cm diameter), Previous failure(s), Wound(s), Decay		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 0.01%, Cut: 34.83%, Landscape reveg area: 72.60%, Hardstand (Road and Warehouse): 25.59% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 0.01% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 34.83% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 72.60% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 25.59% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
282	<i>Ligustrum lucidum</i>	Broadleaf Privet	3	12.81	17	2.0	12.6	1.6	6	5	Good	Fair	Semi-mature	Short (5-15)	Crossing/rubbing branches, Co-dominant stems, Environmental/Declared Weed	Two additional trees to the south and west.	Protected	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
283	Dead tree	Dead tree	1	59	69	7.1	157.5	2.8	18	14	Dead	Hazardous	Mature	Dead Or Hazardous/Remove (0-5)	Previous failure(s), Significant fault - standing dead tree		Protected	Dead or other	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 5.12%, Cut: 41.20%, Landscape reveg area: 62.88%, Hardstand (Road and Warehouse): 36.43% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 5.12% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 41.20% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 62.88% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 36.43% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
284	<i>Corymbia maculata</i>	Spotted Gum	1	16	21	2.0	12.6	1.7	10	4	Good	Good	Semi-mature	Medium (15-40)	Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
285	<i>Corymbia maculata</i>	Spotted Gum	1	61	76	7.3	168.3	2.9	21	16	Good	Good	Mature	Long (>40)	Deadwood moderate (3-10cm diameter)		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 13.31%, Cut: 37.85%, Landscape reveg area: 61.23%, Hardstand (Road and Warehouse): 38.33% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 13.31% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 37.85% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 61.23% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 38.33% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
286	<i>Corymbia maculata</i>	Spotted Gum	1	31	36	3.7	43.5	2.2	22	12	Good	Fair	Mature	Medium (15-40)	Deadwood major (>10cm diameter), Suppressed, Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 27.20%, Cut: 11.85%, Landscape reveg area: 80.11%, Hardstand (Road and Warehouse): 19.19% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 27.20% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 11.85% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 80.11% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 19.19% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
287	<i>Olea europaea subsp. cuspidata</i>	African Olive	5	30.9	40	3.7	43.2	2.3	7	6	Good	Fair	Semi-mature	Short (5-15)	Crossing/rubbing branches, Co-dominant stems, Environmental/Declared Weed	Four additional trees to the south and west.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 17.45%, Cut: 88.90%, Hardstand (Road and Warehouse): 10.44% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 17.45% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 8.12% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 88.90% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 10.44% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
288	<i>Corymbia maculata</i>	Spotted Gum	1	100	110	12.0	452.4	3.4	25	19	Good	Good	Mature	Long (>40)	Previous failure(s), Deadwood major (>10cm diameter), Co-dominant stems		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 22.46%, Cut: 29.67%, Landscape reveg area: 47.83%, Hardstand (Road and Warehouse): 39.58% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 22.46% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 29.67% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 47.83% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 39.58% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
289	<i>Corymbia maculata</i>	Spotted Gum	1	11	15	2.0	12.6	1.5	10	3	Good	Good	Juvenile	Medium (15-40)	Suppressed, Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
290	<i>Corymbia maculata</i>	Spotted Gum	1	19	23	2.3	16.3	1.8	13	6	Good	Good	Semi-mature	Medium (15-40)	Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
291	<i>Corymbia maculata</i>	Spotted Gum	1	11	15	2.0	12.6	1.5	11	3	Good	Good	Semi-mature	Medium (15-40)	Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
292	<i>Corymbia maculata</i>	Spotted Gum	1	11	16	2.0	12.6	1.5	10	3	Good	Fair	Semi-mature	Medium (15-40)	Climbing vine, Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
293	<i>Corymbia maculata</i>	Spotted Gum	1	17	23	2.0	13.1	1.8	12	5	Good	Fair	Semi-mature	Medium (15-40)	Climbing vine, Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
294	<i>Corymbia maculata</i>	Spotted Gum	1	44.94	65	5.4	91.4	2.8	20	14	Good	Good	Mature	Long (>40)	Deadwood moderate (3-10cm diameter), Co-dominant stems		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 31.76%, Cut: 10.50%, Landscape reveg area: 71.27%, Hardstand (Road and Warehouse): 27.91% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 31.76% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 10.50% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 71.27% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 27.91% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
295	<i>Olea europaea subsp. cuspidata</i>	African Olive	6	12	18	2.0	12.6	1.6	7	5	Good	Fair	Semi-mature	Short (5-15)	Asymmetrical crown, Co-dominant stems, Environmental/Declared Weed	Five additional trees to the south.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 98.72% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
296	<i>Callistemon viminalis</i>	Weeping Bottlebrush	1	18.89	36	2.3	16.1	2.2	6	6	Poor	Poor	Semi-mature	Short (5-15)	Included bark, Climbing vine, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 92.35% - Works largely relate to planting which can be done without heavy machinery	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
297	<i>Ligustrum lucidum</i>	Broadleaf Privet	1	8	15	2.0	12.6	1.5	5	4	Good	Poor	Juvenile	Short (5-15)	Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 100.00% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
298	<i>Olea europaea subsp. cuspidata</i>	African Olive	1	29	36	3.5	38.0	2.2	9	8	Good	Fair	Semi-mature	Short (5-15)	Climbing vine, Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment: Landscape reveg area: 100.00% (Encroachment enters the SRZ)	Y	100	Major	Landscape reveg area (Low Impact): 77.59% - Works largely relate to planting which can be done without heavy machinery	Remove - irrespective	
299	<i>Corymbia maculata</i>	Spotted Gum	1	38	45	4.6	65.3	2.4	19	12	Good	Good	Mature	Long (>40)	Previous failure(s), Deadwood major (>10cm diameter)		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 32.98%, Landscape reveg area: 73.62%, Hardstand (Road and Warehouse): 25.10% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 32.98% - Fill will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 73.62% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 25.10% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
300	<i>Corymbia maculata</i>	Spotted Gum	1	44	46	5.3	87.6	2.4	19	14	Good	Good	Mature	Long (>40)	Deadwood moderate (3-10cm diameter), Co-dominant stems		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 36.71%, Substation: 11.79%, Landscape reveg area: 57.26%, Hardstand (Road and Warehouse): 29.60% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 36.71% - Fill will need to be deleted if trees are to be retained; Substation (Medium Impact): 11.79% - Substation will need to be relocated outside NRZ; Landscape reveg area (Low Impact): 57.26% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 29.60% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
301	<i>Corymbia maculata</i>	Spotted Gum	1	53.08	60	6.4	127.5	2.7	20	13	Good	Good	Mature	Long (>40)	Deadwood moderate (3-10cm diameter), Co-dominant stems		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 32.44%, Substation: 19.15%, Landscape reveg area: 52.62%, Hardstand (Road and Warehouse): 27.43% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 32.44% - Fill will need to be deleted if trees are to be retained; Substation (Medium Impact): 19.15% - Substation will need to be relocated outside NRZ; Landscape reveg area (Low Impact): 52.62% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 27.43% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
302	<i>Acacia saligna</i>	Golden Wreath Wattle	1	4	6	2.0	12.6	1.5	5	2	Good	Good	Juvenile	Short (5-15)			Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 4.86%, Cut: 100.00%, Hardstand (Road and Warehouse): 99.50% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 4.86% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 99.50% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
303	<i>Acacia saligna</i>	Golden Wreath Wattle	2	13	17	2.0	12.6	1.6	5	4	Good	Poor	Mature	Short (5-15)	Suppressed, Asymmetrical crown	Additional tree to the east.	Exempt	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 29.72%, Cut: 90.95%, Landscape reveg area: 18.55%, Hardstand (Road and Warehouse): 72.21% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 29.72% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 90.95% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 18.55% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 72.21% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
304	<i>Olea europaea subsp. cuspidata</i>	African Olive	5	7.07	10	2.0	12.6	1.5	4	3	Good	Poor	Juvenile	Short (5-15)	Environmental/Declared Weed	Four additional trees to the north and east.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 1.18%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 1.18% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
305	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	24	29	2.9	26.1	2.0	7	5	Poor	Fair	Semi-mature	Short (5-15)	Poor pruning - power line clearance, Included bark, Co-dominant stems, Excessively thin crown density		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 23.52%, Cut: 71.18%, Landscape reveg area: 17.98%, Hardstand (Road and Warehouse): 56.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 23.52% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 71.18% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 17.98% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 56.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
306	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	41.48	44	5.0	77.8	2.3	10	7	Good	Fair	Mature	Medium (15-40)	Asymmetrical crown, Co-dominant stems, Included bark, Poor pruning - power line clearance		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.01%): Fill: 13.90%, Cut: 58.28%, Landscape reveg area: 10.99%, Hardstand (Road and Warehouse): 49.22% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 13.90% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 58.28% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 10.99% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 49.22% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
307	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	20	24	2.4	18.1	1.8	7	2	Fair	Fair	Semi-mature	Short (5-15)	Suppressed, Poor pruning - power line clearance		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 28.71%, Cut: 60.98%, Landscape reveg area: 22.46%, Hardstand (Road and Warehouse): 42.05% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 28.71% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 60.98% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 22.46% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 42.05% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
308	Melaleuca quinquenervia	Broad-leaved Paperbark	1	46.69	52	5.6	98.6	2.5	7	8	Good	Fair	Mature	Medium (15-40)	Poor pruning - power line clearance, Included bark, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.01%): Fill: 12.42%, Cut: 56.09%, Landscape reveg area: 9.76%, Hardstand (Road and Warehouse): 47.88% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 12.42% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 56.09% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 9.76% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 47.88% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
309	Olea europaea subsp. cuspidata	African Olive	3	5.83	8	2.0	12.6	1.5	4	3	Good	Fair	Juvenile	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 21.40%, Cut: 99.64%, Landscape reveg area: 6.62%, Hardstand (Road and Warehouse): 85.97% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 21.40% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 99.64% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 6.62% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 85.97% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
310	Eucalyptus pilularis	Blackbutt	1	52	63	6.2	122.3	2.7	16	12	Good	Poor	Mature	Short (5-15)	Poor pruning - power line clearance, Asymmetrical crown, Decay, Fungal fruiting body(s), Wound(s)	Fungal fruiting body consistent with Phellinus present on trunk wound. Multiple cankerous wounds thought the canopy.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 5.72%, Cut: 98.79%, Landscape reveg area: 3.07%, Hardstand (Road and Warehouse): 95.16% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 5.72% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 98.79% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 3.07% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 95.16% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
311	Melaleuca quinquenervia	Broad-leaved Paperbark	1	29.21	32	3.5	38.6	2.1	6	5	Good	Fair	Semi-mature	Short (5-15)	Crossing/rubbing branches, Included bark, Co-dominant stems		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 19.81%, Cut: 60.76%, Landscape reveg area: 15.27%, Hardstand (Road and Warehouse): 47.48% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 19.81% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 60.76% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 15.27% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 47.48% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
312	Melaleuca quinquenervia	Broad-leaved Paperbark	1	39.91	33	4.8	72.1	2.1	7	7	Good	Fair	Mature	Medium (15-40)	Co-dominant stems, Poor pruning - power line clearance, Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 14.54%, Cut: 60.94%, Landscape reveg area: 11.14%, Hardstand (Road and Warehouse): 51.07% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 14.54% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 60.94% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 11.14% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 51.07% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
313	Melaleuca quinquenervia	Broad-leaved Paperbark	1	29.22	34	3.5	38.6	2.1	7	5	Good	Fair	Semi-mature	Medium (15-40)	Included bark, Co-dominant stems, Poor pruning - power line clearance, Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 19.57%, Cut: 68.70%, Landscape reveg area: 14.68%, Hardstand (Road and Warehouse): 55.38% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 19.57% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 68.70% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 14.68% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 55.38% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
314	Olea europaea subsp. cuspidata	African Olive	1	7.55	12	2.0	12.6	1.5	5	3	Good	Poor	Juvenile	Short (5-15)	Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 1.11%, Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 1.11% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	

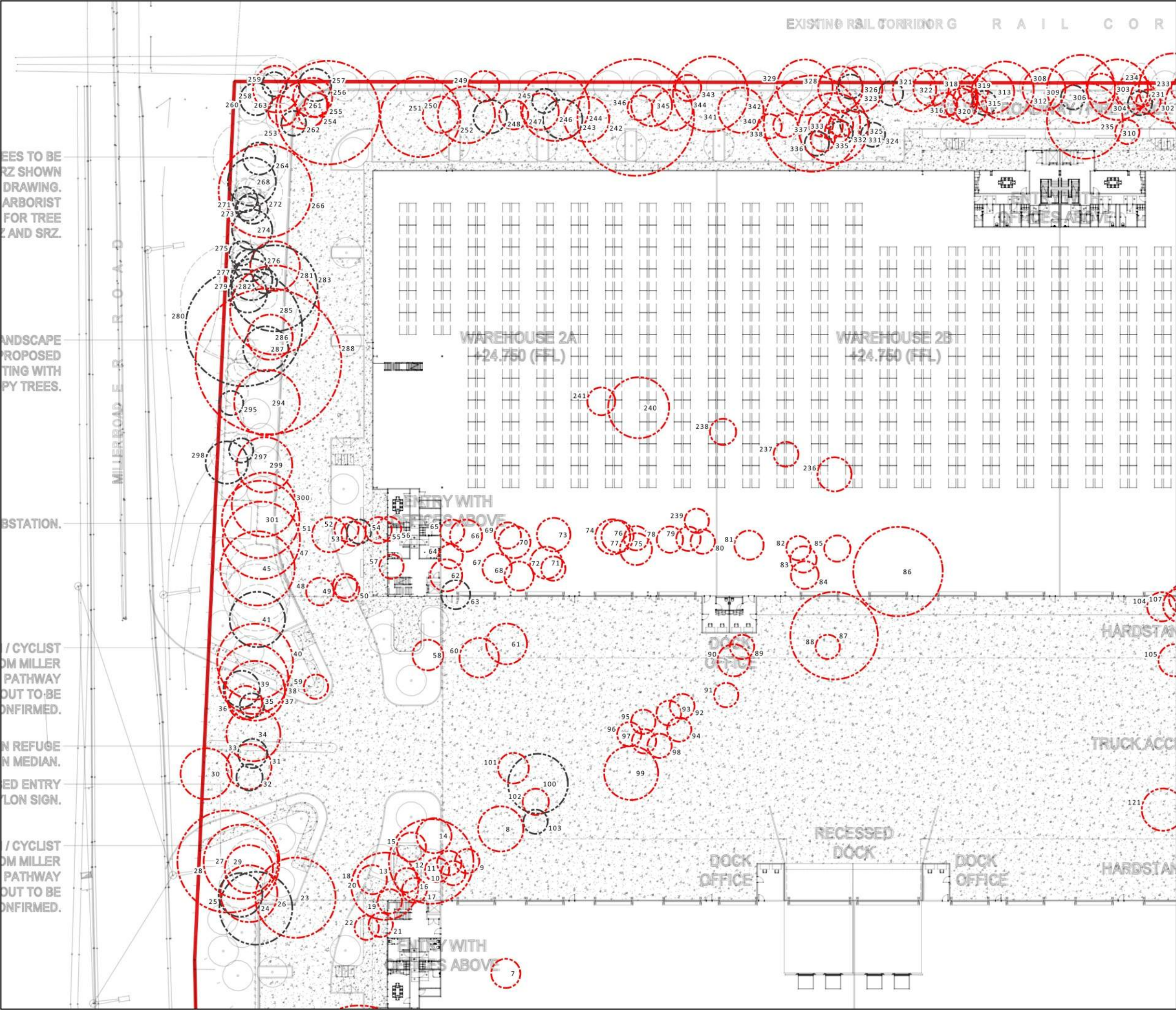
Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
315	<i>Corymbia maculata</i>	Spotted Gum	1	22	25	2.6	21.9	1.8	12	4	Good	Poor	Semi-mature	Short (5-15)	Wound(s), Mechanical damage	Large basal wound, the tree is unlikely to recover.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
316	<i>Corymbia maculata</i>	Spotted Gum	1	22	25	2.6	21.9	1.8	9	4	Good	Poor	Semi-mature	Short (5-15)	Poor pruning - power line clearance		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 4.87%, Cut: 100.00%, Hardstand (Road and Warehouse): 98.17% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 4.87% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 98.17% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
317	<i>Corymbia maculata</i>	Spotted Gum	1	9	13	2.0	12.6	1.5	8	2	Good	Good	Juvenile	Short (5-15)			Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 15.98%, Cut: 100.00%, Landscape reveg area: 3.02%, Hardstand (Road and Warehouse): 90.09% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 15.98% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 3.02% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 90.09% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
318	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	20	25	2.4	18.1	1.8	6	4	Good	Fair	Semi-mature	Medium (15-40)	Poor pruning - power line clearance, Asymmetrical crown		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 28.63%, Cut: 67.99%, Landscape reveg area: 21.58%, Hardstand (Road and Warehouse): 48.26% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 28.63% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 67.99% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 21.58% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 48.26% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
319	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	32.37	31	3.9	47.4	2.0	6	5	Good	Fair	Semi-mature	Medium (15-40)	Included bark, Co-dominant stems, Poor pruning - power line clearance		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 17.61%, Cut: 65.51%, Landscape reveg area: 13.69%, Hardstand (Road and Warehouse): 53.25% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 17.61% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 65.51% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 13.69% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 53.25% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
320	<i>Corymbia maculata</i>	Spotted Gum	1	16	18	2.0	12.6	1.6	14	3	Good	Poor	Semi-mature	Short (5-15)	Mechanical damage, Wound(s), Over-extended branch(es)	Poor H/D ratio	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
321	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	24.21	26	2.9	26.5	1.9	5	4	Fair	Poor	Semi-mature	Short (5-15)	Included bark, Co-dominant stems, Poor pruning - power line clearance		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 23.43%, Cut: 60.66%, Landscape reveg area: 18.71%, Hardstand (Road and Warehouse): 44.05% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 23.43% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 60.66% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 18.71% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 44.05% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
322	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	29.77	27	3.6	40.1	1.9	6	7	Good	Good	Semi-mature	Short (5-15)	Included bark, Co-dominant stems, Poor pruning - power line clearance		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 18.96%, Cut: 63.00%, Landscape reveg area: 15.26%, Hardstand (Road and Warehouse): 49.46% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 18.96% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 63.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 15.26% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 49.46% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
323	<i>Olea europaea subsp. cuspidata</i>	African Olive	2	9.59	14	2.0	12.6	1.5	5	3	Good	Poor	Juvenile	Short (5-15)	Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 29.93%, Cut: 89.00%, Landscape reveg area: 20.38%, Hardstand (Road and Warehouse): 67.66% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 29.93% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 89.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 20.38% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 67.66% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
324	<i>Ligustrum lucidum</i>	Broadleaf Privet	1	8.12	15	2.0	12.6	1.5	5	3	Good	Poor	Semi-mature	Short (5-15)	Co-dominant stems, Environmental/Declared Weed		Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
325	<i>Corymbia maculata</i>	Spotted Gum	1	20	24	2.4	18.1	1.8	11	4	Good	Fair	Semi-mature	Short (5-15)	Asymmetrical crown, Mechanical damage, Poor pruning, Wound(s)	Significant basal wound, the tree is unlikely to recover.	Protected	Native	5 (Hazardous / Irreversible Decline)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
326	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	31.24	36	3.7	44.2	2.2	7	5	Good	Good	Mature	Medium (15-40)	Included bark, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 17.72%, Cut: 61.70%, Landscape reveg area: 14.91%, Hardstand (Road and Warehouse): 48.61% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 17.72% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 61.70% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 14.91% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 48.61% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
327	<i>Olea europaea subsp. cuspidata</i>	African Olive	4	12	16	2.0	12.6	1.5	4	4	Good	Poor	Juvenile	Short (5-15)	Environmental/Declared Weed	Three additional trees to the east and west.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Fill: 32.61%, Cut: 57.11%, Landscape reveg area: 28.20%, Hardstand (Road and Warehouse): 32.65% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 32.61% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 57.11% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 28.20% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 32.65% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
328	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	30.59	34	3.7	42.3	2.1	6	4	Good	Fair	Semi-mature	Short (5-15)	Poor pruning - power line clearance, Included bark, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.01%): Fill: 18.00%, Cut: 59.72%, Landscape reveg area: 15.43%, Hardstand (Road and Warehouse): 46.30% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 18.00% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 59.72% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 15.43% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 46.30% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
329	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1	38.29	31	4.6	66.3	2.0	6	7	Good	Good	Mature	Medium (15-40)	Poor pruning - power line clearance, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.01%): Fill: 14.21%, Cut: 55.16%, Landscape reveg area: 12.62%, Hardstand (Road and Warehouse): 44.42% (Encroachment enters the SRZ)	Y	100.01	Major	Fill (High Impact): 14.21% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 55.16% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 12.62% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 44.42% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
330	<i>Corymbia maculata</i>	Spotted Gum	1	12	15	2.0	12.6	1.5	8	3	Good	Fair	Semi-mature	Short (5-15)	Suppressed, Asymmetrical crown		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
331	<i>Corymbia maculata</i>	Spotted Gum	1	48	55	5.8	104.2	2.6	19	18	Good	Good	Mature	Long (>40)	Deadwood moderate (3-10cm diameter), Co-dominant stems		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
332	<i>Ligustrum lucidum</i>	Broadleaf Privet	1	9.06	16	2.0	12.6	1.5	5	5	Good	Poor	Semi-mature	Short (5-15)	Included bark, Co-dominant stems, Environmental/Dec lared Weed		Protected	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
333	<i>Corymbia maculata</i>	Spotted Gum	1	8	10	2.0	12.6	1.5	7	2	Good	Good	Juvenile	Short (5-15)	Suppressed, Asymmetrical crown		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
334	<i>Corymbia maculata</i>	Spotted Gum	1	9	11	2.0	12.6	1.5	7	2	Good	Good	Juvenile	Short (5-15)	Suppressed, Asymmetrical crown		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
335	<i>Corymbia maculata</i>	Spotted Gum	1	8	10	2.0	12.6	1.5	6	2	Good	Good	Juvenile	Short (5-15)	Suppressed, Asymmetrical crown		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
336	<i>Olea europaea subsp. cuspidata</i>	African Olive	2	10.39	20	2.0	12.6	1.7	6	6	Good	Poor	Semi-mature	Short (5-15)	Growing from cut stump, Co-dominant stems, Environmental/Dec lared Weed	One additional tree to the west.	Exempt	Exotic	4 (Environmental Pest / Noxious Weed)	Priority for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - irrespective	
337	<i>Corymbia maculata</i>	Spotted Gum	1	7	9	2.0	12.6	1.5	6	1	Good	Good	Juvenile	Short (5-15)	Suppressed		Protected	Native	2 (Medium)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
338	<i>Corymbia maculata</i>	Spotted Gum	1	66	72	7.9	197.1	2.9	21	18	Good	Good	Mature	Long (>40)	Deadwood major (>10cm diameter)		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Fill: 5.57%, Cut: 94.74%, Landscape reveg area: 4.41%, Hardstand (Road and Warehouse): 90.62% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 5.57% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 94.74% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 4.41% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 90.62% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
339	<i>Corymbia maculata</i>	Spotted Gum	1	10	16	2.0	12.6	1.5	8	3	Good	Poor	Semi-mature	Short (5-15)	Partial failure	Crown consistent of endocormic growth due to partial failure of the main stem.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
340	<i>Corymbia maculata</i>	Spotted Gum	1	14	19	2.0	12.6	1.6	10	3	Good	Good	Semi-mature	Medium (15-40)	Poor pruning	Located adjacent to fire hydrant.	Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
341	<i>Corymbia maculata</i>	Spotted Gum	1	31	35	3.7	43.5	2.1	14	5	Fair	Poor	Semi-mature	Short (5-15)	Deadwood major (>10cm diameter), Wound(s)	Large wound from base to 10m above ground level.	Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Fill: 2.97%, Cut: 100.00%, Landscape reveg area: 0.14%, Hardstand (Road and Warehouse): 98.36% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 2.97% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 0.14% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 98.36% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

Tree no.	Botanical Name	Common Name	Trees in group	DSH Total (cm)	DRB (cm)	Radial NRZ (m)	NRZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Vigour	Structural Condition	Age Class	ULE (Yrs.)	Observations	Comments	DCP Status	Origin	STARS Significance Rating	Retention Value	Encroachment into NRZ/SRZ	Within SRZ	Encroachment %	Encroachment Type	Likely Impact	Impact Assessment Recommendation	Alternative Design or Construction Methods (Generic Plus)
342	Melaleuca quinquenervia	Broad-leaved Paperbark	1	51.56	65	6.2	120.3	2.8	7	8	Good	Fair	Mature	Medium (15-40)	Included bark, Co-dominant stems		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Fill: 1.78%, Cut: 65.29%, Landscape reveg area: 9.34%, Hardstand (Road and Warehouse): 57.47% (Encroachment enters the SRZ)	Y	100	Major	Fill (High Impact): 1.78% - Fill will need to be deleted if trees are to be retained; Cut (High Impact): 65.29% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 9.34% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 57.47% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
343	Melaleuca quinquenervia	Broad-leaved Paperbark	1	17.92	25	2.2	14.5	1.8	6	5	Good	Fair	Semi-mature	Short (5-15)	Included bark, Asymmetrical crown, Co-dominant stems		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 65.11%, Landscape reveg area: 26.73%, Hardstand (Road and Warehouse): 42.38% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 65.11% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 26.73% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 42.38% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
344	Corymbia maculata	Spotted Gum	1	28	32	3.4	35.5	2.1	11	3	Fair	Poor	Semi-mature	Short (5-15)	Epicormic shoots, Dieback, Deadwood major (>10cm diameter)		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
345	Corymbia maculata	Spotted Gum	1	28	35	3.4	35.5	2.1	15	7	Good	Fair	Semi-mature	Medium (15-40)	Asymmetrical crown, Poor pruning - power line clearance		Protected	Native	2 (Medium)	Medium - Consider for Retention	NRZ encroachment (total 100.00%): Cut: 100.00%, Landscape reveg area: 2.64%, Hardstand (Road and Warehouse): 94.51% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 2.64% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 94.51% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
346	Corymbia maculata	Spotted Gum	1	17	19	2.0	13.1	1.6	10	2	Good	Poor	Semi-mature	Short (5-15)	Epicormic shoots, Poor pruning - power line clearance		Protected	Native	3 (Low)	Low - Consider for Removal	NRZ encroachment (total 100.00%): Cut: 100.00%, Hardstand (Road and Warehouse): 100.00% (Encroachment enters the SRZ)	y	100	Major	Cut (High Impact): 100.00% - Cut will need to be deleted if trees are to be retained; Hardstand (Road and Warehouse) (Critical Impact): 100.00% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	
347	Corymbia maculata	Spotted Gum	1	80	91	9.6	289.5	3.2	23	19	Excellent	Good	Mature	Long (>40)	Mechanical damage, Crossing/rubbing branches		Protected	Native	1 (High)	High - Priority for Retention	NRZ encroachment (total 100.00%): Cut: 83.71%, Landscape reveg area: 5.13%, Hardstand (Road and Warehouse): 79.34% (Encroachment enters the SRZ)	Y	100	Major	Cut (High Impact): 83.71% - Cut will need to be deleted if trees are to be retained; Landscape reveg area (Low Impact): 5.13% - Works largely relate to planting which can be done without heavy machinery; Hardstand (Road and Warehouse) (Critical Impact): 79.34% - Tree growth not conducive to impacts from permanent hardstand infrastructure	Remove - project impacts	

10. Appendix C – Tree Protection Plan



ES TO BE
RZ SHOWN
DRAWING.
ARBORIST
FOR TREE
AND SRZ.

LANDSCAPE
PROPOSED
TING WITH
PY TREES.

BSTATION.

/ CYCLIST
OM MILLER
PATHWAY
OUT TO BE
ONFIRMED.

N REFUGE
N MEDIAN.
ED ENTRY
LON SIGN.

/ CYCLIST
OM MILLER
PATHWAY
OUT TO BE
ONFIRMED.

EXISTING RAIL CORRIDOR G R A I L C O R

WAREHOUSE 2A
+24.750 (FFL)

WAREHOUSE 2B
+24.750 (FFL)

ENTRANCE WITH
OFFICES ABOVE

DOCK
OFFICE

RECESSED
DOCK

DOCK
OFFICE

DOCK
OFFICE

TRUCK ACC

HARDSTAN

ENTRANCE WITH
OFFICES ABOVE

REV	DESCRIPTION	DATE
A	DA - NOT FOR CONSTRUCTION	17/12/2025

NOTES:

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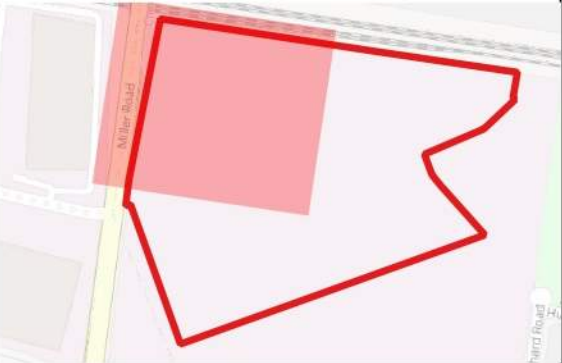
LEGEND

Site Boundary

NRZ Recommendations

Remove - irrespective

Remove - project impacts



DRAWN: KH 5 0 5 10 15 m
DWG NO: TRP.01
SCALE: 1:600 @A3

PROJECT:

CHESTER HILL

DWG:

TREE REMOVAL PLAN

CLIENT: LOGISPACE

SITE: 191 MILLER RD, CHESTER HILL NSW 2162

Suite 183, Unit 5,
7 Eden Park Drive,
Macquarie Park NSW 2113
E: info@canopyconsulting.com.au
P: 1300 1 CANOPY



ID	Latin Name	Tree QTY	Recommend
4	Platanus x acerifolia	1	Remove - project impacts
7	Grevillea robusta	4	Remove - project impacts
8	Corymbia maculata	1	Remove - project impacts
9	Corymbia maculata	1	Remove - project impacts
10	Corymbia maculata	1	Remove - project impacts
11	Corymbia maculata	1	Remove - project impacts
12	Acacia saligna	1	Remove - project impacts
13	Corymbia maculata	1	Remove - project impacts
14	Corymbia maculata	1	Remove - project impacts
15	Corymbia maculata	1	Remove - project impacts
16	Corymbia maculata	1	Remove - project impacts
17	Eucalyptus elata	1	Remove - project impacts
18	Corymbia maculata	1	Remove - project impacts
19	Eucalyptus elata	1	Remove - project impacts
20	Corymbia maculata	1	Remove - project impacts
21	Corymbia maculata	1	Remove - project impacts
22	Corymbia maculata	1	Remove - project impacts
23	Corymbia maculata	1	Remove - project impacts
24	Dead tree	1	Remove - irrespective
25	Dead tree	1	Remove - irrespective
26	Corymbia maculata	1	Remove - project impacts
27	Corymbia maculata	1	Remove - project impacts
28	Corymbia maculata	1	Remove - project impacts
29	Corymbia maculata	1	Remove - project impacts
30	Corymbia maculata	1	Remove - project impacts
31	Corymbia maculata	1	Remove - project impacts
32	Dead tree	1	Remove - irrespective
33	Dead tree	1	Remove - irrespective
34	Eucalyptus robusta	1	Remove - project impacts
35	Dead tree	1	Remove - irrespective
36	Casuarina glauca	1	Remove - project impacts
37	Corymbia maculata	1	Remove - project impacts
38	Corymbia maculata	1	Remove - project impacts
39	Dead tree	1	Remove - irrespective
40	Corymbia maculata	1	Remove - project impacts
41	Dead tree	1	Remove - irrespective
45	Corymbia maculata	1	Remove - project impacts
47	Corymbia maculata	1	Remove - project impacts
48	Casuarina glauca	1	Remove - project impacts
49	Casuarina glauca	1	Remove - project impacts
50	Casuarina glauca	1	Remove - project impacts
51	Casuarina glauca	1	Remove - project impacts
52	Casuarina glauca	1	Remove - project impacts
53	Casuarina glauca	1	Remove - project impacts
54	Dead tree	1	Remove - irrespective
55	Casuarina glauca	1	Remove - project impacts
56	Casuarina glauca	1	Remove - project impacts
57	Acacia saligna	1	Remove - project impacts
58	Acacia saligna	1	Remove - project impacts
59	Corymbia maculata	1	Remove - project impacts
60	Acacia saligna	1	Remove - project impacts
61	Acacia saligna	1	Remove - project impacts
62	Casuarina glauca	1	Remove - project impacts
63	Dead tree	1	Remove - irrespective
64	Casuarina glauca	1	Remove - project impacts
65	Casuarina glauca	1	Remove - project impacts

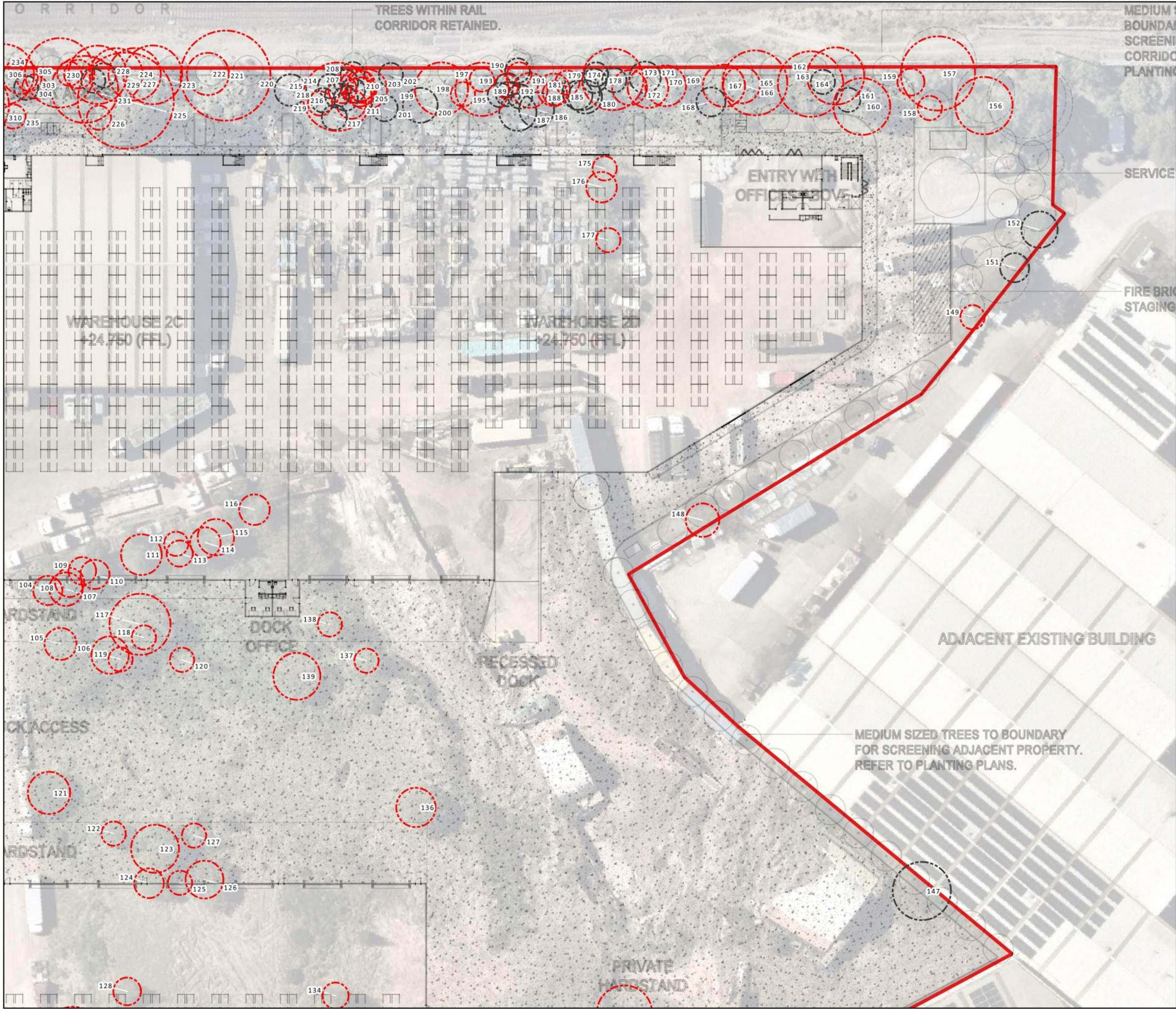
ID	Latin Name	Tree QTY	Recommend
66	Casuarina glauca	1	Remove - project impacts
67	Casuarina glauca	1	Remove - project impacts
68	Casuarina glauca	1	Remove - project impacts
69	Casuarina glauca	1	Remove - project impacts
70	Casuarina glauca	1	Remove - project impacts
71	Casuarina glauca	1	Remove - project impacts
72	Casuarina glauca	1	Remove - project impacts
73	Casuarina glauca	1	Remove - project impacts
74	Casuarina glauca	1	Remove - project impacts
75	Casuarina glauca	1	Remove - project impacts
76	Casuarina glauca	1	Remove - project impacts
77	Casuarina glauca	1	Remove - project impacts
78	Casuarina glauca	4	Remove - project impacts
79	Casuarina glauca	1	Remove - project impacts
80	Casuarina glauca	2	Remove - project impacts
81	Casuarina glauca	1	Remove - project impacts
82	Casuarina glauca	1	Remove - project impacts
83	Casuarina glauca	1	Remove - project impacts
84	Casuarina glauca	1	Remove - project impacts
85	Casuarina glauca	1	Remove - project impacts
86	Corymbia maculata	1	Remove - project impacts
87	Corymbia maculata	1	Remove - project impacts
88	Corymbia maculata	1	Remove - project impacts
89	Acacia saligna	1	Remove - project impacts
90	Acacia saligna	1	Remove - project impacts
91	Acacia saligna	7	Remove - project impacts
92	Acacia saligna	1	Remove - project impacts
93	Acacia saligna	1	Remove - project impacts
94	Acacia saligna	1	Remove - project impacts
95	Acacia saligna	1	Remove - project impacts
96	Acacia saligna	1	Remove - project impacts
97	Acacia saligna	1	Remove - project impacts
98	Acacia saligna	1	Remove - project impacts
99	Grevillea robusta	1	Remove - project impacts
100	Acacia saligna	1	Remove - irrespective
101	Acacia sp.	1	Remove - project impacts
102	Acacia saligna	1	Remove - project impacts
103	Acacia saligna	1	Remove - irrespective
104	Casuarina glauca	1	Remove - project impacts
105	Acacia saligna	1	Remove - project impacts
107	Casuarina glauca	1	Remove - project impacts
108	Casuarina glauca	1	Remove - project impacts
121	Acacia saligna	1	Remove - project impacts
229	Melaleuca quinquenervia	1	Remove - project impacts
231	Corymbia maculata	1	Remove - project impacts
232	Melaleuca quinquenervia	1	Remove - project impacts
233	Acacia saligna	1	Remove - project impacts
234	Melaleuca quinquenervia	1	Remove - project impacts
235	Acacia saligna	1	Remove - project impacts
236	Casuarina glauca	1	Remove - project impacts
237	Casuarina glauca	5	Remove - project impacts
238	Casuarina glauca	1	Remove - project impacts
239	Casuarina glauca	2	Remove - project impacts
240	Casuarina glauca	1	Remove - project impacts
241	Casuarina glauca	1	Remove - project impacts
242	Corymbia maculata	1	Remove - project impacts

ID	Latin Name	Tree QTY	Recommend
243	Corymbia maculata	1	Remove - irrespective
244	Corymbia maculata	1	Remove - project impacts
245	Olea europaea subsp. cuspidata	1	Remove - irrespective
246	Corymbia maculata	1	Remove - project impacts
247	Corymbia maculata	1	Remove - project impacts
248	Corymbia maculata	1	Remove - irrespective
249	Grevillea robusta	1	Remove - project impacts
250	Corymbia maculata	1	Remove - project impacts
251	Corymbia maculata	1	Remove - project impacts
252	Corymbia maculata	1	Remove - project impacts
253	Corymbia maculata	1	Remove - project impacts
254	Corymbia maculata	1	Remove - project impacts
255	Melaleuca quinquenervia	1	Remove - project impacts
256	Pittosporum undulatum	1	Remove - project impacts
257	Olea europaea subsp. cuspidata	1	Remove - irrespective
258	Grevillea robusta	1	Remove - project impacts
259	Ligustrum lucidum	1	Remove - irrespective
260	Ligustrum lucidum	1	Remove - irrespective
261	Melaleuca quinquenervia	1	Remove - project impacts
262	Corymbia maculata	1	Remove - irrespective
263	Corymbia maculata	1	Remove - project impacts
264	Ligustrum lucidum	1	Remove - irrespective
266	Corymbia maculata	1	Remove - project impacts
268	Dead tree	1	Remove - irrespective
271	Ligustrum lucidum	3	Remove - irrespective
272	Dead tree	1	Remove - irrespective
273	Olea europaea subsp. cuspidata	9	Remove - irrespective
274	Dead tree	1	Remove - irrespective
275	Ligustrum lucidum	5	Remove - irrespective
276	Dead tree	1	Remove - irrespective
277	Olea europaea subsp. cuspidata	2	Remove - irrespective
279	Dead tree	1	Remove - irrespective
280	Phoenix canariensis	1	Remove - irrespective
281	Corymbia maculata	1	Remove - project impacts
282	Ligustrum lucidum	3	Remove - irrespective
283	Dead tree	1	Remove - irrespective
285	Corymbia maculata	1	Remove - project impacts
286	Corymbia maculata	1	Remove - project impacts
287	Olea europaea subsp. cuspidata	5	Remove - irrespective
288	Corymbia maculata	1	Remove - project impacts
294	Corymbia maculata	1	Remove - project impacts
295	Olea europaea subsp. cuspidata	6	Remove - irrespective
297	Ligustrum lucidum	1	Remove - irrespective
298	Olea europaea subsp. cuspidata	1	Remove - irrespective
299	Corymbia maculata	1	Remove - project impacts
300	Corymbia maculata	1	Remove - project impacts
301	Corymbia maculata	1	Remove - project impacts
302	Acacia saligna	1	Remove - project impacts
303	Acacia saligna	2	Remove - project impacts
304	Olea europaea subsp. cuspidata	5	Remove - irrespective
305	Melaleuca quinquenervia	1	Remove - project impacts
306	Melaleuca quinquenervia	1	Remove - project impacts
307	Melaleuca quinquenervia	1	Remove - project impacts
308	Melaleuca quinquenervia	1	Remove - project impacts
309	Olea europaea subsp. cuspidata	3	Remove - irrespective

ID	Latin Name	Tree QTY	Recommend
310	Eucalyptus pilularis	1	Remove - project impacts
311	Melaleuca quinquenervia	1	Remove - project impacts
312	Melaleuca quinquenervia	1	Remove - project impacts
313	Melaleuca quinquenervia	1	Remove - project impacts
314	Olea europaea subsp. cuspidata	1	Remove - irrespective
315	Corymbia maculata	1	Remove - project impacts
316	Corymbia maculata	1	Remove - project impacts
317	Corymbia maculata	1	Remove - project impacts
318	Melaleuca quinquenervia	1	Remove - project impacts
319	Melaleuca quinquenervia	1	Remove - project impacts
320	Corymbia maculata	1	Remove - project impacts
321	Melaleuca quinquenervia	1	Remove - project impacts
322	Melaleuca quinquenervia	1	Remove - project impacts
323	Olea europaea subsp. cuspidata	2	Remove - irrespective
324	Ligustrum lucidum	1	Remove - irrespective
325	Corymbia maculata	1	Remove - irrespective
326	Melaleuca quinquenervia	1	Remove - project impacts
327	Olea europaea subsp. cuspidata	4	Remove - irrespective
328	Melaleuca quinquenervia	1	Remove - project impacts
329	Melaleuca quinquenervia	1	Remove - project impacts
330	Corymbia maculata	1	Remove - project impacts
331	Corymbia maculata	1	Remove - project impacts
332	Ligustrum lucidum	1	Remove - irrespective
333	Corymbia maculata	1	Remove - project impacts
334	Corymbia maculata	1	Remove - project impacts
335	Corymbia maculata	1	Remove - project impacts
336	Olea europaea subsp. cuspidata	2	Remove - irrespective
337	Corymbia maculata	1	Remove - project impacts
338	Corymbia maculata	1	Remove - project impacts
339	Corymbia maculata	1	Remove - project impacts
340	Corymbia maculata	1	Remove - project impacts
341	Corymbia maculata	1	Remove - project impacts
342	Melaleuca quinquenervia	1	Remove - project impacts
343	Melaleuca quinquenervia	1	Remove - project impacts
344	Corymbia maculata	1	Remove - project impacts
345	Corymbia maculata	1	Remove - project impacts
346	Corymbia maculata	1	Remove - project impacts
347	Corymbia maculata	1	Remove - project impacts

REV	DESCRIPTION	DATE
A	DA - NOT FOR CONSTRUCTION	17/12/2025
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DRAWN: KH DWG NO: TSR.01		
PROJECT: CHESTER HILL		
DWG: TREE REMOVAL SCHEDULE		
CLIENT: LOGISPACE SITE: 191 MILLER RD, CHESTER HILL NSW 2162		
Suite 183, Unit 5, 7 Eden Park Drive, Macquarie Park NSW 2113 E: info@canopyconsulting.com.au P: 1300 1 CANOPY		





REV	DESCRIPTION	DATE
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LEGEND

Site Boundary

NRZ Recommendations

Remove - irrespective

Remove - project impacts




DRAWN: KH 5 0 5 10 15 m
DWG NO: TRP.02
SCALE: 1:600 @A3 

PROJECT:
CHESTER HILL

DWG:
TREE REMOVAL PLAN

CLIENT: LOGISPACE
SITE: 191 MILLER RD, CHESTER HILL NSW 2162

Suite 183, Unit 5,
7 Eden Park Drive,
Macquarie Park NSW 2113
E: info@canopyconsulting.com.au
P: 1300 1 CANOPY



ID	Latin Name	Tree QTY	Recommend
104	Casuarina glauca	1	Remove - project impacts
105	Acacia saligna	1	Remove - project impacts
106	Acacia sp.	1	Remove - project impacts
107	Casuarina glauca	1	Remove - project impacts
108	Casuarina glauca	1	Remove - project impacts
109	Casuarina glauca	1	Remove - project impacts
110	Casuarina glauca	1	Remove - project impacts
111	Casuarina glauca	1	Remove - project impacts
112	Casuarina glauca	1	Remove - project impacts
113	Casuarina glauca	1	Remove - project impacts
114	Casuarina glauca	1	Remove - project impacts
115	Casuarina glauca	1	Remove - project impacts
116	Casuarina glauca	1	Remove - project impacts
117	Acacia saligna	1	Remove - project impacts
118	Acacia saligna	1	Remove - project impacts
119	Acacia saligna	1	Remove - project impacts
120	Casuarina glauca	1	Remove - project impacts
121	Acacia saligna	1	Remove - project impacts
122	Casuarina glauca	1	Remove - project impacts
123	Acacia saligna	1	Remove - project impacts
124	Acacia saligna	1	Remove - project impacts
125	Casuarina glauca	1	Remove - project impacts
126	Acacia saligna	1	Remove - project impacts
127	Casuarina glauca	1	Remove - project impacts
128	Casuarina glauca	1	Remove - project impacts
134	Casuarina glauca	1	Remove - project impacts
136	Acacia saligna	1	Remove - project impacts
137	Casuarina glauca	1	Remove - project impacts
138	Casuarina glauca	1	Remove - project impacts
139	Acacia saligna	1	Remove - project impacts
140	Acacia saligna	1	Remove - project impacts
147	Dead tree	1	Remove - irrespective
148	Casuarina glauca	1	Remove - project impacts
149	Casuarina glauca	1	Remove - project impacts
151	Ligustrum sp.	1	Remove - irrespective
152	Olea europaea subsp. cuspidata	1	Remove - irrespective
156	Eucalyptus sp.	1	Remove - project impacts
157	Melaleuca quinquenervia	1	Remove - project impacts
158	Corymbia citriodora	1	Remove - project impacts
159	Melaleuca quinquenervia	1	Remove - project impacts
160	Melaleuca decora	1	Remove - project impacts
161	Celtis sinensis	1	Remove - irrespective
162	Melaleuca quinquenervia	1	Remove - project impacts
163	Olea europaea subsp. cuspidata	2	Remove - irrespective
164	Melaleuca quinquenervia	1	Remove - project impacts
165	Melaleuca quinquenervia	1	Remove - project impacts
166	Melaleuca quinquenervia	1	Remove - project impacts
167	Melaleuca quinquenervia	1	Remove - project impacts
168	Dead tree	1	Remove - irrespective
169	Melaleuca quinquenervia	1	Remove - project impacts
170	Melaleuca quinquenervia	1	Remove - project impacts
171	Celtis sinensis	1	Remove - irrespective
172	Melaleuca quinquenervia	1	Remove - project impacts
173	Melaleuca quinquenervia	1	Remove - project impacts
174	Olea europaea subsp. cuspidata	5	Remove - irrespective
175	Acacia saligna	1	Remove - project impacts

ID	Latin Name	Tree QTY	Recommend
176	Acacia saligna	1	Remove - project impacts
177	Acacia saligna	7	Remove - project impacts
178	Olea europaea subsp. cuspidata	1	Remove - irrespective
179	Cotoneaster sp.	1	Remove - irrespective
180	Olea europaea subsp. cuspidata	1	Remove - irrespective
181	Callistemon salignus	1	Remove - irrespective
182	Olea europaea subsp. cuspidata	1	Remove - irrespective
183	Melaleuca quinquenervia	1	Remove - project impacts
184	Pittosporum undulatum	3	Remove - project impacts
185	Melaleuca quinquenervia	1	Remove - project impacts
186	Acacia saligna	1	Remove - irrespective
187	Acacia saligna	1	Remove - irrespective
188	Melaleuca quinquenervia	1	Remove - project impacts
189	Celtis sinensis	1	Remove - irrespective
190	Olea europaea subsp. cuspidata	1	Remove - irrespective
191	Callistemon viminalis	1	Remove - project impacts
192	Celtis sinensis	1	Remove - irrespective
193	Melaleuca quinquenervia	1	Remove - project impacts
194	Celtis sinensis	1	Remove - irrespective
195	Celtis sinensis	1	Remove - irrespective
196	Melaleuca quinquenervia	1	Remove - project impacts
197	Melaleuca quinquenervia	1	Remove - project impacts
198	Melaleuca quinquenervia	1	Remove - project impacts
199	Melaleuca quinquenervia	1	Remove - project impacts
200	Acacia saligna	1	Remove - irrespective
201	Dead tree	1	Remove - irrespective
202	Olea europaea subsp. cuspidata	1	Remove - irrespective
203	Melaleuca quinquenervia	1	Remove - project impacts
204	Melaleuca quinquenervia	1	Remove - project impacts
205	Melaleuca quinquenervia	1	Remove - project impacts
206	Melaleuca quinquenervia	1	Remove - project impacts
207	Melaleuca quinquenervia	1	Remove - project impacts
208	Olea europaea subsp. cuspidata	2	Remove - irrespective
209	Cinnamomum camphora	1	Remove - irrespective
210	Olea europaea subsp. cuspidata	1	Remove - irrespective
211	Melaleuca quinquenervia	1	Remove - project impacts
212	Ligustrum lucidum	1	Remove - irrespective
213	Melaleuca quinquenervia	1	Remove - project impacts
214	Olea europaea subsp. cuspidata	1	Remove - irrespective
215	Melaleuca quinquenervia	1	Remove - project impacts
216	Olea europaea subsp. cuspidata	1	Remove - irrespective
217	Ligustrum lucidum	1	Remove - irrespective
218	Ligustrum lucidum	1	Remove - irrespective
219	Pittosporum undulatum	1	Remove - project impacts
220	Dead tree	1	Remove - irrespective
221	Melaleuca quinquenervia	1	Remove - project impacts
222	Melaleuca quinquenervia	1	Remove - project impacts
223	Melaleuca quinquenervia	1	Remove - project impacts
224	Melaleuca quinquenervia	1	Remove - project impacts
225	Corymbia maculata	1	Remove - project impacts
226	Corymbia maculata	5	Remove - project impacts
227	Melaleuca quinquenervia	1	Remove - project impacts
228	Ligustrum lucidum	1	Remove - irrespective
229	Melaleuca quinquenervia	1	Remove - project impacts
230	Olea europaea subsp. cuspidata	1	Remove - irrespective

ID	Latin Name	Tree QTY	Recommend
231	Corymbia maculata	1	Remove - project impacts
232	Melaleuca quinquenervia	1	Remove - project impacts
233	Acacia saligna	1	Remove - project impacts
234	Melaleuca quinquenervia	1	Remove - project impacts
235	Acacia saligna	1	Remove - project impacts
302	Acacia saligna	1	Remove - project impacts
303	Acacia saligna	2	Remove - project impacts
304	Olea europaea subsp. cuspidata	5	Remove - irrespective
305	Melaleuca quinquenervia	1	Remove - project impacts
306	Melaleuca quinquenervia	1	Remove - project impacts

ID	Latin Name	Tree QTY	Recommend
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DRAWN: KH DWG NO:TSR.03		
PROJECT: CHESTER HILL DWG: TREE REMOVAL SCHEDULE		
CLIENT: LOGISPACE SITE: 191 MILLER RD, CHESTER HILL NSW 2162		
Suite 183, Unit 5, 7 Eden Park Drive, Macquarie Park NSW 2113 E: info@canopyconsulting.com.au P: 1300 1 CANOPY 		

ID	Latin Name	Tree QTY	Recommend
1	Angophora costata	1	Remove - irrespective
2	Syzygium paniculatum	1	Remove - project impacts
3	Syzygium paniculatum	1	Remove - project impacts
4	Platanus x acerifolia	1	Remove - project impacts
5	Angophora costata	1	Remove - project impacts
6	Angophora costata	1	Remove - project impacts
7	Grevillea robusta	4	Remove - project impacts
129	Acacia saligna	1	Remove - project impacts

ID	Latin Name	Tree QTY	Recommend
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ID	Latin Name	Tree QTY	Recommend
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ID	Latin Name	Tree QTY	Recommend
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DRAWN: KH
DWG NO:TSR.05

PROJECT:

CHESTER HILL

DWG:

TREE REMOVAL SCHEDULE

CLIENT: LOGISPACE
SITE: 191 MILLER RD, CHESTER HILL NSW 2162

Suite 183, Unit 5,
7 Eden Park Drive,
Macquarie Park NSW 2113
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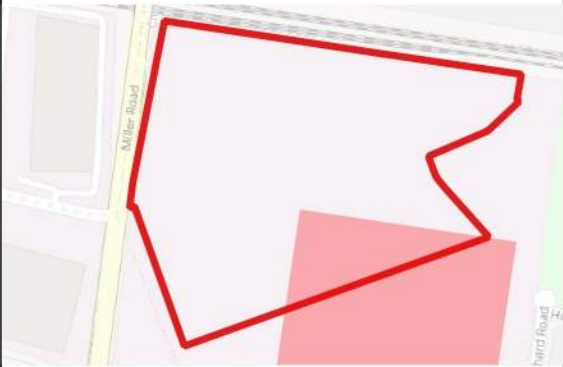


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- LEGEND**
- Site Boundary
 - NRZ Recommendations**
 - Remove - project impacts



DRAWN: KH 5 0 5 10 15 m
DWG NO: TRP.04
SCALE: 1:600 @A3

PROJECT:

CHESTER HILL

DWG:

TREE REMOVAL PLAN

CLIENT: LOGISPACE
SITE: 191 MILLER RD, CHESTER HILL NSW 2162

Suite 183, Unit 5,
7 Eden Park Drive,
Macquarie Park NSW 2113
E: info@canopyconsulting.com.au
P: 1300 1 CANOPY



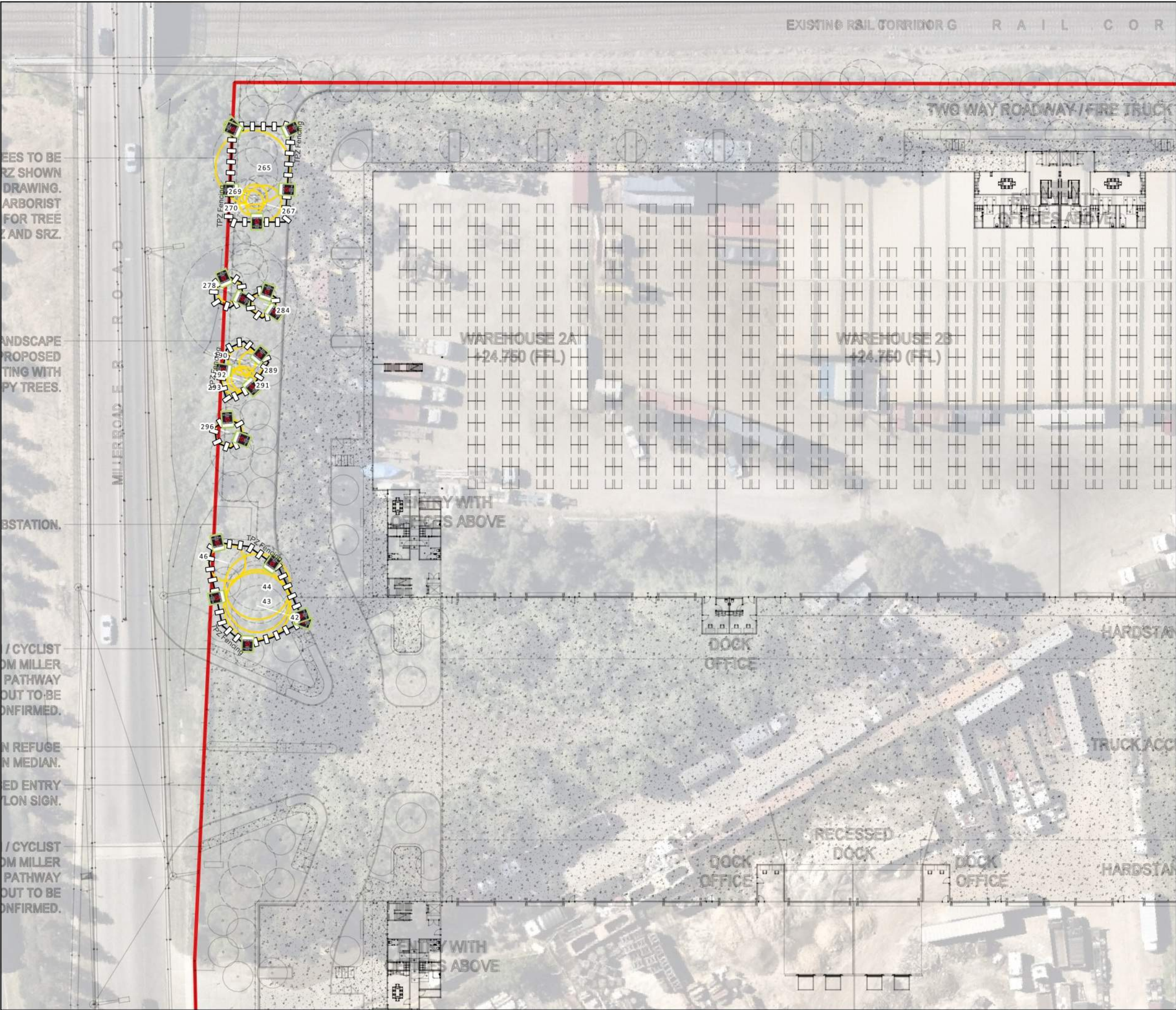
ID	Latin Name	Tree QTY	Recommend
128	Casuarina glauca	1	Remove - project impacts
129	Acacia saligna	1	Remove - project impacts
130	Casuarina glauca	1	Remove - project impacts
131	Angophora costata	1	Remove - project impacts
132	Acacia saligna	1	Remove - project impacts
133	Angophora costata	1	Remove - project impacts
134	Casuarina glauca	1	Remove - project impacts
135	Acacia saligna	1	Remove - project impacts
140	Acacia saligna	1	Remove - project impacts
141	Eucalyptus saligna	2	Remove - project impacts
142	Eucalyptus saligna	2	Remove - project impacts
143	Eucalyptus saligna	3	Remove - project impacts
144	Eucalyptus saligna	1	Remove - project impacts
145	Eucalyptus saligna	1	Remove - project impacts
146	Triadica sebifera	1	Remove - project impacts

ID	Latin Name	Tree QTY	Recommend
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ID	Latin Name	Tree QTY	Recommend
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ID	Latin Name	Tree QTY	Recommend
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DRAWN: KH DWG NO:TSR.07		
PROJECT: CHESTER HILL DWG: TREE REMOVAL SCHEDULE		
CLIENT: LOGISPACE SITE: 191 MILLER RD, CHESTER HILL NSW 2162		
Suite 183, Unit 5, 7 Eden Park Drive, Macquarie Park NSW 2113 E: info@canopyconsulting.com.au P: 1300 1 CANOPY 		



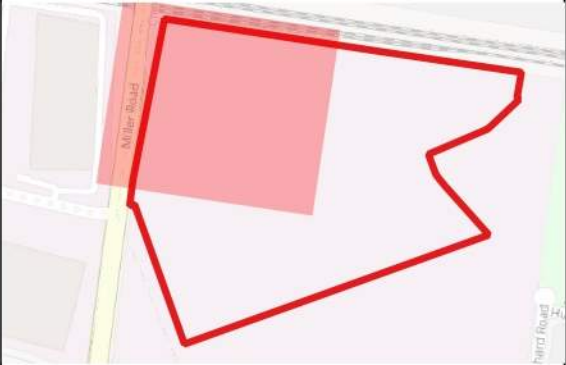
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LEGEND

- Site Boundary
- NRZ Recommendations
 - Retain - generic plus
- Tree Protection
 - TPZ Fencing



DRAWN: KH 5 0 5 10 15 m
DWG NO: TLP.01
SCALE: 1:600 @A3

PROJECT:
CHESTER HILL

DWG:
TREE PROTECTION PLAN

CLIENT: LOGISPACE
SITE: 191 MILLER RD, CHESTER HILL NSW 2162

ID	Latin Name	Tree QTY	Recommend	Specific Requirement
42	Corymbia maculata	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
43	Corymbia maculata	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
44	Corymbia maculata	1	Retain - generic plus	
46	Brachychiton acerifolius	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
265	Casuarina glauca	1	Retain - generic plus	
267	Grevillea robusta	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
269	Schinus molle var. areira	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
270	Grevillea robusta	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
278	Pittosporum undulatum	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
284	Corymbia maculata	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
289	Corymbia maculata	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
290	Corymbia maculata	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
291	Corymbia maculata	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
292	Corymbia maculata	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
293	Corymbia maculata	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
296	Callistemon viminalis	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.

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DRAWN: KH DWG NO:TSP.01		
PROJECT: CHESTER HILL DWG: TREE PROTECTION SCHEDULE		
CLIENT: LOGISPACE SITE: 191 MILLER RD, CHESTER HILL NSW 2162		
Suite 183, Unit 5, 7 Eden Park Drive, Macquarie Park NSW 2113 E: info@canopyconsulting.com.au P: 1300 1 CANOPY canopy consulting		

ID	Latin Name	Tree QTY	Recommend	Specific Requirement
150	Casuarina glauca	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ. Mulch and irrigation to be installed and maintained to offset root loss
153	Acacia baileyana	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ.
154	Melaleuca decora	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ. Mulch and irrigation to be installed and maintained to offset root loss
155	Eucalyptus fibrosa	1	Retain - generic plus	Landscaping works are to be tree sensitive and without the use of heavy machinery in the NRZ. Mulch and irrigation to be installed and maintained to offset root loss

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DRAWN: KH DWG NO:TSP.02		
PROJECT: CHESTER HILL DWG: TREE PROTECTION SCHEDULE		
CLIENT: LOGISPACE SITE: 191 MILLER RD, CHESTER HILL NSW 2162		
Suite 183, Unit 5, 7 Eden Park Drive, Macquarie Park NSW 2113 E: info@canopyconsulting.com.au P: 1300 1 CANOPY 		

GENERAL

PROJECT ARBORIST

AN OFFICIAL “PROJECT ARBORIST” MUST BE COMMISSIONED TO OVERSEE THE TREE PROTECTION, ANY WORKS WITHIN THE TPZ’S AND COMPLETE REGULAR MONITORING COMPLIANCE CERTIFICATION. THE PROJECT ARBORIST MUST HAVE MINIMUM FIVE (5) YEARS INDUSTRY EXPERIENCE IN THE FIELD OF ARBORICULTURE, HORTICULTURE WITH RELEVANT DEMONSTRATED EXPERIENCE IN TREE MANAGEMENT ON CONSTRUCTION SITES, AND DIPLOMA LEVEL QUALIFICATIONS IN ARBORICULTURE – AQF LEVEL 5.

GENERIC TREE PROTECTION

GENERIC TREE PROTECTION MEASURES ARE RECOMMENDED TO RESTRICT CONSTRUCTION ACTIVITIES WITHIN THE TPZ WHICH MAY ADVERSELY AFFECT THE HEALTH AND CONDITION OF A TREE TO BE RETAINED. IN ORDER OF PRECEDENCE, THE FOLLOWING IS REQUIRED FOR ALL TREES. INSTALL TPZ FENCING AND SIGNAGE PER THE TPMP. WHERE IMPRACTICAL; INSTALL TRUNK AND GROUND PROTECTION WHERE MACHINE ACCESS IS REQUIRED.

NOTES:
ALL ACTIVITIES WITHIN THE FENCED TPZ ARE TO BE SUPERVISED BY THE PROJECT ARBORIST.
TPZ FENCING IS NOT TO BE MOVED.

COMPLIANCE INSPECTION AND REPORTING

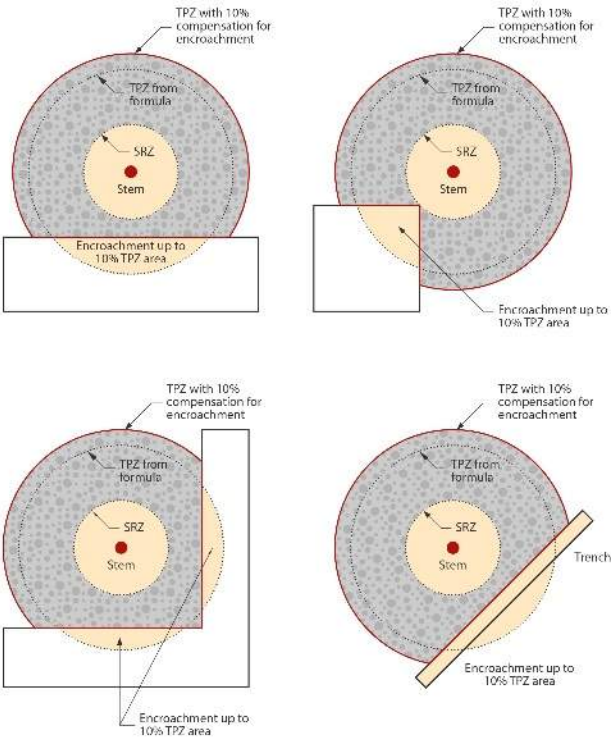
COMPLIANCE INSPECTIONS ARE RECOMMENDED TO BE COMPLETED ON A MONTHLY BASIS THROUGH THE CONSTRUCTION STAGE. FOLLOWING EACH INSPECTION, THE PROJECT ARBORIST SHALL PREPARE A DOCUMENT DETAILING THE CONDITION OF THE TREES. THESE DOCUMENTS SHOULD CERTIFY WHETHER THE WORKS HAVE BEEN COMPLETED IN COMPLIANCE WITH THE APPROVED CONSENT CONDITIONS RELATING TO TREE PROTECTION. THESE REPORTS SHOULD CONTAIN PHOTOGRAPHIC EVIDENCE WHERE NECESSARY. INSPECTIONS ARE TO BE CONDUCTED BY THE PROJECT ARBORIST AT SEVERAL KEY POINTS DURING THE CONSTRUCTION IN ORDER TO ENSURE THAT PROTECTION MEASURES ARE BEING ADHERED TO DURING CONSTRUCTION STAGES AND DECLINE IN TREE HEALTH OR ADDITIONAL REMEDIATION MEASURES CAN BE IDENTIFIED. ANY WORKS WITHIN TREE PROTECTION ZONES ARE TO BE MONITORED AND SUPERVISED BY THE PROJECT ARBORIST.

HOLD POINTS

Construction Stage	Task	Responsibility	Certification	Timing of Inspection
Pre-construction	Indicate clearly (with spray paint or tape on trunks) trees approved for removal only	Principal Contractor	Project Arborist	Prior to site establishment
	Install tree protection measures			
	Induct construction staff into TREE PROTECTION PLAN			
During Construction	Supervise all excavation works proposed within the TPZ of trees to be retained	Principal Contractor	Project Arborist	As required prior to the works proceeding adjacent to trees to be retained
	Inspection of trees by Project Arborist			Quarterly during construction period
Post-construction	Final Inspection of trees by Project Arborist	Principal Contractor	Project Arborist	Following practical completion of works

EXPLORATORY ROOT INVESTIGATION

WHERE TREES ARE INTENDED TO BE RETAINED, AND POTENTIAL WORKS AREAS MAY ENTER THE TPZ OR SRZ, DETERMINING ROOT LOCATION AND, THEREFORE THE IMPACT ON THE TREES IS AN IMPORTANT PROCESS. EXPLORATORY ROOT EXCAVATION SHOULD BE UNDERTAKEN IN A MANNER THAT CAUSES THE LEAST AMOUNT OF DAMAGE TO ROOT MATERIAL IN THE PROCESS. THIS MAY INCLUDE THE USE OF AIR EXCAVATION (AIR-SPADE) OR HYDRO OR DRY-VAC EXCAVATION. ROOT INVESTIGATIONS SHOULD BE UNDERTAKEN AT PRE-AGREED LOCATIONS THAT WILL MOST EFFECTIVELY GUIDE THE DESIGN. FINDINGS OF THE ROOT INVESTIGATION SHOULD BE COMPILED INTO A REPORT WHICH IDENTIFIES SIGNIFICANT ROOTS THAT SHOULD BE RETAINED AND LESS SIGNIFICANT ROOTS THAT MAY BE APPROPRIATE FOR SEVERANCE. THE SIZE AND VOLUME OF ROOTS WHICH MAY BE CUT MUST BE ASSESSED BY AN ARBORIST AND CONSIDER TREE PHYSIOLOGY, EXISTING SITE AND SOIL CONDITIONS AND SPECIES TRAITS AND TOLERANCE OF ROOT PRUNING.



PERMISSIBLE TPZ ENCROACHMENTS

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DRAWN: KH
DWG NO:SPEC.01

PROJECT:
CHESTER HILL

DWG:
TREE PROTECTION SPECIFICATION

CLIENT: LOGISPACE
SITE: 191 MILLER RD, CHESTER HILL NSW 2162

Suite 183, Unit 5,
7 Eden Park Drive,
Macquarie Park NSW 2113
E: info@canopyconsulting.com.au
P: 1300 1 CANOPY



DEMOLITION / PRE-CONSTRUCTION

SITE ESTABLISHMENT

THE PROJECT ARBORIST IS TO BE PROVIDED A COPY OF THE CONSTRUCTION MANAGEMENT PLAN (CMP) TO CHECK FOR COMPLIANCE WITH THE TPMP. THE CMP SHOULD ENSURE THAT SITE SHEDS, HAUL ROADS, LAYDOWN AREAS AND SEDIMENT CONTROL ARE LOCATED OUTSIDE THE TPZ OF TREES TO BE RETAINED.
AT THE COMPLETION OF SITE ESTABLISHMENT, THE PROJECT ARBORIST IS TO CERTIFY THAT TREE PROTECTION MEASURES COMPLY WITH THE TPMP.

TPZ FENCING

PROTECTIVE FENCING IS TO BE INSTALLED AS PER TREE PROTECTION PLAN. FENCING IS TO COMPLY WITH AUSTRALIAN STANDARD AS 4687-2007 TEMPORARY FENCING AND HOARDINGS.
ONCE ERECTED, PROTECTIVE FENCING MUST NOT BE REMOVED OR ALTERED WITHOUT APPROVAL FROM THE PROJECT ARBORIST. THE TPZ FENCING SHOULD BE SECURED TO RESTRICT ACCESS.
TPZ FENCING IS TO BE A MINIMUM OF 1.8M HIGH AND MESH OR WIRE BETWEEN POSTS MUST BE HIGHLY VISIBLE. FENCE POSTS AND SUPPORTS SHOULD HAVE A DIAMETER GREATER THAN 20MM AND SHOULD IDEALLY BE FREESTANDING, OTHERWISE BE LOCATED CLEAR OF THE ROOTS.
TREE PROTECTION FENCING MUST REMAIN INTACT THROUGHOUT ALL PROPOSED CONSTRUCTION WORKS AND MUST ONLY BE DISMANTLED AFTER THEIR CONCLUSION. THE TEMPORARY DISMANTLING OF TREE PROTECTION FENCING MUST ONLY BE DONE WITH THE AUTHORISATION OF THE PROJECT ARBORIST AND/OR THE RESPONSIBLE AUTHORITY.
ANY WORKS TO BE UNDERTAKEN WITHIN THE TREE PROTECTION ZONE FENCING ARE TO BE MONITORED AND CERTIFIED BY THE PROJECT ARBORIST.

PROHIBITED ACTIVITIES WITHIN THE TPZ

ACTIVITIES GENERALLY EXCLUDED FROM THE TPZ INCLUDED BUT ARE NOT LIMITED TO-

- MACHINE EXCAVATION INCLUDING TRENCHING;
- EXCAVATION FOR SILT FENCING;
- CULTIVATION;
- STORAGE;
- PREPARATION OF CHEMICALS, INCLUDING PREPARATION OF CEMENT PRODUCTS;
- PARKING OF VEHICLES AND PLANT;
- REFUELLING;
- DUMPING OF WASTE;
- WASH DOWN AND CLEANING OF EQUIPMENT;
- PLACEMENT OF FILL;
- LIGHTING OF FIRES;
- SOIL LEVEL CHANGES;
- TEMPORARY OR PERMANENT INSTALLATION OF UTILITIES AND SIGNS, AND
- PHYSICAL DAMAGE TO THE TREE.

TREE PROTECTION SIGNS

SIGNS IDENTIFYING THE TPZ ARE TO BE INSTALLED ON THE TREE PROTECTION FENCING IN 10M INTERVALS.

TRUNK BRANCH AND GROUND PROTECTION

GROUND PROTECTION IS TO BE INSTALLED AS SHOWN IN THE TPMP PLAN. THE PURPOSE OF GROUND PROTECTION IS TO PREVENT ROOT DAMAGE AND SOIL COMPACTION. MEASURES MAY INCLUDE A PERMEABLE MEMBRANE SUCH AS GEOTEXTILE FABRIC BENEATH A 100MM THICK LAYER OF MULCH OR CRUSHED ROCK BELOW RUMBLE BOARDS, OR STEEL PLATES OR TRACK MATS.
TREE TRUNK/S AND/OR MAJOR BRANCHES LOCATED WITHIN CLOSE PROXIMITY TO WORKS, MUST BE WRAPPED WITH PROTECTIVE HESSIAN OR SIMILAR ACCEPTABLE MATERIAL TO PREVENT TREE INJURY. MAJOR BRANCHES WOULD TYPICALLY BE CONSIDERED TO BE OF A DIAMETER GREATER THAN 100MM DIAMETER.
TIMBER BATTENS (50 MM X 100 MM X 2000MM OR SIMILAR) MUST BE PLACED AROUND TREE TRUNKS WITH BATTENS SPACED AT 100 MM INTERVALS AND FIXED AGAINST THE TRUNK USING METAL OR DURABLE PLASTIC STRAPPING WITH CONNECTIONS APPROPRIATELY FINISHED OR COVERED TO PROTECT PEDESTRIANS FROM SNAGGING INJURY. THE HESSIAN AND TIMBER BATTENS MUST NOT BE FIXED TO THE TREE. TREE TRUNK AND MAJOR BRANCH PROTECTION ARE TO REMAIN IN PLACE FOR THE DURATION OF WORKS AND MUST BE REMOVED AT THE COMPLETION OF THE PROJECT.

SCAFFOLDING

WHERE SCAFFOLDING IS REQUIRED IT SHOULD BE ERECTED OUTSIDE THE TPZ. WHERE IT IS ESSENTIAL FOR SCAFFOLDING TO BE ERECTED WITHIN THE TPZ, BRANCH REMOVAL SHOULD BE MINIMIZED. THIS CAN BE ACHIEVED BY DESIGNING SCAFFOLDING TO AVOID BRANCHES OR TYING BACK BRANCHES. WHERE PRUNING IS UNAVOIDABLE IT MUST BE SPECIFIED BY THE PROJECT ARBORIST IN ACCORDANCE WITH AS 4373-2007 PRUNING OF AMENITY TREES. NOTE: PRUNING WORKS WILL REQUIRE APPROVAL BY DETERMINING AUTHORITY.
GROUND BELOW THE SCAFFOLDING SHOULD BE PROTECTED BY BOARDING (E.G. SCAFFOLD BOARD OR PLYWOOD SHEETING). WHERE ACCESS IS REQUIRED, A BOARD WALK OR OTHER SURFACE MATERIAL SHOULD BE INSTALLED TO MINIMIZE SOIL COMPACTION. BOARDING SHOULD BE PLACED OVER A LAYER OF MULCH AND IMPERVIOUS SHEETING TO PREVENT SOIL CONTAMINATION. THE BOARDING SHOULD BE LEFT IN PLACE UNTIL THE SCAFFOLDING IS REMOVED.

DEMOLITION OF HARDSTAND AREAS

DEMOLITION OF EXISTING HARD STAND AREAS WITHIN THE TPZ OF TREES TO BE RETAINED MAY BE UNDERTAKEN USING MACHINERY BUT MUST BE UNDER THE SUPERVISION OF THE PROJECT ARBORIST. DEMOLITION OF THE GROUND SURFACES MUST BE UNDERTAKEN FROM EXISTING HARD STAND AREAS OR GROUND PROTECTION AND SHOULD COMMENCE AT THE OUTER EXTENT OF THE EXISTING SURFACE MATERIAL AND MOVE AWAY FROM TREES TO BE RETAINED.

SEDIMENT CONTROL

SEDIMENT CONTROL WITHIN TREE PROTECTION ZONES IS TO BE INSTALLED TO AVOID BELOW GROUND EXCAVATION AS THIS MAY DAMAGE ROOTS. COIR LOGS INSTALLED ABOVE GRADE THAT ARE PINNED TO AVOID ROOTS ARE AN ACCEPTABLE METHOD.



EXAMPLE TPZ SIGNAGE

REV	DESCRIPTION	DATE
A	FOR DA - NOT FOR CONSTRUCTION	17/12/2025
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DRAWN: KH DWG NO: SPEC.02		
PROJECT: CHESTER HILL DWG: TREE PROTECTION SPECIFICATION		
CLIENT: LOGISPACE SITE: 191 MILLER RD, CHESTER HILL NSW 2162		
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DURING CONSTRUCTION

POST CONSTRUCTION

EXCAVATIONS WITHIN TREE PROTECTION ZONES

THE PROJECT ARBORIST IS TO MONITOR THE IMPACTS OF DEMOLITION, BULK EARTHWORKS, AND INSTALLATION OF TEMPORARY INFRASTRUCTURE INCLUDING BUILDING, SEDIMENT CONTROL AND DRAINAGE WORKS. WHERE THE EXTENT OF ENCROACHMENT IS LESS THAN 10% OF THE TPZ, INCLUDING ANY EXCAVATIONS FOR BENCHING AND SHORING, EXCAVATION MAY BE UNDERTAKEN USING CONVENTIONAL CONSTRUCTION METHODS. 10% OF THE TPZ IS EQUIVALENT TO ONE-THIRD OF THE TPZ RADIUS ON ONE SIDE. WHERE THE ENCROACHMENT IS TO BE GREATER THAN 10% OF THE TPZ AND PRIOR TO ANY MECHANICAL EXCAVATIONS FOR BUILDING FOUNDATIONS, SHORING, RETAINING WALL OR PAVEMENT SUBGRADE WITHIN THE TPZ OF TREES TO BE RETAINED; EXPLORATORY EXCAVATION USING NON-DESTRUCTIVE METHODOLOGY SHALL BE UNDERTAKEN AT THE PERIMETER OF THE STRUCTURE, EXCAVATION REQUIRED FOR SHORING, RETAINING WALL OR PAVEMENT SUBGRADE WITHIN THE TPZ. SUCH TECHNIQUES INCLUDE:

- EXCAVATION BY HAND
- EXCAVATION USING A HIGH-PRESSURE WATER JET AND VACUUM TRUCK
- EXCAVATION USING AN AIR SPADE WITH A VACUUM TRUCK.

THE NON-DESTRUCTIVE EXCAVATION SHALL BE UNDERTAKEN AT THE OUTER LIMITS OF THE STRUCTURE TO THE DEPTH OF THE FOUNDATION OR EXCAVATION, OR TO A MAXIMUM OF 800MM BELOW EXISTING SURFACE LEVELS. ALL CARE MUST BE TAKEN TO PREVENT THE DAMAGE OR SEVERANCE OF ROOTS GREATER THAN 50MM IN DIAMETER. ANY ROOTS ENCOUNTERED THAT ARE LESS THAN 50MM IN DIAMETER MAY BE CLEANLY SEVERED WITH A SHARP PRUNING IMPLEMENT AT THE INTERFACE OF THE EXCAVATION NEAREST THE TREE. THE EXPOSED ROOT ZONE IS TO BE KEPT MOIST BY WAY OF GEOTEXTILE OR HESSIAN PLACED ALONG THE OPEN INTERFACE OF THE EXCAVATION NEAREST THE TREE.

WHERE ROOTS GREATER THAN 50MM IN DIAMETER ARE ENCOUNTERED DURING EXPLORATORY EXCAVATION, ADVICE FROM THE PROJECT ARBORIST SHALL BE SOUGHT.

PAVEMENTS WITHIN TREE PROTECTION ZONES

ANY PAVEMENTS OR FOOTPATHS WITHIN TPZ OF TREES TO BE RETAINED SHOULD BE INSTALLED AT OR ABOVE EXISTING GRADE TO MINIMISE THE NEED FOR EXCAVATION TO AVOID DAMAGE OR SEVERANCE OF PRIMARY WOODY ROOTS. THE PAVEMENT SUB-BASE SHALL BE A COARSE, GAP-GRADED MATERIAL WITH NO FINES IN ORDER TO ALLOW SOME AERATION AND MOISTURE INFILTRATION TO THE ROOT ZONE. THE USE OF PERMEABLE PAVEMENTS, BONDED AGGREGATE OR CELLULAR CONFINEMENT SYSTEMS SHOULD BE INVESTIGATED AS ALTERNATIVE CONSTRUCTION METHODS.

UNDERGROUND SERVICES WITHIN TREE PROTECTION ZONES

ALL UNDERGROUND SERVICES SHOULD BE ROUTED OUTSIDE THE TPZ OF TREES TO BE RETAINED. WHERE UNAVOIDABLE, SERVICES MAY BE INSTALLED VIA ALTERNATIVE METHODS WHICH MAY INCLUDE TREE SENSITIVE EXCAVATION OR HORIZONTAL DIRECTIONAL DRILLING (HDD). WHERE HDD IS USED, ENTRY AND EXIT PITS ARE TO BE LOCATED OUTSIDE THE TPZ OF TREES TO BE RETAINED.

WHERE EXCAVATION OR TRENCHING IS REQUIRED TO FACILITATE INSTALLATION OF UNDERGROUND SERVICES WITHIN THE TPZS OF ANY SITE TREES ARBORIST SUPERVISION IS REQUIRED. WORKS SHOULD BE UNDERTAKEN USING TECHNIQUES THAT ARE SENSITIVE TO TREE ROOTS TO AVOID UNNECESSARY DAMAGE. SUCH TECHNIQUES INCLUDE:

- EXCAVATION BY HAND
- EXCAVATION USING A HIGH-PRESSURE WATER JET AND VACUUM TRUCK
- EXCAVATION USING AN AIR SPADE WITH VACUUM TRUCK.
- MACHINE EXCAVATION IS PROHIBITED WITHIN THE TPZS OF RETAINED TREES UNLESS UNDERTAKEN AT THE DIRECT CONSENT FROM THE PROJECT ARBORIST AND/OR THE RESPONSIBLE AUTHORITY.

WHERE A SITUATION OCCURS THAT A SIGNIFICANT ROOT (ROOT GREATER THAN >50 MM DIAMETER) REQUIRES PRUNING OR REMOVAL, THE ROOT IS TO BE SEVERED WITH A SHARP SAW IMPLEMENT BY OR UNDER INSTRUCTION OF THE PROJECT ARBORIST.

FILL WITHIN TREE PROTECTION ZONES

WHERE UNAVOIDABLE, FILL PLACED WITHIN TPZ OF TREES TO BE RETAINED SHALL BE WELL-DRAINED MATERIAL EQUIVALENT OR FINER IN TEXTURE THAN THE EXISTING SITE TOPSOIL MATERIAL AND SHOULD COMPLY WITH AS 4419:2003 (SOILS FOR LANDSCAPING AND GARDEN USE). THE FILL CAN BE LIGHTLY CONSOLIDATED BUT NOT TO ENGINEERING STANDARDS. IF FILL IS TO BE PLACED BY MACHINERY, THIS MUST BE DONE FROM OUTSIDE THE TPZ OF FROM EXISTING HARD STAND AREAS. ALTERNATIVELY, GROUND PROTECTION MAY BE USED TO FACILITATE MACHINE ACCESS.

LANDSCAPING WORKS WITHIN TREE PROTECTION ZONES

THE LANDSCAPE PLAN IS TO BE CHECKED FOR COMPLIANCE WITH THE TPMP. STAGED REMOVAL OF TREE PROTECTION METHODS MAY BE REQUIRED TO FACILITATE LANDSCAPING WORKS.

ANY LANDSCAPING WORKS WITHIN THE TPZ OF TREES TO BE RETAINED IS TO BE UNDER THE DIRECT SUPERVISION OF THE PROJECT ARBORIST. THESE MAY INCLUDE BUT ARE NOT LIMITED TO; RETAINING WALLS, IRRIGATION AND LIGHTING SYSTEMS, TOPDRESSING, PLANTING AND PAVING.

ANY LANDSCAPING WORKS REQUIRING EXCAVATION FOR DRAINAGE OR THE LIKE IS TO BE UNDERTAKEN USING NON-DESTRUCTIVE METHODS PREVIOUSLY DESCRIBED.

DEFECTS LIABILITY PERIOD

COMPLETION OF OUTSTANDING BUILDING OR LANDSCAPING WORKS FOLLOWING THE CONSTRUCTION PERIOD MUST NOT INJURE TREES.

FINAL CERTIFICATION

THE FINAL INSPECTION BY THE PROJECT ARBORIST SHOULD DETAIL THE HEALTH AND CONDITION OF THE TREES AND THEIR GROWING ENVIRONMENT AND PROVIDE RECOMMENDATIONS FOR ANY NECESSARY REMEDIAL ACTIONS. THESE ACTIONS MAY INCLUDE PRUNING IN ACCORDANCE WITH AS4373-2007 PRUNING OF AMENITY TREES AND/OR SOIL REMEDIATION TO REPAIR THE GROWING ENVIRONMENT. ON PROJECT COMPLETION, THE PROJECT ARBORIST SHALL CERTIFY IN WRITING TO THE CERTIFYING AUTHORITY THAT THE CONDITIONS OF CONSENT RELATING TO TREE PROTECTION, TREE REMOVAL, PRUNING AND PLANTING OF NEW TREES HAVE BEEN COMPLIED WITH OR, IF THE CONDITIONS HAVE BEEN CONTRAVENED, DETAIL THE EXTENT AND NATURE OF THE DEPARTURE FROM THE CONDITIONS AND THEIR IMPACTS ON TREES.

REV	DESCRIPTION	DATE
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DRAWN: KH
DWG NO: SPEC.03

PROJECT:

CHESTER HILL

DWG:

TREE PROTECTION SPECIFICATION

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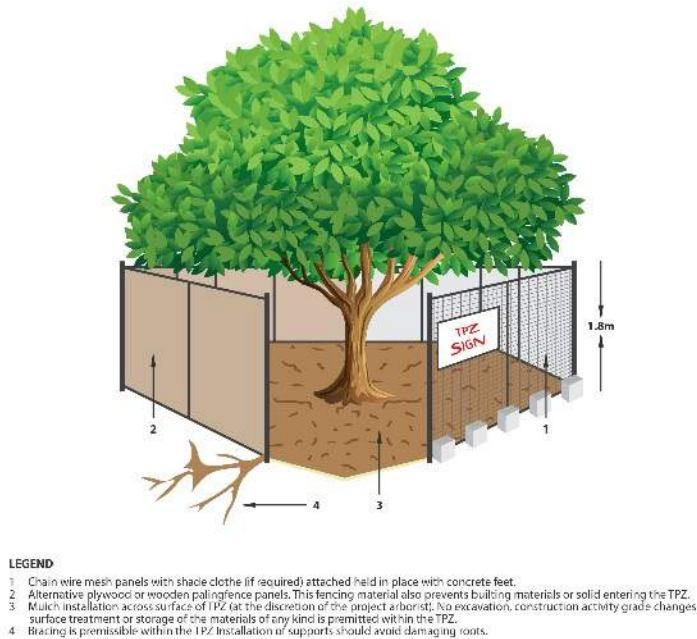


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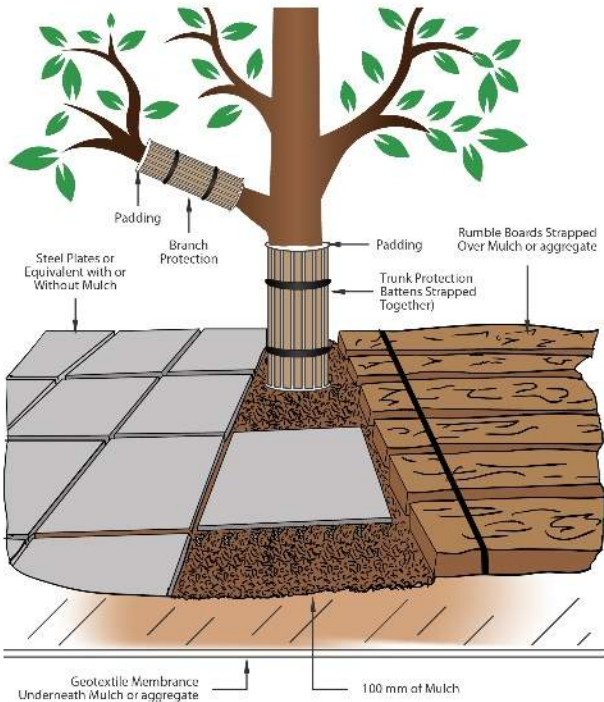
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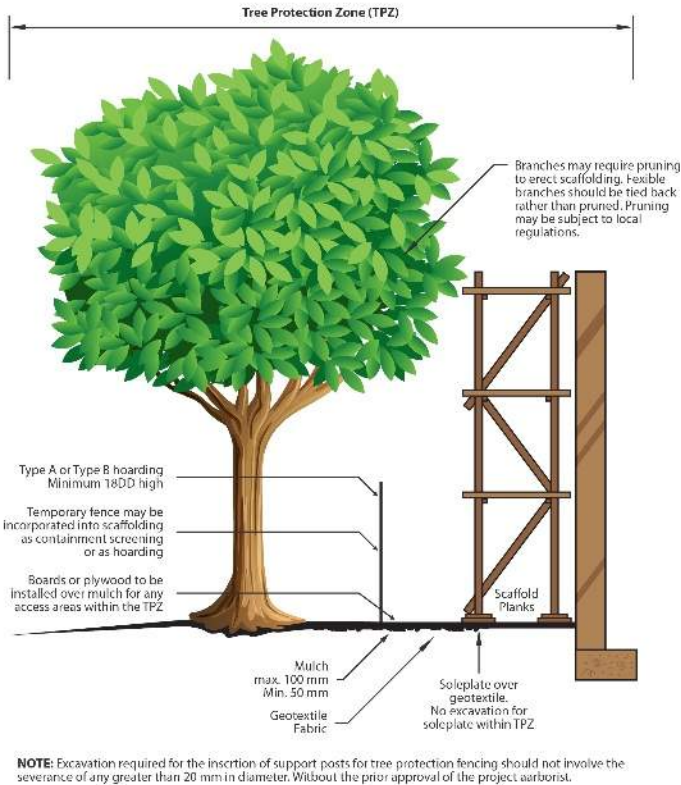
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TPZ FENCING DETAIL - ABOVE



TRUNK BRANCH AND GROUND PROTECTION DETAIL



SCAFFOLDING DETAIL

DRAWN: KH
DWG NO:SPEC.04

PROJECT:
CHESTER HILL

DWG:
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