

Arboricultural Impact Assessment

Lot 6 and 7 in DP 1203674 484 - 488 Bringelly Road, Austral

Commissioned by: **Dreamscapes Architects**

S1502, Level 15, Citadel Towers

799 Pacific Highway CHASTWOOD NSW 2067

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Summary

Australis Tree Management has been commissioned by Dreamscapes Architects to complete an arboricultural impact assessment. This report aims to identify the health and condition of the trees, potential impacts from proposed works.

On the 6th & 13th June 2017, I attended the site at 484 - 488 Bringelly Road, Austral and inspected two hundred and thirty (230) trees, which are located on site and within 5m of the boundaries of the site on adjoining properties.

I completed a modified Tree Survey Form (Matheny & Clark, 1994), applied 'TreeAZ' ratings (Barrell, 2016) as well as taking photographs.

Summary of Results

- One hundred and thirty-six (136) trees on site are indigenous
- Twenty-one (21) trees are native species
- Twenty (20) trees are exotic species
- Seven (7) trees on site are dead and should be assessed by an ecologist for habitat capabilities and management
- Ten (10) trees are listed as Noxious Weeds
- Thirty (30) trees are not protected under councils Tree Management Policy due their small size or species.
- Three (3) trees are located on an adjoining property and proposed for removal
- 49% of the trees are in adequate health and condition with 'TreeAZ' ratings of 'A' and 51% have ratings of 'Z' and not worthy of long term retention.

The development proposed is for the demolition of the existing structures for the construction of a residential flat building development with associated works.

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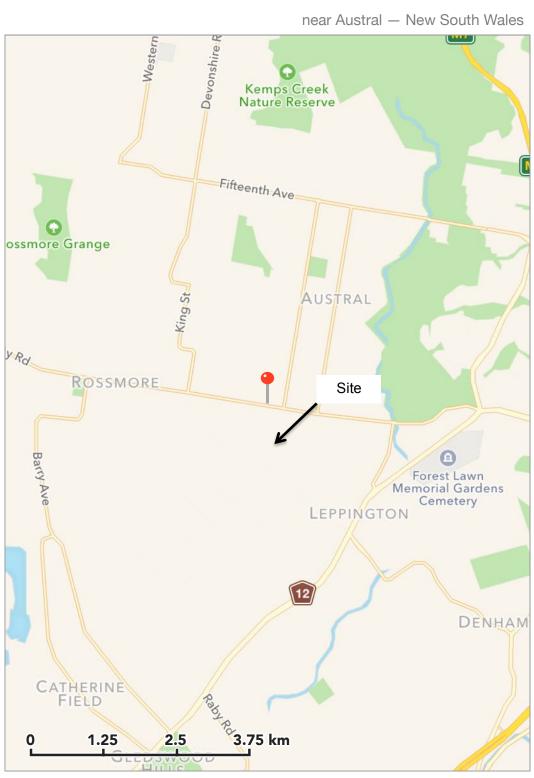
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Abbrevi	iations	
	EPBC ActEnvironment Protection & Biodiversity Act 1999 LGALocal Government Authority NPWSNational Parks & Wildlife Service NPW ActNational Parks & Wildlife Act 1974 TSC ActThreatened Species and Conservation Act, 1995 NW ActNoxious Weeds Act, 1993 SRZStructural Root Zone TPOTree Preservation Order TPZTree Protection Zone	

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Location Map

484 - 488 Bringelly Road, Austral





Source – Apple Maps Figure 1. Location Map

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Site Map

484 - 488 Bringelly Road, Austral

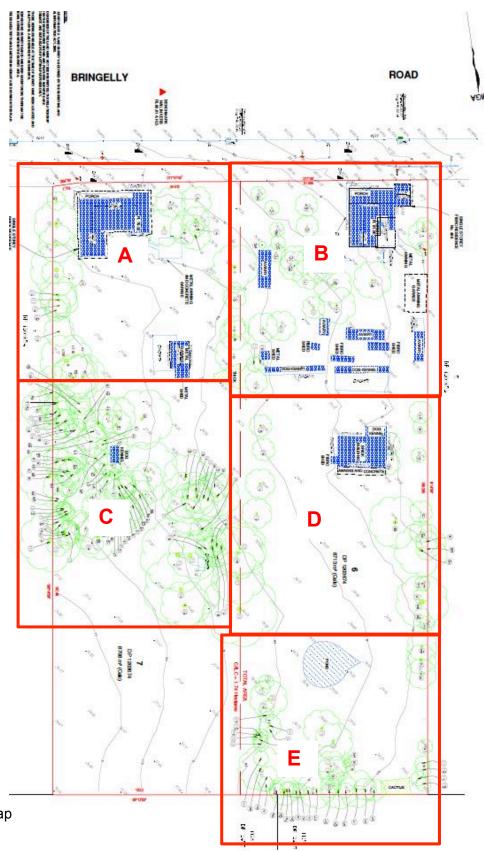


Figure 2. Site Map

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1 Introduction

1.1 Brief

Dreamscapes Architects has given instruction to inspect and assess the health and condition of the trees at 484 - 488 Bringelly Road, Austral, including any tree within 5m of the proposed works including trees on adjoining properties. To prepare an Arboricultural Impact Assessment on the proposed impacts of the development works on the subject trees.

1.2 Aims

- Undertake field surveys for tree health and condition.
- Conduct a literature review on the tree defects and symptoms.
- Search databases for relevant tree species information including Tree Preservation Orders.

1.3 Qualifications and Experience

This report has been based upon site observations and the assessment of the subject trees and conclusions have been reached from experience and follow up research. Qualification details are included in the appendix.

1.4 Documents Provided

The following information was supplied by Dreamscapes Architects.

- 7317 484-488 Bringelly Road Austral DETAIL A1 ISSUE B Page 1.pdf
- 7317 484-488 Bringelly Road Austral DETAIL A1 ISSUE B Page 2.pdf
- 17008-484-488 Bringelly Road, Austral DA 2017 05 08.....pdf

1.5 Scope

This report is only concerned with the health and condition of the subject trees and the potential impacts from the proposed development. Root mapping, invasive structural strength of the trees or soils assessments or aerial inspections were performed. This report has been prepared in accordance with Liverpool Council. It includes a detailed assessment based on the site visit and the documents provided.

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2 Methodology

2.1 Methods

The following relevant information was compiled for consideration of the proposed works. Details are located in the appendices.

- Tree Survey Form (Matheny & Clark, 1994) modified, which includes species identification, age, condition etc.
- *TreeAZ* (Barrell, 2016)
- Visual Tree Assessment (Mattheck & Breloer, 1994)

2.2 Information Collected

- Tree Species (botanical and common name)
- Trunk diameter measured at 1.4m, basal diameter, height, canopy
- Age, crown class & crown condition
- Canopy health and vigour (density, deadwood etc.)
- Tree condition (wounds etc.)
- Tree Protection Zone

2.3 Species Identification

Tree identification was determined by visible features only and compared with text listed in "References' only. Every effort was made to correctly identify the assessed trees where time permitted.

2.4 Tree Measurements

In accordance with AS 4970-2009 tree trunk diameters were measured with a diameter tape at 1.4m high to formulate Tree Protection Zones (TPZ). Tree heights are measured with a clinometer and canopy spreads estimated accordingly.

2.5 Photography

A Nikon D5200 SLR camera was used. In low light levels photographs maybe altered to improve visual quality. This involves adjustments to exposure, contrast, reduction of shadows and increased sharpness. No adjustments to vibrancy that alter colour were performed.

2.6 Tree Management Policy

This report relies on the information contained within Liverpool City Council *Tree Management Policy* (2016). This report also includes all trees on adjoining properties that are likely to be impacted by the proposed development regardless of the definition contained in the TMP.

Definition of a Tree

A tree is defined as any perennial plant that has a:

- a) Height greater than 3.5 metres; or
- b) Canopy spread greater than 4.0 metres; or
- c) Primary trunk diameter greater than 400 millimetres when measured 1.0 metre above existing ground level of the tree.

This clause does not apply to:

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a) A tree or other vegetation that Council is satisfied is dead dying or dangerous and is not required as the habitat of native fauna.

Note: Any dead trees that form a component of any species, populations or communities listed under the provisions of the Threatened Species Conservation Act (TSCA) 1995; or their habitats are not to be removed without gaining the necessary approvals under that Act;

b) Any plant that is on the noxious weeds register for the Liverpool LGA or is listed as an exempt species in Council's LDCP 2008.

2.7 Vegetation

Vegetation types have been determined by the following text:

- Native Vegetation of Southeast NSW: a revised classification and map for the coast and eastern tablelands (Tozer and others, 2010).
- Vegetation Penrith 9030. Edition 3. Native Vegetation Mapping Report Series 4, NSW Native Vegetation Mapping Program (NSW NECCW, 2009).

2.8 Legislation

The following were searched.

- Environment Protection and Biodiversity Conservation Act (1999)
- National Parks & Wildlife Act (1975)
- Noxious Weeds Act (1993)
- Threatened Species Conservation Act (1995)

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3 Site Visit and Observations

3.1 Field Visit

The unaccompanied site visit was conducted on 6th & 13th June 2017 taking approximately 12 hours. All observations were from ground level without detailed investigations. The weather at the time of the inspection was clear, still and dry with good visibility.

3.2 Brief Site Description

Bringelly Road is located in the residential suburb of Austral. Number 484 and 488 are on the northern side of the road surrounded by similar rural developments. The properties consist of houses that are set to the centre of the block with sheds and other small structures throughout.

3.3 Location of the Trees

The trees in question are located throughout the entire the site. The trees have been located on the supplied site plan and numbered accordingly. These plans are illustrative purposes only and should not be used directly for scaling measurements.

3.4 Collection of Data

From inspecting the trees information was collected on species, maturity, life expectancy, '*TreeAZ*' (Barrell 2016) and significant defects and other relevant facts, which are recorded in the tree schedule (appendix A). The inspection was of a preliminary nature and did not involve any climbing or detailed investigation beyond what was visible from accessible points at ground level.

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4 Vegetation

4.1 Onsite Vegetation

The site contains indigenous tree species. They are of varying ages and stages of maturity. The nearest remnant vegetation is within 100m north east and mapped as Cumberland River Flat Forest and Cumberland Shale Plains Woodland (DECCW, 2009). The subject dominant trees together with other indigenous trees in the surrounding residences are connected the remainder of the ecological communities nearby. Cumberland Shale Plains Woodland is listed as an Endangered Ecological Community on Part 3 of Schedule 1 of the *Threatened Species Conservation Act 1995*.

4.2 Threatened Species

The subject tree species are not listed in the NSW Threatened Species Conservation Act 1995.

4.3 Noxious Weeds and Undesirable Species

The subject tree species are listed in the NW Act 1993 or in councils' list of undesirable species.

- Trees no 12, 148, 196, 202, 204, 205, 206, 209, 216 & 221 *Ligustrum lucidium* (Large Leaf Privet)
- Tree no 175 Opuntia stricta (Prickly Pear)

4.4 Dead Trees

Seven (7) trees on site are dead and should be assessed by an ecologist for habitat capabilities.

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5 Results

The following tables do not include dead trees or trees not protected under councils Tree Management Policy. A complete tree schedule is located in appendix a.

5.1 TreeAZ Ratings Definitions

Local policy exemptions: Trees that are unsuitable for legal protection for local policy reasons including size, proximity and species

Deteriorating health/condition: Trees that are likely to be removed within 10 years because of deteriorating health and/or structural condition

- 3 Health: Deteriorating health with little realistic prospect of recovery
 Crown instability: Deteriorating structural conditions where an increasing risk of failure can
- **4** be temporarily addressed by reasonable intervention, e.g. storm damage, cavities, decay, included bark, wounds, excessive imbalance, etc
- **Root Instability:** Deteriorating whole tree stability through poor anchorage, increased exposure to weather etc.

Good management: Trees that are likely to be removed within 10 years through responsible management of the tree population

No future potential: Poor condition or location with no realistic potential for recovery or

8 improvement, e.g. dominated by adjacent trees or buildings, poor architectural framework, etc

5.1.1 'TreeAZ' Ratings

					Tree	eAZ		
		Α	Z1	Z3	Z4	Z 5	Z8	Total
	<5yrs	0	1	14	1	0	0	16
	5-15yrs	7	8	24	7	0	1	47
Life Expectancy	15-40yrs	70	5	4	19	2	5	105
Expectancy	40+yrs	11	1	1	0	0	0	13
	Total	88	14	43	27	2	6	180

Table 1. Life Expectancies and 'TreeAZ' Ratings

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5.2 Tree Species and Age - On Site

The following table does not include dead trees or trees not protected under councils' Tree Management Policy.

	Young	Semi mature	Mature	Total
Indigeno	us			
Acacia decurrens (Black Wattle)	0	1	0	1
Casuarina glauca (Swamp Oak)	41	15	14	70
Eucalyptus longifolia (Woollybutt)	0	0	1	1
Eucalyptus moluccana (Grey Box)	22	5	9	36
Eucalyptus tereticornis (Forest Red Gum)	11	9	5	25
Melaleuca sp (Paperbark)	1	2	2	5
Melaleuca styphelioides (Prickly Paperbark)	0	0	1	1
Native				
Araucaria heterophylla (Norfolk Island Pine)	1	0	0	1
Callistemon species (Bottlebrush)	9	1	1	11
Leptospermum petersonii (Lemon Scented Tea Tree)	0	0	2	2
Macadamia integrifolia (Macadamia Nut)	0	0	1	1
Melaleuca bracteata (Revolution Green)	1	0	4	5
Melia azedarach (White Cedar)	0	0	1	1
Exotic				
Ficus carica (Common Fig)	1	0	0	1
Jacaranda mimosifolia (Jacaranda)	5	0	0	5
Juniperus chinensis (Chinese Juniper)	0	0	1	1
Lagerstroemia indica (Crepe Myrtle)	0	0	2	2
Malus sp (Apple)	0	0	2	2
Morus sp (Mulberry)	0	0	1	1
Photinia robusta (Photinia)	0	0	1	1
Pinus radiata (Monterey Pine)	0	0	2	2
Pyrus sp (Pear)	0	0	1	1
				180

Table 2. Tree Species and Age - On Site

5.3 Trees Located on Adjoining Properties

Tree number	Species	Tree AZ	Tree Protection Zone	TPZ Encr
90	Casuarina glauca (Swamp Oak)	Z4	8.4m	20%
91	Eucalyptus moluccana (Grey Box)	Z3	8.4m	31%
222	Eucalyptus moluccana (Grey Box)	Z3	8.4m	31%

Table 3. Trees Located on Adjoining Properties

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6 Discussion

6.1 Indigenous Tree Species

6.1.1 Two hundred and thirty trees (230) were assessed with one hundred and eighty (180) trees are protected under councils Tree Management Policy. One hundred and thirty-six (136) or 77% are indigenous tree species.

- 6.1.2 Casuarina glauca (Swamp Oak) species make up 40% of all trees assessed that are protected under councils Tree Management Policy. Twenty-eight (28) trees are semi mature to mature in age and thirty-three (33) trees have life expectancies of 15-40+ years. This species is listed within Cumberland River Flat Forest (Tozer 2009).
- 6.1.3 Eucalyptus moluccana (Grey Box) species make up 20% of all trees assessed. Twenty-two (22) trees are young in age with ten (10) of these trees having life expectancies of 15-40+ years. The species is also considered locally dominant-frequent (Benson & Howell, 1998). This species is listed within both Cumberland River Flat Forest and Cumberland Shale Plains Woodland (Tozer 2009).
- 6.1.4 Eucalyptus tereticornis (Forest Red Gum) species make up 14% of all trees assessed. Fourteen (14) trees are semi mature to mature in age with eighteen (18) of these trees having life expectancies of 15-40+ years. The species is also considered locally dominant-frequent (Benson & Howell, 1998). This species is listed within both Cumberland River Flat Forest and Cumberland Shale Plains Woodland (Tozer 2009).
- 6.1.5 Other indigenous species assessed include *Acacia sp* (Wattle), *Eucalyptus longifolia* (Woollybutt), *Melaleuca sp* (Paperbark) make up nine (9) trees.

6.2 Native Tree Species

- 6.2.1 Twenty-one (21) trees are native tree species being various *Callistemon species* and *Melaleuca species*.
- 6.2.2 Fifteen (15) native trees are semi mature to mature in age with thirteen (13) trees have life expectancies of 15-40+ years.
- 6.2.3 Other indigenous species assessed include *Araucaria heterophylla* (Norfolk Island Pine), *Melia azedarach* (White Cedar) and *Leptospermum petersonii* (Lemon Scented Tea Tree) make up four (4) trees.

6.3 Exotic Tree Species

6.3.1 Twenty (20) trees are exotic tree species, dominated by *Malus sp* (Apple) and *Jacaranda mimosifolia* (Jacaranda) an additional seventeen (17) of trees are either listed as exempt species or small in size and not protected under councils TPO.

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6.4 Tree Health and Condition

6.4.1 **Tree Wounds:** Twenty one (21) trees have varying types of wounds, both on the trunk, within canopies and wounds from the pruning of large branches. Bark protects the cambial layer that transports food. Damage and exposure to this layer will disrupt the flow and cause the cells to die. Fungal and mirco-organism can infections can cause decay or canker formation.

- 6.4.2 **Included Bark**: Eleven (11) trees have severe signs of included unions either between codominant trunks scaffold branch union, primary or secondary branch junctions. The adaptive growth within the included bark branch union enables structural strength to meet the physical pressures applied to the branches. However tree no 193 the Codominant trunk union is failing and becoming separated.
- 6.4.3 **Epicormic Growth and Water Sprouts**: Many trees also have varying amounts of these shoots. These shoots are generated as a result of stress, failed branches or excessive pruning. They grow vigorously and are weakly attached while young and prone to failure. As the shoots mature the branch of origin will lay new wood over the union and strengthen the hold.
- 6.4.4 **Decline**: Thirty nine (39) trees are suffering from decline at a level that is likely to be irreversible. Signs of decline include thin canopy foliage, excessive deadwood and epicormic growth.

6.5 Trees Proposed for Removal

6.5.1 All one hundred and seventy seven (177) on site trees are located within the proposed development works and are proposed for removal.

6.6 Trees Located on Adjoining Properties

6.6.1 Three (3) trees located on the adjoining properties are unlikely to tolerate the proposed road works due to the level of encroachment into the TPZ being over 20%. However these trees are either in poor condition or severely damaged and are not worthy of long tern retention of any design changes allowing their retention.

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7 Conclusion & Recommendations

7.1 Indigenous Tree Species

7.1.1 Of the trees inspected 77% are indigenous species and are protected under councils Tree Management Policy. 45% of these trees are in adequate health and condition with 'TreeAZ' ratings of 'A', and 63% have life expectancies of between 15-40 years or more. These are dominated by Casuarina glauca (Swamp Oak), Eucalyptus moluccana (Grey Box) and Eucalyptus tereticornis (Forest Red Gum).

7.2 Native Tree Species

7.2.1 Native trees make up 12% of the protected trees inspected, dominated by Callistemon species and Melaleuca species. 62% of these trees are in adequate health and condition with 'TreeAZ' ratings of 'A', and have life expectancies of between 15-40 years or more.

7.3 Exotic Tree Species

7.3.1 Exotic trees make up 8% of the protected trees inspected, dominated by *Malus sp* (Apple) and *Jacaranda mimosifolia* (Jacaranda). 70% of these trees are in adequate health and condition with *'TreeAZ'* ratings of 'A', and 85% have life expectancies of between 15-40 years or more.

7.4 Trees Located on Adjoining Properties

7.4.1 Trees no. 90, 91 and 222 are located on the adjoining property and in poor health and condition. The proposed TPZ encroachments are over 20% and considered major in accordance with AS4970-2009. These trees are not worthy of long tern retention of any design changes allowing their retention.

Signed

mils

Meredith Gibbs. Dip. Hort. (Arb.) Australis Tree Management Australis Tree Management 18 / 59

Appendix A - Tree Schedule

Tree no.	1	2	3	4	5
Species	Callistemon viminalis (Weeping Bottlebrush)	Dead	Callistemon citrinus (Lemon- scented Bottlebrush)	Callistemon citrinus (Lemon- scented Bottlebrush)	Callistemon viminalis (Weeping Bottlebrush)
DBH	44cm		28cm	28cm	30cm
DGL	60cm		30cm	50cm	40cm
Height	6.0m		4.0m	4.0m	6.0m
Canopy	8.0m		6.0m	3.0m	6.0m
Age	Mature		Mature	Mature	Mature
Life Expect.	15-40yrs	Dead	15-40yrs	<5yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Native		Native	Native	Native
Crown Class	Dominant		Codominant	Codominant	Codominant
Crown Cond.	4 Good	0 Dead	3 Average/Low	2 Decline	3 Average/Low
Health & Cond.				DL	
TreeAZ	Α	Z	Α	Z3	Α
TPO Protected	Yes	No	Yes	Yes	Yes
TPZ	5.3m		3.4m	3.4m	3.6m
Tree no.	6	7	8	9	10
Species	Melaleuca bracteata (Revolution Green)	Syagrus romanzoffianum (Coco's Palm)	Callistemon citrinus (Lemon- scented Bottlebrush)	Casuarina glauca (Swamp Oak)	Melaleuca styphelioides (Prickly Paperbark)
DBH	25cm	40cm	28cm	60cm	100cm
DGL	20cm		50cm	80cm	100cm
Height	5.0m	5.0m	5.0m	14.0m	8.0m
Canopy	4.0m		6.0m	12.0m	10.0m
Age	Mature	Semi Mature	Mature	Mature	Mature
Life Expect.	15-40yrs	40+yrs	5-15yrs	15-40yrs	40+yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Native	Exotic	Native	Indigenous	Indigenous
Crown Class	Codominant	Dominant	Codominant	Codominant	Dominant
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low	4 Good
	0 / Welage/Low				
Health & Cond.	07Welage/Low			BI	
	A	Z1	A	BI A	A
Health & Cond.			A Yes		A Yes

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Tree no.	11	12	13	14	15
Species	Melia azedarach (White Cedar)	Ligustrum lucidium (Large Leaf Privet)	Jacaranda mimosifolia (Jacaranda)	Casuarina glauca (Swamp Oak)	Eucalyptus tereticornis (Forest Red Gum)
DBH	17cm	17cm	20cm	35cm	40cm
DGL	30cm	20cm	30cm	50cm	40cm
Height	4.0m		6.0m	12.0m	12.0m
Canopy	6.0m		4.0m	8.0m	8.0m
Age	Young	Mature	Young	Semi Mature	Young
Life Expect.	15-40yrs	15-40yrs	40+yrs	5-15yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Native	Noxious Weed - 4	Exotic	Indigenous	Indigenous
Crown Class	Dominant		Codominant	Codominant	Supressed
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	2 Decline	3 Average/Low
Health & Cond.				DL	
TreeAZ	Α	Z2	Α	Z3	A
TPO Protected	Yes	No	Yes	Yes	Yes
TDZ	0.0	0.0	0.4	4.0	4 0.00
TPZ	2.0m	2.0m	2.4m	4.2m	4.8m
Tree no.	16	2.0m	2.4m 18	4.2m	20
	-	-			
Tree no.	16 Eucalyptus tereticornis (Forest	17 Eucalyptus tereticornis (Forest Red	18 Eucalyptus tereticornis (Forest Red	19 Casuarina glauca	Eucalyptus tereticornis (Forest Red
Tree no. Species	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Casuarina glauca (Swamp Oak)	Eucalyptus tereticornis (Forest Red Gum)
Tree no. Species DBH	Eucalyptus tereticornis (Forest Red Gum) 45cm	Eucalyptus tereticornis (Forest Red Gum) 80cm	Eucalyptus tereticornis (Forest Red Gum) 30cm	Casuarina glauca (Swamp Oak)	Eucalyptus tereticornis (Forest Red Gum) 40cm
Tree no. Species DBH DGL	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm	Eucalyptus tereticornis (Forest Red Gum) 80cm	Eucalyptus tereticornis (Forest Red Gum) 30cm	Casuarina glauca (Swamp Oak) 10cm 20cm	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm
Tree no. Species DBH DGL Height	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm 12.0m	Eucalyptus tereticornis (Forest Red Gum) 80cm 80cm 16.0m	Eucalyptus tereticornis (Forest Red Gum) 30cm 30cm 7.0m	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m
Tree no. Species DBH DGL Height Canopy	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm 12.0m 8.0m	Eucalyptus tereticornis (Forest Red Gum) 80cm 80cm 16.0m 14.0m	Eucalyptus tereticornis (Forest Red Gum) 30cm 30cm 7.0m 4.0m	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m
Tree no. Species DBH DGL Height Canopy Age	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm 12.0m 8.0m Semi Mature	Eucalyptus tereticornis (Forest Red Gum) 80cm 80cm 16.0m 14.0m Mature	Eucalyptus tereticornis (Forest Red Gum) 30cm 30cm 7.0m 4.0m Young	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 10.0m Semi Mature
Tree no. Species DBH DGL Height Canopy Age Life Expect.	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm 12.0m 8.0m Semi Mature 15-40yrs	Eucalyptus tereticornis (Forest Red Gum) 80cm 80cm 16.0m 14.0m Mature 5-15yrs	Eucalyptus tereticornis (Forest Red Gum) 30cm 30cm 7.0m 4.0m Young 15-40yrs	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 10.0m Semi Mature 15-40yrs
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm 12.0m 8.0m Semi Mature 15-40yrs On Site	Eucalyptus tereticornis (Forest Red Gum) 80cm 80cm 16.0m 14.0m Mature 5-15yrs On Site	Eucalyptus tereticornis (Forest Red Gum) 30cm 30cm 7.0m 4.0m Young 15-40yrs On Site	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 10.0m Semi Mature 15-40yrs On Site
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location Type	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm 12.0m 8.0m Semi Mature 15-40yrs On Site Indigenous	Eucalyptus tereticornis (Forest Red Gum) 80cm 80cm 16.0m 14.0m Mature 5-15yrs On Site Indigenous	Eucalyptus tereticornis (Forest Red Gum) 30cm 30cm 7.0m 4.0m Young 15-40yrs On Site Indigenous	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 10.0m Semi Mature 15-40yrs On Site Indigenous
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm 12.0m 8.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Eucalyptus tereticornis (Forest Red Gum) 80cm 80cm 16.0m 14.0m Mature 5-15yrs On Site Indigenous Codominant	Eucalyptus tereticornis (Forest Red Gum) 30cm 30cm 7.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 10.0m Semi Mature 15-40yrs On Site Indigenous Codominant
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm 12.0m 8.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Eucalyptus tereticornis (Forest Red Gum) 80cm 80cm 16.0m 14.0m Mature 5-15yrs On Site Indigenous Codominant 3 Average/Low	Eucalyptus tereticornis (Forest Red Gum) 30cm 30cm 7.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 10.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Eucalyptus tereticornis (Forest Red Gum) 45cm 45cm 12.0m 8.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	Eucalyptus tereticornis (Forest Red Gum) 80cm 80cm 16.0m 14.0m Mature 5-15yrs On Site Indigenous Codominant 3 Average/Low TW's CK EP+	Eucalyptus tereticornis (Forest Red Gum) 30cm 30cm 7.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low DW	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 10.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low TW CK BI+

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Tree no.	21	22	23	24	25
Species	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)
DBH	30cm	50cm	56cm	40cm	70cm
DGL	40cm	65cm	60cm	45cm	80cm
Height	10.0m	20.0m	22.0m	14.0m	24.0m
Canopy	12.0m	10.0m	10.0m	10.0m	16.0m
Age	Young	Semi Mature	Semi Mature	Semi Mature	Mature
Life Expect.	5-15yrs	15-40yrs	5-15yrs	15-40yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Codominant	Dominant	Codominant	Dominant
Crown Cond.	2 Decline	3 Average/Low	1 Severe Decline	3 Average/Low	3 Average/Low
Health & Cond.	TW's	СК	TW+ DL	TW SI TFC	TW PF DW ScW CK
TreeAZ	Z4	Α	Z4	Z4	Z4
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	3.6m	6.0m	6.7m	4.8m	8.4m
Tree no.	26	27	28	29	30
Species	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)
DBH	45cm	35cm	60cm	47cm	50cm
DGL	55cm	40cm	80cm	55cm	50cm
Height	24.0m	8.0m	16.0m	13.0m	16.0m
Canopy	12.0m	6.0m	10.0m	5.0m	12.0m
Age	Mature	Young	Mature	Young	Semi Mature
Life Expect.	<5yrs	<5yrs	15-40yrs	5-15yrs	5-15yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Codominant	Codominant	Codominant	Dominant
Crown Cond.	2 Decline	2 Decline	3 Average/Low	2 Decline	2 Decline
Health & Cond.	DL	DL		EP DW DL	EP DW DL
TreeAZ	Z3	Z3	A	Z3	Z3
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	5.4m	4.2m	7.2m	5.6m	6.0m

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Tree no.	31	32	33	34	35
Species	Eucalyptus moluccana (Grey Box)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus moluccana (Grey Box)	Eucalyptus tereticornis (Forest Red Gum)
DBH	40cm	20cm	40cm	25cm	20cm
DGL	40cm	30cm	40cm	30cm	25cm
Height	9.0m	12.0m	13.0m	13.0m	4.0m
Canopy	10.0m	12.0m	8.0m	6.0m	4.0m
Age	Young	Young	Semi Mature	Young	Young
Life Expect.	5-15yrs	15-40yrs	15-40yrs	<5yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Codominant	Codominant	Codominant	Codominant
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	2 Decline	3 Average/Low
Health & Cond.	LN	LN PrF	TW	DL	PF
TreeAZ	Z4	Z4	Z4	Z3	Z4
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	4.8m	2.4m	4.8m	3.0m	2.4m
Tree no.	36	37	38	39	40
Tree no. Species	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus moluccana (Grey Box)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)
	Eucalyptus tereticornis (Forest	Eucalyptus tereticornis (Forest Red	Eucalyptus moluccana (Grey	Eucalyptus tereticornis (Forest	Eucalyptus tereticornis (Forest Red
Species	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus moluccana (Grey Box)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)
Species DBH	Eucalyptus tereticornis (Forest Red Gum) 30cm	Eucalyptus tereticornis (Forest Red Gum) 25cm	Eucalyptus moluccana (Grey Box) 25cm	Eucalyptus tereticornis (Forest Red Gum) 25cm	Eucalyptus tereticornis (Forest Red Gum) 45cm
Species DBH DGL	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm	Eucalyptus tereticornis (Forest Red Gum) 25cm	Eucalyptus moluccana (Grey Box) 25cm 35cm	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm
Species DBH DGL Height	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm 8.0m	Eucalyptus tereticornis (Forest Red Gum) 25cm 35cm 12.0m	Eucalyptus moluccana (Grey Box) 25cm 35cm 12.0m	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm 9.0m	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm
Species DBH DGL Height Canopy	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm 8.0m 6.0m	Eucalyptus tereticornis (Forest Red Gum) 25cm 35cm 12.0m	Eucalyptus moluccana (Grey Box) 25cm 35cm 12.0m 6.0m	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm 9.0m 6.0m	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm 14.0m
Species DBH DGL Height Canopy Age	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm 8.0m 6.0m Young	Eucalyptus tereticornis (Forest Red Gum) 25cm 35cm 12.0m 6.0m Young	Eucalyptus moluccana (Grey Box) 25cm 35cm 12.0m 6.0m Young	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm 9.0m 6.0m Young	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm 14.0m 8.0m Semi Mature
Species DBH DGL Height Canopy Age Life Expect.	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm 8.0m 6.0m Young <5yrs	Eucalyptus tereticornis (Forest Red Gum) 25cm 35cm 12.0m 6.0m Young	Eucalyptus moluccana (Grey Box) 25cm 35cm 12.0m 6.0m Young 15-40yrs	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm 9.0m 6.0m Young 15-40yrs	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm 14.0m 8.0m Semi Mature 15-40yrs
Species DBH DGL Height Canopy Age Life Expect. Location	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm 8.0m 6.0m Young <5yrs On Site	Eucalyptus tereticornis (Forest Red Gum) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site	Eucalyptus moluccana (Grey Box) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm 9.0m 6.0m Young 15-40yrs On Site	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm 14.0m 8.0m Semi Mature 15-40yrs On Site
Species DBH DGL Height Canopy Age Life Expect. Location Type	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm 8.0m 6.0m Young <5yrs On Site Indigenous	Eucalyptus tereticornis (Forest Red Gum) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site Indigenous	Eucalyptus moluccana (Grey Box) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site Indigenous	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm 9.0m 6.0m Young 15-40yrs On Site Indigenous	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm 14.0m 8.0m Semi Mature 15-40yrs On Site Indigenous
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm 8.0m 6.0m Young <5yrs On Site Indigenous Codominant	Eucalyptus tereticornis (Forest Red Gum) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site Indigenous Codominant	Eucalyptus moluccana (Grey Box) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site Indigenous Codominant	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm 9.0m 6.0m Young 15-40yrs On Site Indigenous Codominant	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm 14.0m 8.0m Semi Mature 15-40yrs On Site Indigenous Dominant
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm 8.0m 6.0m Young <5yrs On Site Indigenous Codominant 1 Severe Decline	Eucalyptus tereticornis (Forest Red Gum) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Eucalyptus moluccana (Grey Box) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site Indigenous Codominant	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm 9.0m 6.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm 14.0m 8.0m Semi Mature 15-40yrs On Site Indigenous Dominant 3 Average/Low
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Eucalyptus tereticornis (Forest Red Gum) 30cm 40cm 8.0m 6.0m Young <5yrs On Site Indigenous Codominant 1 Severe Decline DL	Eucalyptus tereticornis (Forest Red Gum) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low TW's TFC	Eucalyptus moluccana (Grey Box) 25cm 35cm 12.0m 6.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Eucalyptus tereticornis (Forest Red Gum) 25cm 25cm 9.0m 6.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low TW's PrF	Eucalyptus tereticornis (Forest Red Gum) 45cm 50cm 14.0m 8.0m Semi Mature 15-40yrs On Site Indigenous Dominant 3 Average/Low TW's

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Tree no.	41	42	43	44	45
Species	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)
DBH	25cm	20cm	30cm	25cm	20cm
DGL	30cm	30cm	45cm	30cm	40cm
Height	9.0m	9.0m	13.0m	8.0m	10.0m
Canopy	5.0m	3.0m	7.0m	6.0m	4.0m
Age	Young	Young	Young	Young	Young
Life Expect.	15-40yrs	15-40yrs	5-15yrs	5-15yrs	5-15yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Dominant	Codominant	Codominant	Codominant	Codominant
Crown Cond.	3 Average/Low	3 Average/Low	2 Decline	1 Severe Decline	2 Decline
Health & Cond.	TW's		DL	DL	DL
TreeAZ	Z4	Α	Z3	Z3	Z3
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	3.0m	2.4m	3.6m	3.0m	2.4m
Tree no.	46	47	48	49	50
•	Eucalyptus	Dood	Eucalyptus moluccana (Grey	Eucalyptus moluccana (Grey	Eucalyptus moluccana
Species	moluccana (Grey Box)	Dead	Box)	Box)	(Grey Box)
DBH	` •	Dead	, ,	, ,	
•	Box)	Dead	Box)	Box)	(Grey Box)
DBH	Box) 17cm	Dead	Box) 20cm	Box) 17cm	(Grey Box) 30cm
DBH DGL	Box) 17cm 20cm	Dead	Box) 20cm 25cm	Box) 17cm 20cm	(Grey Box) 30cm 30cm
DBH DGL Height	Box) 17cm 20cm 5.0m	Dead	Box) 20cm 25cm 13.0m	Box) 17cm 20cm 4.0m	(Grey Box) 30cm 30cm 12.0m
DBH DGL Height Canopy	Box) 17cm 20cm 5.0m 1.0m	Dead	Box) 20cm 25cm 13.0m 4.0m	Box) 17cm 20cm 4.0m 1.0m	(Grey Box) 30cm 30cm 12.0m 6.0m
DBH DGL Height Canopy Age	Box) 17cm 20cm 5.0m 1.0m Young		Box) 20cm 25cm 13.0m 4.0m Young	Box) 17cm 20cm 4.0m 1.0m Young	(Grey Box) 30cm 30cm 12.0m 6.0m Young
DBH DGL Height Canopy Age Life Expect.	Box) 17cm 20cm 5.0m 1.0m Young 15-40yrs	Dead	Box) 20cm 25cm 13.0m 4.0m Young 15-40yrs	Box) 17cm 20cm 4.0m 1.0m Young <5yrs	(Grey Box) 30cm 30cm 12.0m 6.0m Young 5-15yrs
DBH DGL Height Canopy Age Life Expect. Location	Box) 17cm 20cm 5.0m 1.0m Young 15-40yrs On Site	Dead	Box) 20cm 25cm 13.0m 4.0m Young 15-40yrs On Site	Box) 17cm 20cm 4.0m 1.0m Young <5yrs On Site	(Grey Box) 30cm 30cm 12.0m 6.0m Young 5-15yrs On Site
DBH DGL Height Canopy Age Life Expect. Location Type	Box) 17cm 20cm 5.0m 1.0m Young 15-40yrs On Site Indigenous	Dead	Box) 20cm 25cm 13.0m 4.0m Young 15-40yrs On Site Indigenous	Box) 17cm 20cm 4.0m 1.0m Young <5yrs On Site Indigenous	(Grey Box) 30cm 30cm 12.0m 6.0m Young 5-15yrs On Site Indigenous
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Box) 17cm 20cm 5.0m 1.0m Young 15-40yrs On Site Indigenous Codominant	Dead On Site	Box) 20cm 25cm 13.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	Box) 17cm 20cm 4.0m 1.0m Young <5yrs On Site Indigenous Codominant	(Grey Box) 30cm 30cm 12.0m 6.0m Young 5-15yrs On Site Indigenous Codominant
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Box) 17cm 20cm 5.0m 1.0m Young 15-40yrs On Site Indigenous Codominant	Dead On Site	Box) 20cm 25cm 13.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	Box) 17cm 20cm 4.0m 1.0m Young <5yrs On Site Indigenous Codominant 2 Decline	(Grey Box) 30cm 30cm 12.0m 6.0m Young 5-15yrs On Site Indigenous Codominant 2 Decline
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Box) 17cm 20cm 5.0m 1.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Dead On Site 0 Dead	Box) 20cm 25cm 13.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Box) 17cm 20cm 4.0m 1.0m Young <5yrs On Site Indigenous Codominant 2 Decline DL	(Grey Box) 30cm 30cm 12.0m 6.0m Young 5-15yrs On Site Indigenous Codominant 2 Decline DL

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Tree no.	51	52	53	54	55
Species	Eucalyptus moluccana (Grey Box)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus moluccana (Grey Box)	Dead
DBH	40cm	45cm	60cm	17cm	
DGL	40cm	45cm	65cm	20cm	
Height	16.0m	8.0m	22.0m	5.0m	
Canopy	8.0m	5.0m	14.0m	4.0m	
Age	Semi Mature	Young	Mature	Young	
Life Expect.	15-40yrs	<5yrs	5-15yrs	15-40yrs	Dead
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	
Crown Class	Codominant	Codominant	Codominant	Codominant	
Crown Cond.	3 Average/Low	1 Severe Decline	3 Average/Low	3 Average/Low	0 Dead
Health & Cond.		PF+	DL DW TW CK		
TreeAZ	Α	Z4	Z4	Α	Z
TPO Protected	Yes	Yes	Yes	Yes	No
TDZ	4.0	F 4:00	7.0	2.0m	
TPZ	4.8m	5.4m	7.2m	2.0111	
TPZ Tree no.	56	57	58	59	60
	-			-	Eucalyptus moluccana (Grey Box)
Tree no.	56 Eucalyptus tereticornis (Forest	57 Eucalyptus moluccana	58 Casuarina glauca (Swamp	59 Casuarina glauca	Eucalyptus moluccana
Tree no. Species	56 Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus moluccana (Grey Box)	58 Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Eucalyptus moluccana (Grey Box)
Tree no. Species DBH	Eucalyptus tereticornis (Forest Red Gum) 40cm	Eucalyptus moluccana (Grey Box)	58 Casuarina glauca (Swamp Oak) 17cm	Casuarina glauca (Swamp Oak)	Eucalyptus moluccana (Grey Box) 60cm
Tree no. Species DBH DGL	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm	Eucalyptus moluccana (Grey Box) 17cm 20cm	58 Casuarina glauca (Swamp Oak) 17cm 20cm	Casuarina glauca (Swamp Oak) 30cm 40cm	Eucalyptus moluccana (Grey Box) 60cm 70cm
Tree no. Species DBH DGL Height	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m	58 Casuarina glauca (Swamp Oak) 17cm 20cm 6.0m	Casuarina glauca (Swamp Oak) 30cm 40cm 8.0m	Eucalyptus moluccana (Grey Box) 60cm 70cm
Tree no. Species DBH DGL Height Canopy	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 7.0m	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 4.0m	Casuarina glauca (Swamp Oak) 17cm 20cm 6.0m 3.0m	Casuarina glauca (Swamp Oak) 30cm 40cm 8.0m 6.0m	Eucalyptus moluccana (Grey Box) 60cm 70cm 15.0m
Tree no. Species DBH DGL Height Canopy Age	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 7.0m Semi Mature	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 4.0m Young	Casuarina glauca (Swamp Oak) 17cm 20cm 6.0m 3.0m Young	Casuarina glauca (Swamp Oak) 30cm 40cm 8.0m 6.0m Semi Mature	Eucalyptus moluccana (Grey Box) 60cm 70cm 15.0m 10.0m Mature
Tree no. Species DBH DGL Height Canopy Age Life Expect.	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 7.0m Semi Mature 15-40yrs	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 4.0m Young <5yrs	Casuarina glauca (Swamp Oak) 17cm 20cm 6.0m 3.0m Young 5-15yrs	Casuarina glauca (Swamp Oak) 30cm 40cm 8.0m 6.0m Semi Mature <5yrs	Eucalyptus moluccana (Grey Box) 60cm 70cm 15.0m 10.0m Mature 5-15yrs
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 7.0m Semi Mature 15-40yrs On Site	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 4.0m Young <5yrs On Site	Casuarina glauca (Swamp Oak) 17cm 20cm 6.0m 3.0m Young 5-15yrs On Site	Casuarina glauca (Swamp Oak) 30cm 40cm 8.0m 6.0m Semi Mature <5yrs On Site	Eucalyptus moluccana (Grey Box) 60cm 70cm 15.0m 10.0m Mature 5-15yrs On Site
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location Type	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 7.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 4.0m Young <5yrs On Site Indigenous	58 Casuarina glauca (Swamp Oak) 17cm 20cm 6.0m 3.0m Young 5-15yrs On Site Indigenous	Casuarina glauca (Swamp Oak) 30cm 40cm 8.0m 6.0m Semi Mature <5yrs On Site Indigenous	Eucalyptus moluccana (Grey Box) 60cm 70cm 15.0m 10.0m Mature 5-15yrs On Site Indigenous
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 7.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 4.0m Young <5yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 17cm 20cm 6.0m 3.0m Young 5-15yrs On Site Indigenous Dominant	Casuarina glauca (Swamp Oak) 30cm 40cm 8.0m 6.0m Semi Mature <5yrs On Site Indigenous Codominant	Eucalyptus moluccana (Grey Box) 60cm 70cm 15.0m 10.0m Mature 5-15yrs On Site Indigenous Codominant 1 Severe
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond. TreeAZ	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 7.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 4.0m Young <5yrs On Site Indigenous Codominant 2 Decline	Casuarina glauca (Swamp Oak) 17cm 20cm 6.0m 3.0m Young 5-15yrs On Site Indigenous Dominant 2 Decline	Casuarina glauca (Swamp Oak) 30cm 40cm 8.0m 6.0m Semi Mature <5yrs On Site Indigenous Codominant 1 Severe Decline	Eucalyptus moluccana (Grey Box) 60cm 70cm 15.0m 10.0m Mature 5-15yrs On Site Indigenous Codominant 1 Severe Decline
Tree no. Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Eucalyptus tereticornis (Forest Red Gum) 40cm 50cm 13.0m 7.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low TW TFC CK	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 4.0m Young <5yrs On Site Indigenous Codominant 2 Decline DL	Casuarina glauca (Swamp Oak) 17cm 20cm 6.0m 3.0m Young 5-15yrs On Site Indigenous Dominant 2 Decline DL	Casuarina glauca (Swamp Oak) 30cm 40cm 8.0m 6.0m Semi Mature <5yrs On Site Indigenous Codominant 1 Severe Decline DL	Eucalyptus moluccana (Grey Box) 60cm 70cm 15.0m 10.0m Mature 5-15yrs On Site Indigenous Codominant 1 Severe Decline DL SI

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Tree no.	61	62	63	64	65
Species	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
DBH	20cm	17cm	17cm	17cm	17cm
DGL	20cm	20cm	20cm	20cm	20cm
Height	7.0m	7.0m	6.0m	5.0m	5.0m
Canopy	5.0m	3.0m	3.0m	2.0m	2.0m
Age	Semi Mature	Young	Young	Young	Young
Life Expect.	15-40yrs	5-15yrs	5-15yrs	5-15yrs	5-15yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Dominant	Dominant	Dominant	Dominant
Crown Cond.	3 Average/Low	3 Average/Low	2 Decline	2 Decline	2 Decline
Health & Cond.			DL DW	DL DW	DL DW
TreeAZ	A	Α	Z3	Z3	Z3
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	2.4m	2.0m	2.0m	2.0m	2.0m
Tree no.	66	67	68	69	70
Species	Casuarina glauca	Casuarina glauca (Swamp	Dead	Casuarina glauca	Casuarina glauca
Фроспос	(Swamp Oak)	Oak)	Dead	(Swamp Oak)	(Swamp Oak)
DBH	(Swamp Oak) 17cm	, , ,	Deau	(Swamp Oak)	
•		Oak)	Deau	1	(Swamp Oak)
DBH	17cm	Oak) 17cm	Dead	17cm	(Swamp Oak) 17cm
DBH DGL	17cm 20cm	Oak) 17cm 20cm	Dead	17cm 20cm	(Swamp Oak) 17cm 20cm
DBH DGL Height	17cm 20cm 6.0m	Oak) 17cm 20cm 6.0m	Dead	17cm 20cm 6.0m	(Swamp Oak) 17cm 20cm 4.0m
DBH DGL Height Canopy	17cm 20cm 6.0m 4.0m	Oak) 17cm 20cm 6.0m 4.0m	Dead	17cm 20cm 6.0m 4.0m	(Swamp Oak) 17cm 20cm 4.0m 2.0m
DBH DGL Height Canopy Age	17cm 20cm 6.0m 4.0m Young	Oak) 17cm 20cm 6.0m 4.0m Young		17cm 20cm 6.0m 4.0m Young	(Swamp Oak) 17cm 20cm 4.0m 2.0m Young
DBH DGL Height Canopy Age Life Expect.	17cm 20cm 6.0m 4.0m Young 15-40yrs	Oak) 17cm 20cm 6.0m 4.0m Young 15-40yrs	Dead	17cm 20cm 6.0m 4.0m Young 15-40yrs	(Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs
DBH DGL Height Canopy Age Life Expect. Location	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site	Oak) 17cm 20cm 6.0m 4.0m Young 15-40yrs On Site	Dead	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site	(Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site
DBH DGL Height Canopy Age Life Expect. Location Type	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous	Oak) 17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous	Dead	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous	(Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site Indigenous
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	Oak) 17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	Dead On Site	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	(Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site Indigenous Codominant
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Oak) 17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Dead On Site	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	(Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site Indigenous Codominant
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low TW	Oak) 17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low TW	Dead On Site 0 Dead	17cm 20cm 6.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low TW	(Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low

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Tree no.	71	72	73	74	75
Species	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
DBH	17cm	17cm	17cm	17cm	20cm
DGL	20cm	20cm	20cm	20cm	23cm
Height	7.0m	7.0m	4.0m	5.0m	8.0m
Canopy	3.0m	3.0m	2.0m	2.0m	3.0m
Age	Young	Young	Young	Young	Young
Life Expect.	15-40yrs	15-40yrs	15-40yrs	<5yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Codominant	Codominant	Codominant	Codominant
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	2 Decline	3 Average/Low
Health & Cond.				DL	
TreeAZ	Α	А	Α	Z3	А
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	2.0m	2.0m	2.0m	2.0m	2.4m
Tree no.	76	77	78	79	80
					1
Species	Melaleuca sp (Paperbark)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Eucalyptus moluccana (Grey Box)	Eucalyptus tereticornis (Forest Red Gum)
Species DBH	· ·	glauca (Swamp	glauca (Swamp	moluccana (Grey	tereticornis (Forest Red
-	(Paperbark)	glauca (Swamp Oak)	glauca (Swamp Oak)	moluccana (Grey Box)	tereticornis (Forest Red Gum)
DBH	(Paperbark) 43cm	glauca (Swamp Oak) 17cm	glauca (Swamp Oak) 20cm	moluccana (Grey Box) 60cm	tereticornis (Forest Red Gum) 50cm
DBH DGL	(Paperbark) 43cm 70cm	glauca (Swamp Oak) 17cm 20cm	glauca (Swamp Oak) 20cm 25cm	moluccana (Grey Box) 60cm 65cm	tereticornis (Forest Red Gum) 50cm
DBH DGL Height	(Paperbark) 43cm 70cm 8.0m	glauca (Swamp Oak) 17cm 20cm 4.0m	glauca (Swamp Oak) 20cm 25cm 7.0m	moluccana (Grey Box) 60cm 65cm 24.0m	tereticornis (Forest Red Gum) 50cm 55cm 11.0m
DBH DGL Height Canopy	(Paperbark) 43cm 70cm 8.0m 6.0m	glauca (Swamp Oak) 17cm 20cm 4.0m 2.0m	glauca (Swamp Oak) 20cm 25cm 7.0m 4.0m	moluccana (Grey Box) 60cm 65cm 24.0m	tereticornis (Forest Red Gum) 50cm 55cm 11.0m
DBH DGL Height Canopy Age	(Paperbark) 43cm 70cm 8.0m 6.0m Mature	glauca (Swamp Oak) 17cm 20cm 4.0m 2.0m Young	glauca (Swamp Oak) 20cm 25cm 7.0m 4.0m Young	moluccana (Grey Box) 60cm 65cm 24.0m 12.0m Mature	tereticornis (Forest Red Gum) 50cm 55cm 11.0m 14.0m Semi Mature
DBH DGL Height Canopy Age Life Expect.	(Paperbark) 43cm 70cm 8.0m 6.0m Mature 15-40yrs	glauca (Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs	glauca (Swamp Oak) 20cm 25cm 7.0m 4.0m Young 15-40yrs	moluccana (Grey Box) 60cm 65cm 24.0m 12.0m Mature 5-15yrs	tereticornis (Forest Red Gum) 50cm 55cm 11.0m 14.0m Semi Mature 15-40yrs
DBH DGL Height Canopy Age Life Expect. Location	(Paperbark) 43cm 70cm 8.0m 6.0m Mature 15-40yrs On Site	glauca (Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site	glauca (Swamp Oak) 20cm 25cm 7.0m 4.0m Young 15-40yrs On Site	moluccana (Grey Box) 60cm 65cm 24.0m 12.0m Mature 5-15yrs On Site	tereticornis (Forest Red Gum) 50cm 55cm 11.0m 14.0m Semi Mature 15-40yrs On Site
DBH DGL Height Canopy Age Life Expect. Location Type	(Paperbark) 43cm 70cm 8.0m 6.0m Mature 15-40yrs On Site Indigenous	glauca (Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site Indigenous	glauca (Swamp Oak) 20cm 25cm 7.0m 4.0m Young 15-40yrs On Site Indigenous	moluccana (Grey Box) 60cm 65cm 24.0m 12.0m Mature 5-15yrs On Site Indigenous	tereticornis (Forest Red Gum) 50cm 55cm 11.0m 14.0m Semi Mature 15-40yrs On Site Indigenous
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	(Paperbark) 43cm 70cm 8.0m 6.0m Mature 15-40yrs On Site Indigenous Codominant	glauca (Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site Indigenous Codominant	glauca (Swamp Oak) 20cm 25cm 7.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	moluccana (Grey Box) 60cm 65cm 24.0m 12.0m Mature 5-15yrs On Site Indigenous Codominant	tereticornis (Forest Red Gum) 50cm 55cm 11.0m 14.0m Semi Mature 15-40yrs On Site Indigenous Codominant
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	(Paperbark) 43cm 70cm 8.0m 6.0m Mature 15-40yrs On Site Indigenous Codominant	glauca (Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	glauca (Swamp Oak) 20cm 25cm 7.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	moluccana (Grey Box) 60cm 65cm 24.0m 12.0m Mature 5-15yrs On Site Indigenous Codominant 1 Severe Decline	tereticornis (Forest Red Gum) 50cm 55cm 11.0m 14.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	(Paperbark) 43cm 70cm 8.0m 6.0m Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	glauca (Swamp Oak) 17cm 20cm 4.0m 2.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low DL	glauca (Swamp Oak) 20cm 25cm 7.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	moluccana (Grey Box) 60cm 65cm 24.0m 12.0m Mature 5-15yrs On Site Indigenous Codominant 1 Severe Decline DL	tereticornis (Forest Red Gum) 50cm 55cm 11.0m 14.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low TW LN

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Tree no.	81	82	83	84	85
Species	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)
DBH	20cm	20cm	36cm	40cm	10cm
DGL	25cm	25cm	50cm	50cm	20cm
Height	12.0m	13.0m	16.0m	14.0m	7.0m
Canopy	5.0m	6.0m	6.0m	8.0m	4.0m
Age	Young	Young	Young	Semi Mature	Young
Life Expect.	<5yrs	5-15yrs	5-15yrs	<5yrs	5-15yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Dominant	Dominant	Codominant	Dominant
Crown Cond.	2 Decline	2 Decline	1 Severe Decline	2 Decline	2 Decline
Health & Cond.	DL	DL	DL	EP DW DL	DL
TreeAZ	Z3	Z3	Z3	Z3	Z3
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	2.4m	2.4m	4.3m	4.8m	1.2m
İ					
Tree no.	86	87	88	89	90
Tree no. Species	86 Casuarina glauca (Swamp Oak)	87 Eucalyptus moluccana (Grey Box)	88 Eucalyptus moluccana (Grey Box)	89 Eucalyptus moluccana (Grey Box)	90 Casuarina glauca (Swamp Oak)
	Casuarina glauca	Eucalyptus moluccana	Eucalyptus moluccana (Grey	Eucalyptus moluccana (Grey	Casuarina glauca
Species	Casuarina glauca (Swamp Oak)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Casuarina glauca (Swamp Oak)
Species DBH	Casuarina glauca (Swamp Oak) 20cm	Eucalyptus moluccana (Grey Box) 30cm	Eucalyptus moluccana (Grey Box) 17cm	Eucalyptus moluccana (Grey Box) 32cm	Casuarina glauca (Swamp Oak) 70cm
Species DBH DGL	Casuarina glauca (Swamp Oak) 20cm 30cm	Eucalyptus moluccana (Grey Box) 30cm 40cm	Eucalyptus moluccana (Grey Box) 17cm 20cm	Eucalyptus moluccana (Grey Box) 32cm 30cm	Casuarina glauca (Swamp Oak) 70cm 80cm
Species DBH DGL Height	Casuarina glauca (Swamp Oak) 20cm 30cm 8.0m	Eucalyptus moluccana (Grey Box) 30cm 40cm 17.0m	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m	Eucalyptus moluccana (Grey Box) 32cm 30cm 14.0m	Casuarina glauca (Swamp Oak) 70cm 80cm
Species DBH DGL Height Canopy	Casuarina glauca (Swamp Oak) 20cm 30cm 8.0m 6.0m	Eucalyptus moluccana (Grey Box) 30cm 40cm 17.0m	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m	Eucalyptus moluccana (Grey Box) 32cm 30cm 14.0m	Casuarina glauca (Swamp Oak) 70cm 80cm 15.0m
Species DBH DGL Height Canopy Age	Casuarina glauca (Swamp Oak) 20cm 30cm 8.0m 6.0m Semi Mature	Eucalyptus moluccana (Grey Box) 30cm 40cm 17.0m 7.0m Semi Mature	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 1.0m Young	Eucalyptus moluccana (Grey Box) 32cm 30cm 14.0m 6.0m Young	Casuarina glauca (Swamp Oak) 70cm 80cm 15.0m 12.0m Mature
Species DBH DGL Height Canopy Age Life Expect.	Casuarina glauca (Swamp Oak) 20cm 30cm 8.0m 6.0m Semi Mature 15-40yrs	Eucalyptus moluccana (Grey Box) 30cm 40cm 17.0m 7.0m Semi Mature 5-15yrs	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 1.0m Young 5-15yrs	Eucalyptus moluccana (Grey Box) 32cm 30cm 14.0m 6.0m Young 5-15yrs	Casuarina glauca (Swamp Oak) 70cm 80cm 15.0m 12.0m Mature 15-40yrs
Species DBH DGL Height Canopy Age Life Expect. Location	Casuarina glauca (Swamp Oak) 20cm 30cm 8.0m 6.0m Semi Mature 15-40yrs On Site	Eucalyptus moluccana (Grey Box) 30cm 40cm 17.0m 7.0m Semi Mature 5-15yrs On Site	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 1.0m Young 5-15yrs On Site	Eucalyptus moluccana (Grey Box) 32cm 30cm 14.0m 6.0m Young 5-15yrs On Site	Casuarina glauca (Swamp Oak) 70cm 80cm 15.0m 12.0m Mature 15-40yrs Adjoining
Species DBH DGL Height Canopy Age Life Expect. Location Type	Casuarina glauca (Swamp Oak) 20cm 30cm 8.0m 6.0m Semi Mature 15-40yrs On Site Indigenous	Eucalyptus moluccana (Grey Box) 30cm 40cm 17.0m 7.0m Semi Mature 5-15yrs On Site Indigenous	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 1.0m Young 5-15yrs On Site Indigenous	Eucalyptus moluccana (Grey Box) 32cm 30cm 14.0m 6.0m Young 5-15yrs On Site Indigenous	Casuarina glauca (Swamp Oak) 70cm 80cm 15.0m 12.0m Mature 15-40yrs Adjoining Indigenous
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Casuarina glauca (Swamp Oak) 20cm 30cm 8.0m 6.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Eucalyptus moluccana (Grey Box) 30cm 40cm 17.0m 7.0m Semi Mature 5-15yrs On Site Indigenous Codominant	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 1.0m Young 5-15yrs On Site Indigenous Codominant	Eucalyptus moluccana (Grey Box) 32cm 30cm 14.0m 6.0m Young 5-15yrs On Site Indigenous Dominant	Casuarina glauca (Swamp Oak) 70cm 80cm 15.0m 12.0m Mature 15-40yrs Adjoining Indigenous Dominant
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Casuarina glauca (Swamp Oak) 20cm 30cm 8.0m 6.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Eucalyptus moluccana (Grey Box) 30cm 40cm 17.0m 7.0m Semi Mature 5-15yrs On Site Indigenous Codominant 2 Decline	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 1.0m Young 5-15yrs On Site Indigenous Codominant 2 Decline	Eucalyptus moluccana (Grey Box) 32cm 30cm 14.0m 6.0m Young 5-15yrs On Site Indigenous Dominant 1 Severe Decline	Casuarina glauca (Swamp Oak) 70cm 80cm 15.0m 12.0m Mature 15-40yrs Adjoining Indigenous Dominant 3 Average/Low
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Casuarina glauca (Swamp Oak) 20cm 30cm 8.0m 6.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	Eucalyptus moluccana (Grey Box) 30cm 40cm 17.0m 7.0m Semi Mature 5-15yrs On Site Indigenous Codominant 2 Decline DL DW SI	Eucalyptus moluccana (Grey Box) 17cm 20cm 5.0m 1.0m Young 5-15yrs On Site Indigenous Codominant 2 Decline DL	Eucalyptus moluccana (Grey Box) 32cm 30cm 14.0m 6.0m Young 5-15yrs On Site Indigenous Dominant 1 Severe Decline DL	Casuarina glauca (Swamp Oak) 70cm 80cm 15.0m 12.0m Mature 15-40yrs Adjoining Indigenous Dominant 3 Average/Low PF+

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Tree no.	91	92	93	94	95
Species	Eucalyptus moluccana (Grey Box)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
DBH	70cm	60cm	45cm	65cm	41cm
DGL	70cm	65cm	55cm	75cm	50cm
Height	16.0m	13.0m	12.0m	13.0m	13.0m
Canopy	12.0m	8.0m	6.0m	8.0m	4.0m
Age	Mature	Mature	Mature	Mature	Mature
Life Expect.	5-15yrs	15-40yrs	15-40yrs	15-40yrs	15-40yrs
Location	Adjoining	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Codominant	Codominant	Codominant	Codominant
Crown Cond.	1 Severe Decline	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low
Health & Cond.	DL DW	Buttress removed x 2			
TreeAZ	Z3	Z5	Α	Α	Α
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	8.4m	7.2m	5.4m	7.8m	4.9m
Tree no.	96	97	98	99	100
Species	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
	Casuarina glauca	Casuarina glauca (Swamp	Casuarina glauca (Swamp	Casuarina glauca	Casuarina glauca
Species	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
Species DBH	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak) 25cm	Casuarina glauca (Swamp Oak) 17cm	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak) 30cm
Species DBH DGL	Casuarina glauca (Swamp Oak) 17cm 20cm	Casuarina glauca (Swamp Oak) 25cm 40cm	Casuarina glauca (Swamp Oak) 17cm 20cm	Casuarina glauca (Swamp Oak) 30cm 45cm	Casuarina glauca (Swamp Oak) 30cm 40cm
Species DBH DGL Height	Casuarina glauca (Swamp Oak) 17cm 20cm 4.0m	Casuarina glauca (Swamp Oak) 25cm 40cm 13.0m	Casuarina glauca (Swamp Oak) 17cm 20cm 8.0m	Casuarina glauca (Swamp Oak) 30cm 45cm 11.0m	Casuarina glauca (Swamp Oak) 30cm 40cm 12.0m
Species DBH DGL Height Canopy	Casuarina glauca (Swamp Oak) 17cm 20cm 4.0m	Casuarina glauca (Swamp Oak) 25cm 40cm 13.0m 6.0m	Casuarina glauca (Swamp Oak) 17cm 20cm 8.0m	Casuarina glauca (Swamp Oak) 30cm 45cm 11.0m 4.0m	Casuarina glauca (Swamp Oak) 30cm 40cm 12.0m 6.0m
Species DBH DGL Height Canopy Age	Casuarina glauca (Swamp Oak) 17cm 20cm 4.0m 1.0m Young	Casuarina glauca (Swamp Oak) 25cm 40cm 13.0m 6.0m Semi Mature	Casuarina glauca (Swamp Oak) 17cm 20cm 8.0m 3.0m	Casuarina glauca (Swamp Oak) 30cm 45cm 11.0m 4.0m Semi Mature	Casuarina glauca (Swamp Oak) 30cm 40cm 12.0m 6.0m Semi Mature
Species DBH DGL Height Canopy Age Life Expect.	Casuarina glauca (Swamp Oak) 17cm 20cm 4.0m 1.0m Young 5-15yrs	Casuarina glauca (Swamp Oak) 25cm 40cm 13.0m 6.0m Semi Mature 15-40yrs	Casuarina glauca (Swamp Oak) 17cm 20cm 8.0m 3.0m Young 15-40yrs	Casuarina glauca (Swamp Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs	Casuarina glauca (Swamp Oak) 30cm 40cm 12.0m 6.0m Semi Mature 15-40yrs
Species DBH DGL Height Canopy Age Life Expect. Location	Casuarina glauca (Swamp Oak) 17cm 20cm 4.0m 1.0m Young 5-15yrs On Site	Casuarina glauca (Swamp Oak) 25cm 40cm 13.0m 6.0m Semi Mature 15-40yrs On Site	Casuarina glauca (Swamp Oak) 17cm 20cm 8.0m 3.0m Young 15-40yrs On Site	Casuarina glauca (Swamp Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site	Casuarina glauca (Swamp Oak) 30cm 40cm 12.0m 6.0m Semi Mature 15-40yrs On Site
Species DBH DGL Height Canopy Age Life Expect. Location Type	Casuarina glauca (Swamp Oak) 17cm 20cm 4.0m 1.0m Young 5-15yrs On Site Indigenous	Casuarina glauca (Swamp Oak) 25cm 40cm 13.0m 6.0m Semi Mature 15-40yrs On Site Indigenous	Casuarina glauca (Swamp Oak) 17cm 20cm 8.0m 3.0m Young 15-40yrs On Site Indigenous	Casuarina glauca (Swamp Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site Indigenous	Casuarina glauca (Swamp Oak) 30cm 40cm 12.0m 6.0m Semi Mature 15-40yrs On Site Indigenous
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Casuarina glauca (Swamp Oak) 17cm 20cm 4.0m 1.0m Young 5-15yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 25cm 40cm 13.0m 6.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 17cm 20cm 8.0m 3.0m Young 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 30cm 40cm 12.0m 6.0m Semi Mature 15-40yrs On Site Indigenous Codominant
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Casuarina glauca (Swamp Oak) 17cm 20cm 4.0m 1.0m Young 5-15yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 25cm 40cm 13.0m 6.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 17cm 20cm 8.0m 3.0m Young 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 30cm 40cm 12.0m 6.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Casuarina glauca (Swamp Oak) 17cm 20cm 4.0m 1.0m Young 5-15yrs On Site Indigenous Codominant 3 Average/Low	Casuarina glauca (Swamp Oak) 25cm 40cm 13.0m 6.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	Casuarina glauca (Swamp Oak) 17cm 20cm 8.0m 3.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Casuarina glauca (Swamp Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	Casuarina glauca (Swamp Oak) 30cm 40cm 12.0m 6.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low Sap

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Tree no.	101	102	103	104	105
Species	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
DBH	17cm	20cm	40cm	20cm	17cm
DGL	20cm	25cm	50cm	25cm	20cm
Height	4.0m	11.0m	13.0m	4.0m	3.0m
Canopy	1.0m	3.0m	7.0m	3.0m	2.0m
Age	Young	Young	Semi Mature	Young	Young
Life Expect.	5-15yrs	15-40yrs	15-40yrs	15-40yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Codominant	Codominant	Codominant	Codominant
Crown Cond.	1 Severe Decline	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low
Health & Cond.	DL			PrF TW	
TreeAZ	Z3	Α	Α	Z4	Z1
TPO Protected	Yes	Yes	Yes	Yes	No
TPZ	2.0m	2.4m	4.8m	2.4m	2.0m
Tree no.	106	107	108	109	110
Tree no. Species	106 Casuarina glauca (Swamp Oak)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
<u> </u>	Casuarina glauca	Eucalyptus moluccana	Eucalyptus moluccana (Grey	Casuarina glauca	Casuarina glauca
Species	Casuarina glauca (Swamp Oak)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
Species DBH	Casuarina glauca (Swamp Oak) 20cm	Eucalyptus moluccana (Grey Box) 40cm	Eucalyptus moluccana (Grey Box) 25cm	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak) 10cm
Species DBH DGL	Casuarina glauca (Swamp Oak) 20cm 35cm	Eucalyptus moluccana (Grey Box) 40cm 45cm	Eucalyptus moluccana (Grey Box) 25cm 30cm	Casuarina glauca (Swamp Oak) 10cm 20cm	Casuarina glauca (Swamp Oak) 10cm 20cm
Species DBH DGL Height	Casuarina glauca (Swamp Oak) 20cm 35cm 8.0m	Eucalyptus moluccana (Grey Box) 40cm 45cm 12.0m	Eucalyptus moluccana (Grey Box) 25cm 30cm 7.0m	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m
Species DBH DGL Height Canopy	Casuarina glauca (Swamp Oak) 20cm 35cm 8.0m 4.0m	Eucalyptus moluccana (Grey Box) 40cm 45cm 12.0m 6.0m	Eucalyptus moluccana (Grey Box) 25cm 30cm 7.0m	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m
Species DBH DGL Height Canopy Age	Casuarina glauca (Swamp Oak) 20cm 35cm 8.0m 4.0m Young	Eucalyptus moluccana (Grey Box) 40cm 45cm 12.0m 6.0m Semi Mature	Eucalyptus moluccana (Grey Box) 25cm 30cm 7.0m 2.0m Young	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young
Species DBH DGL Height Canopy Age Life Expect.	Casuarina glauca (Swamp Oak) 20cm 35cm 8.0m 4.0m Young	Eucalyptus moluccana (Grey Box) 40cm 45cm 12.0m 6.0m Semi Mature 5-15yrs	Eucalyptus moluccana (Grey Box) 25cm 30cm 7.0m 2.0m Young 15-40yrs	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs
Species DBH DGL Height Canopy Age Life Expect. Location	Casuarina glauca (Swamp Oak) 20cm 35cm 8.0m 4.0m Young 15-40yrs On Site	Eucalyptus moluccana (Grey Box) 40cm 45cm 12.0m 6.0m Semi Mature 5-15yrs On Site	Eucalyptus moluccana (Grey Box) 25cm 30cm 7.0m 2.0m Young 15-40yrs On Site	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site
Species DBH DGL Height Canopy Age Life Expect. Location Type	Casuarina glauca (Swamp Oak) 20cm 35cm 8.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 2 Decline	Eucalyptus moluccana (Grey Box) 40cm 45cm 12.0m 6.0m Semi Mature 5-15yrs On Site Indigenous	Eucalyptus moluccana (Grey Box) 25cm 30cm 7.0m 2.0m Young 15-40yrs On Site Indigenous	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Casuarina glauca (Swamp Oak) 20cm 35cm 8.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 2 Decline Sap	Eucalyptus moluccana (Grey Box) 40cm 45cm 12.0m 6.0m Semi Mature 5-15yrs On Site Indigenous Codominant 1 Severe Decline DL	Eucalyptus moluccana (Grey Box) 25cm 30cm 7.0m 2.0m Young 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous Codominant
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Casuarina glauca (Swamp Oak) 20cm 35cm 8.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 2 Decline	Eucalyptus moluccana (Grey Box) 40cm 45cm 12.0m 6.0m Semi Mature 5-15yrs On Site Indigenous Codominant 1 Severe Decline	Eucalyptus moluccana (Grey Box) 25cm 30cm 7.0m 2.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous Codominant	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous Codominant
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Casuarina glauca (Swamp Oak) 20cm 35cm 8.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 2 Decline Sap	Eucalyptus moluccana (Grey Box) 40cm 45cm 12.0m 6.0m Semi Mature 5-15yrs On Site Indigenous Codominant 1 Severe Decline DL	Eucalyptus moluccana (Grey Box) 25cm 30cm 7.0m 2.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low TW	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Casuarina glauca (Swamp Oak) 10cm 20cm 4.0m 4.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low

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Tree no.	111	112	113	114	115
Species	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
DBH	80cm	46cm	40cm	17cm	25cm
DGL	90cm	80cm	50cm	20cm	50cm
Height	20.0m	12.0m	16.0m	6.0m	16.0m
Canopy	18.0m	10.0m	8.0m	4.0m	4.0m
Age	Mature	Mature	Semi Mature	Young	Semi Mature
Life Expect.	15-40yrs	5-15yrs	15-40yrs	5-15yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Codominant	Codominant	Codominant	Codominant
Crown Cond.	3 Average/Low	2 Decline	3 Average/Low	3 Average/Low	3 Average/Low
Health & Cond.		EP+ Dominant trunk failure		PrF	
TreeAZ	Α	Z4	Α	Z8	Α
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	9.6m	5.5m	4.8m	2.0m	3.0m
Tree no.	111	112	113	114	115
Species	Eucalyptus tereticornis (Forest Red Gum)	Eucalyptus tereticornis (Forest Red Gum)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
DBH	80cm	46cm	40cm	17cm	25cm
DGL					
	90cm	80cm	50cm	20cm	50cm
Height	90cm 20.0m	80cm 12.0m	50cm 16.0m	20cm 6.0m	
Height Canopy					50cm
	20.0m	12.0m	16.0m	6.0m	50cm 16.0m
Canopy	20.0m 18.0m	12.0m 10.0m	16.0m 8.0m	6.0m 4.0m	50cm 16.0m 4.0m
Canopy Age	20.0m 18.0m Mature	12.0m 10.0m Mature	16.0m 8.0m Semi Mature	6.0m 4.0m Young	50cm 16.0m 4.0m Semi Mature
Canopy Age Life Expect.	20.0m 18.0m Mature 15-40yrs	12.0m 10.0m Mature 5-15yrs	16.0m 8.0m Semi Mature 15-40yrs	6.0m 4.0m Young 5-15yrs	50cm 16.0m 4.0m Semi Mature 15-40yrs
Canopy Age Life Expect. Location	20.0m 18.0m Mature 15-40yrs On Site	12.0m 10.0m Mature 5-15yrs On Site	16.0m 8.0m Semi Mature 15-40yrs On Site	6.0m 4.0m Young 5-15yrs On Site	50cm 16.0m 4.0m Semi Mature 15-40yrs On Site
Canopy Age Life Expect. Location Type	20.0m 18.0m Mature 15-40yrs On Site Indigenous	12.0m 10.0m Mature 5-15yrs On Site Indigenous	16.0m 8.0m Semi Mature 15-40yrs On Site Indigenous	6.0m 4.0m Young 5-15yrs On Site Indigenous	50cm 16.0m 4.0m Semi Mature 15-40yrs On Site Indigenous
Canopy Age Life Expect. Location Type Crown Class	20.0m 18.0m Mature 15-40yrs On Site Indigenous Codominant	12.0m 10.0m Mature 5-15yrs On Site Indigenous Codominant	16.0m 8.0m Semi Mature 15-40yrs On Site Indigenous Codominant	6.0m 4.0m Young 5-15yrs On Site Indigenous Codominant	50cm 16.0m 4.0m Semi Mature 15-40yrs On Site Indigenous Codominant
Canopy Age Life Expect. Location Type Crown Class Crown Cond.	20.0m 18.0m Mature 15-40yrs On Site Indigenous Codominant	12.0m 10.0m Mature 5-15yrs On Site Indigenous Codominant 2 Decline EP+ Dominant	16.0m 8.0m Semi Mature 15-40yrs On Site Indigenous Codominant	6.0m 4.0m Young 5-15yrs On Site Indigenous Codominant 3 Average/Low	50cm 16.0m 4.0m Semi Mature 15-40yrs On Site Indigenous Codominant
Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	20.0m 18.0m Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	12.0m 10.0m Mature 5-15yrs On Site Indigenous Codominant 2 Decline EP+ Dominant trunk failure	16.0m 8.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	6.0m 4.0m Young 5-15yrs On Site Indigenous Codominant 3 Average/Low PrF	50cm 16.0m 4.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low

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Tree no.	116	117	118	119	120
Species	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
DBH	17cm	40cm	40cm	55cm	55cm
DGL	20cm	50cm	50cm	70cm	70cm
Height	4.0m	13.0m	11.0m	14.0m	14.0m
Canopy	1.0m	8.0m	8.0m	10.0m	10.0m
Age	Young	Semi Mature	Semi Mature	Mature	Mature
Life Expect.	<5yrs	15-40yrs	15-40yrs	15-40yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Codominant	Dominant	Codominant	Dominant	Dominant
Crown Cond.	1 Severe Decline	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low
Health & Cond.	DL				
TreeAZ	Z3	Α	Α	Α	Α
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	2.0m	4.8m	4.8m	6.6m	6.6m
Tree no.	121	122	123	124	125
Tree no. Species	Casuarina glauca (Swamp Oak)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Jacaranda mimosifolia (Jacaranda)
<u> </u>	Casuarina glauca	Eucalyptus moluccana	Eucalyptus moluccana (Grey	Eucalyptus moluccana (Grey	Jacaranda mimosifolia
Species	Casuarina glauca (Swamp Oak)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Eucalyptus moluccana (Grey Box)	Jacaranda mimosifolia (Jacaranda)
Species DBH	Casuarina glauca (Swamp Oak)	Eucalyptus moluccana (Grey Box) 90cm	Eucalyptus moluccana (Grey Box) 80cm	Eucalyptus moluccana (Grey Box) 70cm	Jacaranda mimosifolia (Jacaranda) 22cm
Species DBH DGL	Casuarina glauca (Swamp Oak) 60cm 70cm	Eucalyptus moluccana (Grey Box) 90cm	Eucalyptus moluccana (Grey Box) 80cm 90cm	Eucalyptus moluccana (Grey Box) 70cm 85cm	Jacaranda mimosifolia (Jacaranda) 22cm 40cm
Species DBH DGL Height	Casuarina glauca (Swamp Oak) 60cm 70cm 13.0m	Eucalyptus moluccana (Grey Box) 90cm 80cm	Eucalyptus moluccana (Grey Box) 80cm 90cm 13.0m	Eucalyptus moluccana (Grey Box) 70cm 85cm 16.0m	Jacaranda mimosifolia (Jacaranda) 22cm 40cm 4.0m
Species DBH DGL Height Canopy	Casuarina glauca (Swamp Oak) 60cm 70cm 13.0m	Eucalyptus moluccana (Grey Box) 90cm 80cm 16.0m 22.0m	Eucalyptus moluccana (Grey Box) 80cm 90cm 13.0m	Eucalyptus moluccana (Grey Box) 70cm 85cm 16.0m	Jacaranda mimosifolia (Jacaranda) 22cm 40cm 4.0m 6.0m
Species DBH DGL Height Canopy Age	Casuarina glauca (Swamp Oak) 60cm 70cm 13.0m 12.0m	Eucalyptus moluccana (Grey Box) 90cm 80cm 16.0m 22.0m Mature	Eucalyptus moluccana (Grey Box) 80cm 90cm 13.0m 15.0m Mature	Eucalyptus moluccana (Grey Box) 70cm 85cm 16.0m 12.0m Mature	Jacaranda mimosifolia (Jacaranda) 22cm 40cm 4.0m 6.0m
Species DBH DGL Height Canopy Age Life Expect.	Casuarina glauca (Swamp Oak) 60cm 70cm 13.0m 12.0m Mature 15-40yrs	Eucalyptus moluccana (Grey Box) 90cm 80cm 16.0m 22.0m Mature 5-15yrs	Eucalyptus moluccana (Grey Box) 80cm 90cm 13.0m 15.0m Mature 15-40yrs	Eucalyptus moluccana (Grey Box) 70cm 85cm 16.0m 12.0m Mature 15-40yrs	Jacaranda mimosifolia (Jacaranda) 22cm 40cm 4.0m 6.0m Young 15-40yrs
Species DBH DGL Height Canopy Age Life Expect. Location	Casuarina glauca (Swamp Oak) 60cm 70cm 13.0m 12.0m Mature 15-40yrs On Site	Eucalyptus moluccana (Grey Box) 90cm 80cm 16.0m 22.0m Mature 5-15yrs On Site	Eucalyptus moluccana (Grey Box) 80cm 90cm 13.0m 15.0m Mature 15-40yrs On Site	Eucalyptus moluccana (Grey Box) 70cm 85cm 16.0m 12.0m Mature 15-40yrs On Site	Jacaranda mimosifolia (Jacaranda) 22cm 40cm 4.0m 6.0m Young 15-40yrs On Site
Species DBH DGL Height Canopy Age Life Expect. Location Type	Casuarina glauca (Swamp Oak) 60cm 70cm 13.0m 12.0m Mature 15-40yrs On Site Indigenous	Eucalyptus moluccana (Grey Box) 90cm 80cm 16.0m 22.0m Mature 5-15yrs On Site Indigenous	Eucalyptus moluccana (Grey Box) 80cm 90cm 13.0m 15.0m Mature 15-40yrs On Site Indigenous	Eucalyptus moluccana (Grey Box) 70cm 85cm 16.0m 12.0m Mature 15-40yrs On Site Indigenous	Jacaranda mimosifolia (Jacaranda) 22cm 40cm 4.0m 6.0m Young 15-40yrs On Site Exotic
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Casuarina glauca (Swamp Oak) 60cm 70cm 13.0m 12.0m Mature 15-40yrs On Site Indigenous Dominant	Eucalyptus moluccana (Grey Box) 90cm 80cm 16.0m 22.0m Mature 5-15yrs On Site Indigenous Dominant	Eucalyptus moluccana (Grey Box) 80cm 90cm 13.0m 15.0m Mature 15-40yrs On Site Indigenous Codominant	Eucalyptus moluccana (Grey Box) 70cm 85cm 16.0m 12.0m Mature 15-40yrs On Site Indigenous Codominant	Jacaranda mimosifolia (Jacaranda) 22cm 40cm 4.0m 6.0m Young 15-40yrs On Site Exotic Dominant
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Casuarina glauca (Swamp Oak) 60cm 70cm 13.0m 12.0m Mature 15-40yrs On Site Indigenous Dominant	Eucalyptus moluccana (Grey Box) 90cm 80cm 16.0m 22.0m Mature 5-15yrs On Site Indigenous Dominant 22 Decline	Eucalyptus moluccana (Grey Box) 80cm 90cm 13.0m 15.0m Mature 15-40yrs On Site Indigenous Codominant 1 Severe Decline TW+ EP+ DW+	Eucalyptus moluccana (Grey Box) 70cm 85cm 16.0m 12.0m Mature 15-40yrs On Site Indigenous Codominant 2 Decline	Jacaranda mimosifolia (Jacaranda) 22cm 40cm 4.0m 6.0m Young 15-40yrs On Site Exotic Dominant
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Casuarina glauca (Swamp Oak) 60cm 70cm 13.0m 12.0m Mature 15-40yrs On Site Indigenous Dominant 3 Average/Low	Eucalyptus moluccana (Grey Box) 90cm 80cm 16.0m 22.0m Mature 5-15yrs On Site Indigenous Dominant 22 Decline DW EP DL PE	Eucalyptus moluccana (Grey Box) 80cm 90cm 13.0m 15.0m Mature 15-40yrs On Site Indigenous Codominant 1 Severe Decline TW+ EP+ DW+ DL	Eucalyptus moluccana (Grey Box) 70cm 85cm 16.0m 12.0m Mature 15-40yrs On Site Indigenous Codominant 2 Decline DW+ PE DL	Jacaranda mimosifolia (Jacaranda) 22cm 40cm 4.0m 6.0m Young 15-40yrs On Site Exotic Dominant 4 Good

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126 127 128 129 130 Tree no. Callistemon Callistemon Leptospermum Leptospermum Punica viminalis citrinus (Lemonpetersonii (Lemon petersonii (Lemon **Species** granatum (Weeping scented Scented Tea Tree) Scented Tea Tree) (Pomegranate) Bottlebrush) Bottlebrush) **DBH** 17cm 17cm 17cm 28cm 17cm DGL 20cm 40cm 40cm 20cm 20cm 4.0m 6.0m 5.0m 4.0m 2.0m Height 5.0m 6.0m 4.0m 5.0m 2.0m Canopy Age Young Mature Young Young Mature Life Expect. 15-40yrs 5-15yrs 15-40yrs 15-40yrs 5-15yrs Location On Site On Site On Site On Site On Site Type Native Native Native Native Exotic Crown Class Codominant Dominant Dominant Dominant Dominant Crown Cond. 4 Good 3 Average/Low 4 Good 4 Good 2 Decline Health & Cond. MA MA MA TreeAZ Z8 Z8 Z8 Α Α TPO Protected Yes Yes Yes Yes No TPZ 2.0m 3.4m 2.0m 2.0m 2.0m Tree no. 131 132 133 134 135 Gleditsia Gleditsia Olea europaea Pyrus sp triacanthos **Species** Malus sp (Apple) triacanthos subsp. cuspidata (Pear) (African Olive) (Honey Locust) (Honey Locust) **DBH** 15cm 17cm 17cm 17cm 20cm 25cm 30cm 20cm 20cm **DGL** 30cm Height 3.0m 3.0m 3.0m 2.0m 4.0m 4.0m 3.0m 3.0m 2.0m Canopy Mature Mature Mature Mature Young Age Life Expect. 15-40yrs 15-40yrs 15-40yrs 15-40yrs 5-15yrs Location On Site On Site On Site On Site On Site Type **Exotic** Exotic Exotic Exotic Exotic **Crown Class** Codominant Codominant Codominant **Dominant Dominant** Crown Cond. 3 Average/Low 3 Average/Low 3 Average/Low 3 Average/Low 3 Average/Low Health & Cond. TreeAZ Ζ1 Ζ1 Ζ1 Α Α **TPO Protected** No Yes Yes Yes No TPZ 1.8m 2.0m 2.0m 2.0m 2.4m

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Tree no.	136	137	138	139	140
Species	Pyrus sp (Pear)	Pyrus sp (Pear)	Pyrus sp (Pear)	Citrus sp (Citrus)	Ficus carica (Common Fig)
DBH	20cm	20cm	20cm	22cm	17cm
DGL	20cm	20cm	20cm	30cm	30cm
Height	3.0m	3.0m	3.0m	1.5m	3.0m
Canopy	2.0m	2.0m	2.0m	3.0m	5.0m
Age	Mature	Mature	Mature	Mature	Semi Mature
Life Expect.	5-15yrs	5-15yrs	5-15yrs	15-40yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Exotic	Exotic	Exotic	Exotic	Exotic
Crown Class	Dominant	Dominant	Dominant	Dominant	Codominant
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low
Health & Cond.					
TreeAZ	Z1	Z1	Z1	Z1	Z1
TPO Protected	No	No	No	No	Yes
TPZ	2.4m	2.4m	2.4m	2.6m	2.0m
Tree no.	141	142	143	144	145
Species	Gleditsia triacanthos (Honey Locust)	Jacaranda mimosifolia (Jacaranda)	Lagerstroemia indica (Crepe Myrtle)	Macadamia integrifolia (Macadamia Nut)	Lagerstroemia indica (Crepe Myrtle)
				47	22cm
DBH	20cm	34cm	22cm	17cm	220111
DBH DGL	20cm 20cm	34cm 40cm	60cm	60cm	50cm
DGL	20cm	40cm	60cm	60cm	50cm
DGL Height	20cm 6.0m	40cm 7.0m	60cm 4.0m	60cm 4.0m	50cm 6.0m
DGL Height Canopy	20cm 6.0m 6.0m	40cm 7.0m 6.0m	60cm 4.0m 6.0m	60cm 4.0m 6.0m	50cm 6.0m 6.0m
DGL Height Canopy Age	20cm 6.0m 6.0m Semi Mature	40cm 7.0m 6.0m Young	60cm 4.0m 6.0m Mature	60cm 4.0m 6.0m Mature	50cm 6.0m 6.0m Mature
DGL Height Canopy Age Life Expect.	20cm 6.0m 6.0m Semi Mature 15-40yrs	40cm 7.0m 6.0m Young 40+yrs	60cm 4.0m 6.0m Mature 40+yrs	60cm 4.0m 6.0m Mature 40+yrs	50cm 6.0m 6.0m Mature 40+yrs
DGL Height Canopy Age Life Expect. Location	20cm 6.0m 6.0m Semi Mature 15-40yrs On Site	40cm 7.0m 6.0m Young 40+yrs On Site	60cm 4.0m 6.0m Mature 40+yrs On Site	60cm 4.0m 6.0m Mature 40+yrs On Site	50cm 6.0m 6.0m Mature 40+yrs On Site
DGL Height Canopy Age Life Expect. Location Type	20cm 6.0m 6.0m Semi Mature 15-40yrs On Site Exotic	40cm 7.0m 6.0m Young 40+yrs On Site Exotic	60cm 4.0m 6.0m Mature 40+yrs On Site Exotic	60cm 4.0m 6.0m Mature 40+yrs On Site Native	50cm 6.0m 6.0m Mature 40+yrs On Site Exotic
DGL Height Canopy Age Life Expect. Location Type Crown Class	20cm 6.0m 6.0m Semi Mature 15-40yrs On Site Exotic Codominant	40cm 7.0m 6.0m Young 40+yrs On Site Exotic Dominant	60cm 4.0m 6.0m Mature 40+yrs On Site Exotic Dominant	60cm 4.0m 6.0m Mature 40+yrs On Site Native Dominant	50cm 6.0m 6.0m Mature 40+yrs On Site Exotic Dominant
DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	20cm 6.0m 6.0m Semi Mature 15-40yrs On Site Exotic Codominant	40cm 7.0m 6.0m Young 40+yrs On Site Exotic Dominant 4 Good	60cm 4.0m 6.0m Mature 40+yrs On Site Exotic Dominant	60cm 4.0m 6.0m Mature 40+yrs On Site Native Dominant	50cm 6.0m 6.0m Mature 40+yrs On Site Exotic Dominant
DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	20cm 6.0m 6.0m Semi Mature 15-40yrs On Site Exotic Codominant 3 Average/Low	40cm 7.0m 6.0m Young 40+yrs On Site Exotic Dominant 4 Good BI	60cm 4.0m 6.0m Mature 40+yrs On Site Exotic Dominant 3 Average/Low	60cm 4.0m 6.0m Mature 40+yrs On Site Native Dominant 5 Excellent	50cm 6.0m 6.0m Mature 40+yrs On Site Exotic Dominant 3 Average/Low

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Tree no.	146	147	148	149	150
Species	Malus sp (Apple)	Juniperus chinensis (Chinese Juniper)	Ligustrum lucidium (Large Leaf Privet)	Melaleuca sp (Paperbark)	gone
DBH	17cm	28cm	17cm	17cm	
DGL	20cm	40cm	20cm	20cm	
Height	2.0m	4.0m		2.0m	
Canopy	2.0m	4.0m		2.0m	
Age	Mature	Mature	Mature	Young	
Life Expect.	5-15yrs	15-40yrs	15-40yrs	15-40yrs	
Location	On Site	On Site	On Site	On Site	On Site
Туре	Exotic	Exotic	Noxious Weed - 4	Indigenous	
Crown Class	Codominant	Dominant		Codominant	
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low	
Health & Cond.					
TreeAZ	Z1	Α	Z2	A	
TPO Protected	No	Yes	Yes	Yes	
TPZ	2.0m	3.4m	2.0m	2.0m	
Tree no.	151	152	153	154	155
Species	Schinus molle var. areira (Peppercorn Tree)	Gleditsia triacanthos (Honey Locust)	Eucalyptus longifolia (Woollybutt)	Jacaranda mimosifolia (Jacaranda)	Jacaranda mimosifolia (Jacaranda)
DBH	17cm	17cm	64cm	17cm	17cm
DGL	20cm	20cm	80cm	30cm	30cm
Height	2.0m	4.0m	10.0m	3.0m	4.0m
Canopy	2.0m	4.0m	15.0m	4.0m	4.0m
Age	Young	Semi Mature	Mature	Young	Young
Life Expect.	15-40yrs	15-40yrs	40+yrs	40+yrs	40+yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Exotic	Exotic	Indigenous	Exotic	Exotic
Crown Class	Dominant	Dominant	Dominant	Dominant	Dominant
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	4 Good	3 Average/Low
Health & Cond.			CDTR PE		
TreeAZ	Z1	Z1	Α	Α	Α
TPO Protected	No	No	Yes	Yes	Yes
TPZ	2.0m	2.0m	7.7m	2.0m	2.0m

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Tree no.	156	157	158	159	160
Species	Dead	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Gleditsia triacanthos (Honey Locust)
DBH		25cm	64cm	25cm	17cm
DGL		40cm	80cm	40cm	20cm
Height		7.0m	10.0m	7.0m	2.5m
Canopy		4.0m	8.0m	4.0m	1.0m
Age		Semi Mature	Mature	Semi Mature	Young
Life Expect.	Dead	15-40yrs	40+yrs	15-40yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре		Indigenous	Indigenous	Indigenous	Exotic
Crown Class		Dominant	Dominant	Dominant	Dominant
Crown Cond.	0 Dead	3 Average/Low	4 Good	3 Average/Low	3 Average/Low
Health & Cond.					
TreeAZ	Z1	А	Α	Α	Z1
TPO Protected	No	Yes	Yes	Yes	No
TPZ		3.0m	7.7m	3.0m	2.0m
Tree no.	161	162	163	164	165
Species	Melaleuca bracteata	Casuarina glauca (Swamp	Melaleuca bracteata	Casuarina glauca	Melaleuca bracteata
- 400.00	(Revolution Green)	Oak)	(Revolution Green)	(Swamp Oak)	(Revolution Green)
DBH	`	· ·	,	(Swamp Oak) 5cm	`
•	Green)	Oak)	Green)		Green)
DBH	Green) 17cm	Oak) 50cm	Green) 35cm	5cm	Green) 17cm
DBH DGL	Green) 17cm 20cm	Oak) 50cm 70cm	Green) 35cm 40cm	5cm 20cm	Green) 17cm 20cm
DBH DGL Height	Green) 17cm 20cm 2.0m	Oak) 50cm 70cm 8.0m	Green) 35cm 40cm 7.0m	5cm 20cm 3.0m	Green) 17cm 20cm 2.0m
DBH DGL Height Canopy	Green) 17cm 20cm 2.0m 2.0m	Oak) 50cm 70cm 8.0m 10.0m	Green) 35cm 40cm 7.0m 5.0m	5cm 20cm 3.0m 2.0m	Green) 17cm 20cm 2.0m 2.0m
DBH DGL Height Canopy Age	Green) 17cm 20cm 2.0m 2.0m Young	Oak) 50cm 70cm 8.0m 10.0m Mature	Green) 35cm 40cm 7.0m 5.0m Mature	5cm 20cm 3.0m 2.0m Young	Green) 17cm 20cm 2.0m 2.0m Semi Mature
DBH DGL Height Canopy Age Life Expect.	Green) 17cm 20cm 2.0m 2.0m Young 5-15yrs	Oak) 50cm 70cm 8.0m 10.0m Mature 15-40yrs	Green) 35cm 40cm 7.0m 5.0m Mature 5-15yrs	5cm 20cm 3.0m 2.0m Young 15-40yrs	Green) 17cm 20cm 2.0m 2.0m Semi Mature 5-15yrs
DBH DGL Height Canopy Age Life Expect. Location	Green) 17cm 20cm 2.0m 2.0m Young 5-15yrs On Site	Oak) 50cm 70cm 8.0m 10.0m Mature 15-40yrs On Site	Green) 35cm 40cm 7.0m 5.0m Mature 5-15yrs On Site	5cm 20cm 3.0m 2.0m Young 15-40yrs On Site	Green) 17cm 20cm 2.0m 2.0m Semi Mature 5-15yrs On Site
DBH DGL Height Canopy Age Life Expect. Location Type	Green) 17cm 20cm 2.0m 2.0m Young 5-15yrs On Site Native	Oak) 50cm 70cm 8.0m 10.0m Mature 15-40yrs On Site Indigenous	Green) 35cm 40cm 7.0m 5.0m Mature 5-15yrs On Site Native	5cm 20cm 3.0m 2.0m Young 15-40yrs On Site Indigenous	Green) 17cm 20cm 2.0m 2.0m Semi Mature 5-15yrs On Site Native
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Green) 17cm 20cm 2.0m 2.0m Young 5-15yrs On Site Native Codominant	Oak) 50cm 70cm 8.0m 10.0m Mature 15-40yrs On Site Indigenous Dominant	Green) 35cm 40cm 7.0m 5.0m Mature 5-15yrs On Site Native Codominant	5cm 20cm 3.0m 2.0m Young 15-40yrs On Site Indigenous Codominant	Green) 17cm 20cm 2.0m 2.0m Semi Mature 5-15yrs On Site Native Supressed
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Green) 17cm 20cm 2.0m 2.0m Young 5-15yrs On Site Native Codominant 3 Average/Low	Oak) 50cm 70cm 8.0m 10.0m Mature 15-40yrs On Site Indigenous Dominant 3 Average/Low	Green) 35cm 40cm 7.0m 5.0m Mature 5-15yrs On Site Native Codominant	5cm 20cm 3.0m 2.0m Young 15-40yrs On Site Indigenous Codominant	Green) 17cm 20cm 2.0m 2.0m Semi Mature 5-15yrs On Site Native Supressed
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Green) 17cm 20cm 2.0m 2.0m Young 5-15yrs On Site Native Codominant 3 Average/Low LN	Oak) 50cm 70cm 8.0m 10.0m Mature 15-40yrs On Site Indigenous Dominant 3 Average/Low CDI	Green) 35cm 40cm 7.0m 5.0m Mature 5-15yrs On Site Native Codominant 3 Average/Low	5cm 20cm 3.0m 2.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Green) 17cm 20cm 2.0m 2.0m Semi Mature 5-15yrs On Site Native Supressed 3 Average/Low

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Tree no.	166	167	168	169	170
Species	Casuarina glauca (Swamp Oak)	Melaleuca bracteata (Revolution Green)	Araucaria heterophylla (Norfolk Island Pine)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
DBH	54cm	17cm	20cm	17cm	44cm
DGL	90cm	20cm	20cm	20cm	50cm
Height	10.0m	2.0m	7.0m	7.0m	9.0m
Canopy	12.0m	3.0m	2.0m	2.0m	8.0m
Age	Mature	Semi Mature	Young	Young	Young
Life Expect.	15-40yrs	5-15yrs	40+yrs	15-40yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Indigenous	Native	Native	Indigenous	Indigenous
Crown Class	Dominant	Supressed	Codominant	Codominant	Codominant
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low
Health & Cond.	BI CDI				
TreeAZ	Α	Z8	Z3	Α	А
TPO Protected	Yes	No	Yes	Yes	Yes
TPZ	6.5m	2.0m	2.4m	2.0m	5.3m
Tree no.	171	172	173	174	175
Tree no. Species	Casuarina glauca (Swamp Oak)	Dead	Eucalyptus tereticornis (Forest Red Gum)	Photinia robusta (Photinia)	Opuntia stricta (Prickly Pear)
	Casuarina glauca		Eucalyptus tereticornis (Forest Red	Photinia robusta	Opuntia stricta
Species	Casuarina glauca (Swamp Oak)		Eucalyptus tereticornis (Forest Red Gum)	Photinia robusta (Photinia)	Opuntia stricta
Species DBH	Casuarina glauca (Swamp Oak)		Eucalyptus tereticornis (Forest Red Gum) 50cm	Photinia robusta (Photinia)	Opuntia stricta
Species DBH DGL	Casuarina glauca (Swamp Oak) 44cm 50cm		Eucalyptus tereticornis (Forest Red Gum) 50cm	Photinia robusta (Photinia) 17cm 20cm	Opuntia stricta
Species DBH DGL Height	Casuarina glauca (Swamp Oak) 44cm 50cm 9.0m		Eucalyptus tereticornis (Forest Red Gum) 50cm 55cm	Photinia robusta (Photinia) 17cm 20cm 3.0m	Opuntia stricta
Species DBH DGL Height Canopy	Casuarina glauca (Swamp Oak) 44cm 50cm 9.0m 8.0m		Eucalyptus tereticornis (Forest Red Gum) 50cm 55cm 13.0m	Photinia robusta (Photinia) 17cm 20cm 3.0m 5.0m	Opuntia stricta (Prickly Pear)
Species DBH DGL Height Canopy Age	Casuarina glauca (Swamp Oak) 44cm 50cm 9.0m 8.0m Young	Dead	Eucalyptus tereticornis (Forest Red Gum) 50cm 55cm 13.0m 8.0m Young	Photinia robusta (Photinia) 17cm 20cm 3.0m 5.0m Mature	Opuntia stricta (Prickly Pear) Mature 15-40yrs On Site
Species DBH DGL Height Canopy Age Life Expect.	Casuarina glauca (Swamp Oak) 44cm 50cm 9.0m 8.0m Young 15-40yrs	Dead	Eucalyptus tereticornis (Forest Red Gum) 50cm 55cm 13.0m 8.0m Young 40+yrs	Photinia robusta (Photinia) 17cm 20cm 3.0m 5.0m Mature 15-40yrs	Opuntia stricta (Prickly Pear) Mature 15-40yrs
Species DBH DGL Height Canopy Age Life Expect. Location	Casuarina glauca (Swamp Oak) 44cm 50cm 9.0m 8.0m Young 15-40yrs On Site	Dead	Eucalyptus tereticornis (Forest Red Gum) 50cm 55cm 13.0m 8.0m Young 40+yrs On Site	Photinia robusta (Photinia) 17cm 20cm 3.0m 5.0m Mature 15-40yrs On Site	Opuntia stricta (Prickly Pear) Mature 15-40yrs On Site Noxious Weed
Species DBH DGL Height Canopy Age Life Expect. Location Type	Casuarina glauca (Swamp Oak) 44cm 50cm 9.0m 8.0m Young 15-40yrs On Site Indigenous	Dead	Eucalyptus tereticornis (Forest Red Gum) 50cm 55cm 13.0m 8.0m Young 40+yrs On Site Indigenous	Photinia robusta (Photinia) 17cm 20cm 3.0m 5.0m Mature 15-40yrs On Site Exotic	Opuntia stricta (Prickly Pear) Mature 15-40yrs On Site Noxious Weed
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Casuarina glauca (Swamp Oak) 44cm 50cm 9.0m 8.0m Young 15-40yrs On Site Indigenous Codominant	Dead Dead On Site	Eucalyptus tereticornis (Forest Red Gum) 50cm 55cm 13.0m 8.0m Young 40+yrs On Site Indigenous Dominant	Photinia robusta (Photinia) 17cm 20cm 3.0m 5.0m Mature 15-40yrs On Site Exotic Dominant	Opuntia stricta (Prickly Pear) Mature 15-40yrs On Site Noxious Weed - 4
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Casuarina glauca (Swamp Oak) 44cm 50cm 9.0m 8.0m Young 15-40yrs On Site Indigenous Codominant	Dead Dead On Site	Eucalyptus tereticornis (Forest Red Gum) 50cm 55cm 13.0m 8.0m Young 40+yrs On Site Indigenous Dominant 3 Average/Low	Photinia robusta (Photinia) 17cm 20cm 3.0m 5.0m Mature 15-40yrs On Site Exotic Dominant	Opuntia stricta (Prickly Pear) Mature 15-40yrs On Site Noxious Weed - 4
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Casuarina glauca (Swamp Oak) 44cm 50cm 9.0m 8.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Dead Dead On Site 0 Dead	Eucalyptus tereticornis (Forest Red Gum) 50cm 55cm 13.0m 8.0m Young 40+yrs On Site Indigenous Dominant 3 Average/Low DW	Photinia robusta (Photinia) 17cm 20cm 3.0m 5.0m Mature 15-40yrs On Site Exotic Dominant 3 Average/Low	Opuntia stricta (Prickly Pear) Mature 15-40yrs On Site Noxious Weed - 4 3 Average/Low

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Tree no.	176	177	178	179	180
Species	Photinia robusta (Photinia)	Acacia decurrens (Black Wattle)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)
DBH	17cm	17cm	17cm	17cm	17cm
DGL	20cm	40cm	20cm	20cm	20cm
Height	3.0m	6.0m	7.0m	7.0m	7.0m
Canopy	5.0m	10.0m	2.0m	2.0m	2.0m
Age	Mature	Semi Mature	Young	Young	Young
Life Expect.	15-40yrs	<5yrs	15-40yrs	15-40yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Exotic	Indigenous	Indigenous	Indigenous	Indigenous
Crown Class	Dominant	Codominant	Codominant	Codominant	Codominant
Crown Cond.	3 Average/Low	1 Severe Decline	3 Average/Low	3 Average/Low	3 Average/Low
Health & Cond.		DL			
TreeAZ	Z1	Z3	Α	Α	Α
TPO Protected	Yes	Yes	Yes	Yes	Yes
TPZ	2.0m	2.0m	2.0m	2.0m	2.0m
Tree no.	181	182	183	184	185
Species	Casuarina glauca	Casuarina glauca (Swamp	Casuarina glauca (Swamp	Pinus radiata	Casuarina glauca
- 6-0-0-0	(Swamp Oak)	Oak)	Oak)	(Monterey Pine)	(Swamp Oak)
DBH	(Swamp Oak)			40cm	(Swamp Oak) 42cm
-	, ,	Oak)	Oak)	, , ,	
DBH	17cm	Oak) 30cm	Oak) 17cm	40cm	42cm
DBH DGL	17cm 20cm	Oak) 30cm 45cm	Oak) 17cm 20cm	40cm 40cm	42cm 60cm
DBH DGL Height	17cm 20cm 7.0m	Oak) 30cm 45cm 11.0m	Oak) 17cm 20cm 7.0m	40cm 40cm 10.0m	42cm 60cm 8.0m
DBH DGL Height Canopy	17cm 20cm 7.0m 2.0m	Oak) 30cm 45cm 11.0m 4.0m	Oak) 17cm 20cm 7.0m 2.0m	40cm 40cm 10.0m 6.0m	42cm 60cm 8.0m 7.0m
DBH DGL Height Canopy Age	17cm 20cm 7.0m 2.0m Young	Oak) 30cm 45cm 11.0m 4.0m Semi Mature	Oak) 17cm 20cm 7.0m 2.0m Young	40cm 40cm 10.0m 6.0m Semi Mature	42cm 60cm 8.0m 7.0m Mature
DBH DGL Height Canopy Age Life Expect.	17cm 20cm 7.0m 2.0m Young 15-40yrs	Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs	Oak) 17cm 20cm 7.0m 2.0m Young 15-40yrs	40cm 40cm 10.0m 6.0m Semi Mature 15-40yrs	42cm 60cm 8.0m 7.0m Mature 15-40yrs
DBH DGL Height Canopy Age Life Expect. Location	17cm 20cm 7.0m 2.0m Young 15-40yrs On Site	Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site	Oak) 17cm 20cm 7.0m 2.0m Young 15-40yrs On Site	40cm 40cm 10.0m 6.0m Semi Mature 15-40yrs On Site	42cm 60cm 8.0m 7.0m Mature 15-40yrs On Site
DBH DGL Height Canopy Age Life Expect. Location Type	17cm 20cm 7.0m 2.0m Young 15-40yrs On Site Indigenous	Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site Indigenous	Oak) 17cm 20cm 7.0m 2.0m Young 15-40yrs On Site Indigenous	40cm 40cm 10.0m 6.0m Semi Mature 15-40yrs On Site Exotic	42cm 60cm 8.0m 7.0m Mature 15-40yrs On Site Indigenous
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	17cm 20cm 7.0m 2.0m Young 15-40yrs On Site Indigenous Codominant	Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Oak) 17cm 20cm 7.0m 2.0m Young 15-40yrs On Site Indigenous Codominant	40cm 40cm 10.0m 6.0m Semi Mature 15-40yrs On Site Exotic Dominant	42cm 60cm 8.0m 7.0m Mature 15-40yrs On Site Indigenous Dominant
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	17cm 20cm 7.0m 2.0m Young 15-40yrs On Site Indigenous Codominant	Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site Indigenous Codominant	Oak) 17cm 20cm 7.0m 2.0m Young 15-40yrs On Site Indigenous Codominant	40cm 40cm 10.0m 6.0m Semi Mature 15-40yrs On Site Exotic Dominant	42cm 60cm 8.0m 7.0m Mature 15-40yrs On Site Indigenous Dominant 3 Average/Low
DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	17cm 20cm 7.0m 2.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	Oak) 30cm 45cm 11.0m 4.0m Semi Mature 15-40yrs On Site Indigenous Codominant 3 Average/Low	Oak) 17cm 20cm 7.0m 2.0m Young 15-40yrs On Site Indigenous Codominant 3 Average/Low	40cm 40cm 10.0m 6.0m Semi Mature 15-40yrs On Site Exotic Dominant 3 Average/Low	42cm 60cm 8.0m 7.0m Mature 15-40yrs On Site Indigenous Dominant 3 Average/Low BI

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Tree no.	186	187	188	189	190	
Species	Acacia sp (Wattle) Pinus radiata (Monterey Pine)		Melaleuca bracteata (Revolution Green)	Callistemon viminalis (Weeping Bottlebrush)	Casuarina glauca (Swamp Oak)	
DBH	17cm	45cm	17cm	17cm	17cm	
DGL	20cm	50cm	20cm	20cm	20cm	
Height	2.0m	12.0m	3.0m	2.0m	5.0m	
Canopy	2.0m	6.0m	5.0m	2.0m	1.0m	
Age	Young	Semi Mature	Young	Young	Young	
Life Expect.	<5yrs	15-40yrs	<5yrs	15-40yrs	5-15yrs	
Location	On Site	On Site	On Site	On Site	On Site	
Туре	Indigenous	Exotic	Native	Native	Indigenous	
Crown Class	Supressed	Dominant	Codominant	Supressed	Codominant	
Crown Cond.	2 Decline	3 Average/Low	2 Decline	3 Average/Low	2 Decline	
Health & Cond.	DL	BI	DL			
TreeAZ	Z3	Α	Z3	Z8	Z1	
TPO Protected	No	Yes	Yes	No	Yes	
TPZ	2.0m	5.4m	2.0m	2.0m	2.0m	
Tree no.	191	192	193	194	195	
Species	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	Casuarina glauca (Swamp Oak)	
DBH	17cm	17cm	17cm	17cm	60cm	
DGL	20cm	20cm	20cm	20cm	60cm	
Height	5.0m	5.0m	5.0m	5.0m	11.0m	
Canopy	1.0m	1.0m	1.0m	1.0m	7.0m	
Age	Young	Young	Young	Young	Mature	
Life Expect.	5-15yrs	5-15yrs	5-15yrs	5-15yrs	15-40yrs	
Location	On Site	On Site	On Site	On Site	On Site	
Туре	Indigenous	Indigenous	Indigenous	Indigenous	Indigenous	
			Codominant	Codominant	Dominant	
Crown Class	Codominant	Codominant	Codominant	Codominant	Dominant	
Crown Class Crown Cond.	Codominant 2 Decline	Codominant 2 Decline	2 Decline	2 Decline	3 Average/Low	
Crown Cond.	2 Decline	2 Decline	2 Decline	2 Decline	3 Average/Low	
Crown Cond. Health & Cond.	2 Decline DL	2 Decline DL	2 Decline DL	2 Decline DL	3 Average/Low SI	

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Tree no.	196	197	198	199	200
Species	Ligustrum lucidium (Large Leaf Privet)	Dead	Melaleuca bracteata (Revolution Green)	Melaleuca sp (Paperbark)	Melaleuca bracteata (Revolution Green)
DBH	17cm		20cm	43cm	20cm
DGL	20cm		20cm	70cm	20cm
Height			6.0m	8.0m	6.0m
Canopy			5.0m	6.0m	5.0m
Age	Mature		Mature	Mature	Mature
Life Expect.	15-40yrs	Dead	5-15yrs	15-40yrs	5-15yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Noxious Weed - 4		Native	Indigenous	Native
Crown Class			Codominant	Codominant	Codominant
Crown Cond.	3 Average/Low	0 Dead	3 Average/Low	3 Average/Low	3 Average/Low
Health & Cond.					
TreeAZ	Z2	Z	Α	Α	Α
TPO Protected	No	No	Yes	Yes	Yes
TPZ	2.0m		2.4m	5.2m	2.4m
Tree no.	201	202	203	204	205
Tree no. Species	201 Callistemon viminalis (Weeping Bottlebrush)	Ligustrum lucidium (Large Leaf Privet)	203 Callistemon viminalis (Weeping Bottlebrush)	Ligustrum lucidium (Large Leaf Privet)	Ligustrum lucidium (Large Leaf Privet)
	Callistemon viminalis (Weeping	Ligustrum lucidium (Large	Callistemon viminalis (Weeping	Ligustrum lucidium	Ligustrum lucidium (Large Leaf
Species	Callistemon viminalis (Weeping Bottlebrush)	Ligustrum lucidium (Large Leaf Privet)	Callistemon viminalis (Weeping Bottlebrush)	Ligustrum lucidium (Large Leaf Privet)	Ligustrum lucidium (Large Leaf Privet)
Species DBH	Callistemon viminalis (Weeping Bottlebrush)	Ligustrum lucidium (Large Leaf Privet) 17cm	Callistemon viminalis (Weeping Bottlebrush)	Ligustrum lucidium (Large Leaf Privet)	Ligustrum lucidium (Large Leaf Privet) 17cm
Species DBH DGL	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm	Ligustrum lucidium (Large Leaf Privet) 17cm	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm	Ligustrum lucidium (Large Leaf Privet)	Ligustrum lucidium (Large Leaf Privet) 17cm
Species DBH DGL Height	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm	Ligustrum lucidium (Large Leaf Privet) 17cm	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm	Ligustrum lucidium (Large Leaf Privet)	Ligustrum lucidium (Large Leaf Privet) 17cm
Species DBH DGL Height Canopy	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm
Species DBH DGL Height Canopy Age	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm
Species DBH DGL Height Canopy Age Life Expect. Location Type	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs
Species DBH DGL Height Canopy Age Life Expect. Location	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed -	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed
Species DBH DGL Height Canopy Age Life Expect. Location Type	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed -	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native Codominant	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed - 4	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native Codominant	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed - 4	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed - 4 3 Average/Low
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native Codominant	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed - 4	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native Codominant	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed - 4	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed - 4
Species DBH DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native Codominant 3 Average/Low	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed - 4 3 Average/Low	Callistemon viminalis (Weeping Bottlebrush) 17cm 20cm 2.5m Young 5-15yrs On Site Native Codominant 3 Average/Low	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed - 4 3 Average/Low	Ligustrum lucidium (Large Leaf Privet) 17cm 20cm Mature 15-40yrs On Site Noxious Weed - 4 3 Average/Low

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Tree no.	206	207	208	209	210	
Species	Ligustrum lucidium (Large Leaf Privet)	Callistemon viminalis viminalis (Weeping (Weeping Bottlebrush) Bottlebrush)		Ligustrum lucidium (Large Leaf Privet)	Melaleuca sp (Paperbark)	
DBH	17cm	17cm	17cm 17cm		34cm	
DGL	20cm	20cm	20cm	20cm	30cm	
Height		2.5m	2.5m		5.0m	
Canopy					3.0m	
Age	Mature	Young	Young	Mature	Semi Mature	
Life Expect.	15-40yrs	5-15yrs	5-15yrs	15-40yrs	15-40yrs	
Location	On Site	On Site	On Site	On Site	On Site	
Туре	Noxious Weed - 4	Native	Native	Noxious Weed - 4	Indigenous	
Crown Class		Codominant	Codominant		Supressed	
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low	
Health & Cond.						
TreeAZ	Z2	Z8	Z8	Z8	Z8	
TPO Protected	No	No	No	No	Yes	
TPZ	2.0m	2.0m	2.0m	2.0m	4.1m	
Tree no.	211	212	213	214	215	
Species	Melaleuca sp (Paperbark)	Malus sp (Apple)	Triadica sebifera (Chinese Tallow Tree)	Triadica sebifera (Chinese Tallow Tree)	Triadica sebifera (Chinese Tallow Tree)	
DBH	34cm	17cm	17cm	17cm	17cm	
DGL	30cm	20cm	20cm	20cm	20cm	
Height	5.0m	2.5m	3.0m	3.0m	3.0m	
Canopy	3.0m	2.0m	2.0m	2.0m	2.0m	
Age	Semi Mature	Young	Young	Young	Young	
Life Expect.	15-40yrs	5-15yrs	15-40yrs	15-40yrs	15-40yrs	
Location	On Site	On Site	On Site	On Site	On Site	
Туре	Indigenous	Exotic	Exotic	Exotic	Exotic	
Crown Class	Supressed	Codominant	Codominant	Codominant	Codominant	
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low	3 Average/Low	
Health & Cond.						
TreeAZ	Z8	Z1	Z1	Z1	Z1	
TPO Protected	Yes	Yes	No	No	No	
TPZ	4.1m	2.0m	2.0m	2.0m	2.0m	

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Tree no.	216	217	218	219	220
Species	Ligustrum lucidium (Large Leaf Privet)	Eriobotrya japonica (Loquat)	Malus sp (Apple)	Malus sp (Apple)	Morus sp (Mulberry)
DBH	17cm	17cm	17cm	40cm	40cm
DGL	20cm	20cm	20cm	50cm	50cm
Height		3.0m	4.0m	6.0m	6.0m
Canopy		3.0m	3.0m	6.0m	6.0m
Age	Mature	Mature	Mature	Mature	Mature
Life Expect.	15-40yrs	15-40yrs	<5yrs	15-40yrs	15-40yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Noxious Weed - 4	Exotic	Exotic	Exotic	Exotic
Crown Class		Dominant	Codominant	Dominant	Dominant
Crown Cond.	3 Average/Low	4 Good	2 Decline	3 Average/Low	3 Average/Low
Health & Cond.			DL		
TreeAZ	Z2	Z1	Z1	А	A
TPO Protected	No	No	Yes	Yes	Yes
TPZ	2.0m	2.0m	2.0m	4.8m	4.8m
Tree no.	221	222	223	224	225
Species	Ligustrum lucidium (Large Leaf Privet)	Eucalyptus moluccana (Grey Box)	could not locate	Callistemon citrinus (Lemon- scented Bottlebrush)	Callistemon viminalis (Weeping Bottlebrush)
DBH	17cm	70cm		17cm	35cm
DBH DGL	17cm 20cm	70cm 70cm		17cm 25cm	35cm 50cm
DGL		70cm		25cm	50cm
DGL Height		70cm 16.0m		25cm 4.0m	50cm 6.0m
DGL Height Canopy	20cm	70cm 16.0m 12.0m		25cm 4.0m 4.0m	50cm 6.0m 8.0m
DGL Height Canopy Age	20cm Mature	70cm 16.0m 12.0m Mature		25cm 4.0m 4.0m Mature	50cm 6.0m 8.0m Mature
DGL Height Canopy Age Life Expect.	20cm Mature 15-40yrs	70cm 16.0m 12.0m Mature 5-15yrs		25cm 4.0m 4.0m Mature 15-40yrs	50cm 6.0m 8.0m Mature 15-40yrs
DGL Height Canopy Age Life Expect. Location	20cm Mature 15-40yrs On Site	70cm 16.0m 12.0m Mature 5-15yrs Adjoining Indigenous Codominant		25cm 4.0m 4.0m Mature 15-40yrs On Site	50cm 6.0m 8.0m Mature 15-40yrs On Site
DGL Height Canopy Age Life Expect. Location Type	20cm Mature 15-40yrs On Site	70cm 16.0m 12.0m Mature 5-15yrs Adjoining Indigenous		25cm 4.0m 4.0m Mature 15-40yrs On Site Native	50cm 6.0m 8.0m Mature 15-40yrs On Site Native
DGL Height Canopy Age Life Expect. Location Type Crown Class	20cm Mature 15-40yrs On Site Noxious Weed - 4	70cm 16.0m 12.0m Mature 5-15yrs Adjoining Indigenous Codominant 1 Severe		25cm 4.0m 4.0m Mature 15-40yrs On Site Native Codominant	50cm 6.0m 8.0m Mature 15-40yrs On Site Native Dominant
DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond.	20cm Mature 15-40yrs On Site Noxious Weed - 4	70cm 16.0m 12.0m Mature 5-15yrs Adjoining Indigenous Codominant 1 Severe Decline		25cm 4.0m 4.0m Mature 15-40yrs On Site Native Codominant	50cm 6.0m 8.0m Mature 15-40yrs On Site Native Dominant 4 Good
DGL Height Canopy Age Life Expect. Location Type Crown Class Crown Cond. Health & Cond.	20cm Mature 15-40yrs On Site Noxious Weed - 4 3 Average/Low	70cm 16.0m 12.0m Mature 5-15yrs Adjoining Indigenous Codominant 1 Severe Decline DL DW		25cm 4.0m 4.0m Mature 15-40yrs On Site Native Codominant 3 Average/Low	50cm 6.0m 8.0m Mature 15-40yrs On Site Native Dominant 4 Good LN

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Tree no.	226	227	228	229	230
Species	Callistemon salignus (Willow Bottlebrush)	Callistemon viminalis (Weeping Bottlebrush)	Callistemon viminalis (Weeping Bottlebrush)	Casuarina glauca (Swamp Oak)	Callistemon viminalis (Weeping Bottlebrush)
DBH	40cm	17cm	17cm	20cm	17cm
DGL	50cm	20cm	20cm	30cm	20cm
Height	6.0m	2.5m	2.5m	9.0m	4.0m
Canopy	4.0m			2.0m	4.0m
Age	Mature	Young	Young	Young	Semi Mature
Life Expect.	15-40yrs	5-15yrs	5-15yrs	5-15yrs	5-15yrs
Location	On Site	On Site	On Site	On Site	On Site
Туре	Native	Native	Native	Indigenous	Native
Crown Class	Dominant	Codominant	Codominant	Codominant	Supressed
Crown Cond.	3 Average/Low	3 Average/Low	3 Average/Low	2 Decline	3 Average/Low
Health & Cond.				TW DL	
TreeAZ	Α	Α	Α	Z4	Z1
TPO Protected	Yes	No	No	Yes	Yes
TPZ	4.8m	2.0m	2.0m	2.4m	2.0m

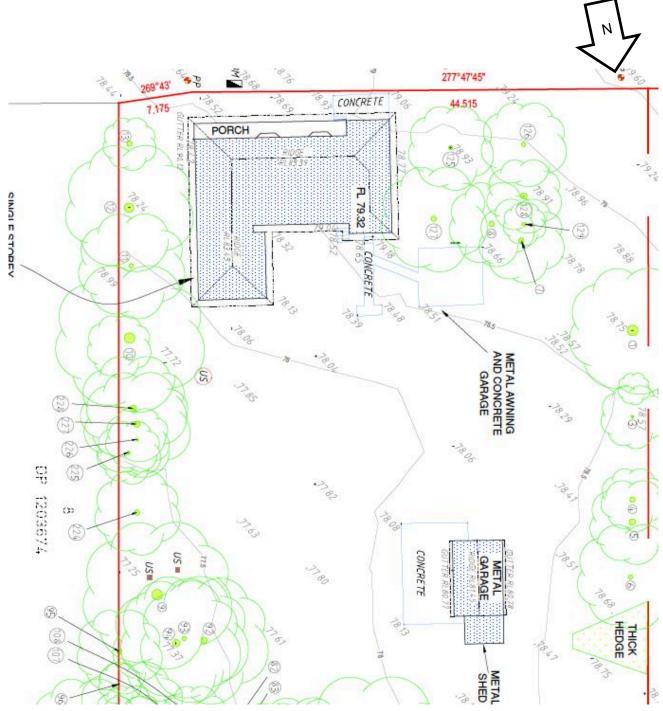
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Appendix B - Tree Schedule Definitions

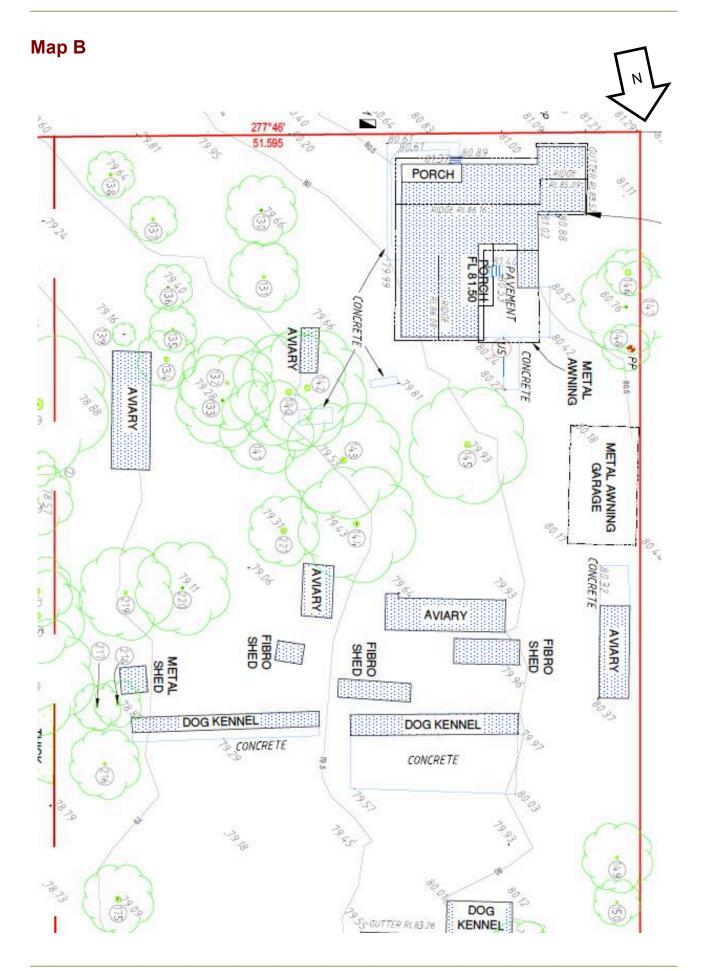
	Diamete	r at breast heigh	t (1.4m) (mm) DB	BH		
Dimensions		r at ground level	, , , ,			
	Approximate height x canopy spread (m) H x C					
Ago Closo	Sapling		Young		Semi mature	
Age Class	Mature		Over mature		Senescent	
Life	>5 years		5-15 years		15-40 years	40+ years
Expectancy	-5 years	1	, and the second		,	_
	Dominar	•			eneral canopy; not restric	
	Co-domi	nant		e bulk of	f the general canopy but o	rowded by other
			trees.			
Crown Class	Intermed	liate		into don	ninant/ co dominant canop	by but quite crowded
		_	on all sides.			
	Suppres	sed	Crown development restricted from overgrowing trees.			
	Dead		Dead Tree			
	1 Severe		<20% canopy density; major dead wood			
Crown	2 Declini	3	20-60% canopy density; twig and branch dieback			
Condition /	1 ~	je / low vigour	60-90% canopy density; twig dieback			
Vitality	4 Good		90-100% canopy density; little or no dieback or other problems			
	5 Excelle			lensity; r	o deadwood or other prol	olems
Location		g - Nature Strip	On Site	_	Adjoining Property	
	BI	Branch Inclusi		PE	Pruning Events	
	BW	Branch Wound	-	PF	Previous Failures	
	CDI	Codominant T	runk Inclusion	SI	Scaffold Inclusion	
Health &	CDTR	Codominant T	runk Removal	SBW	Scaffold Branch Wound	
Condition	CK	Canker		Term	Termite Evidence	
- C.IMILIOII	DL	Decline		TFC	Termite Flight Cuts	
	DW	Deadwood		TMB	Termite Mound at Base	
	EP	Epicormic Gro	wth	TMT	Termite Mud Tracks	
	KI	Kino		WS	Watersprouts	

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Appendix C - Tree Numbering Map A



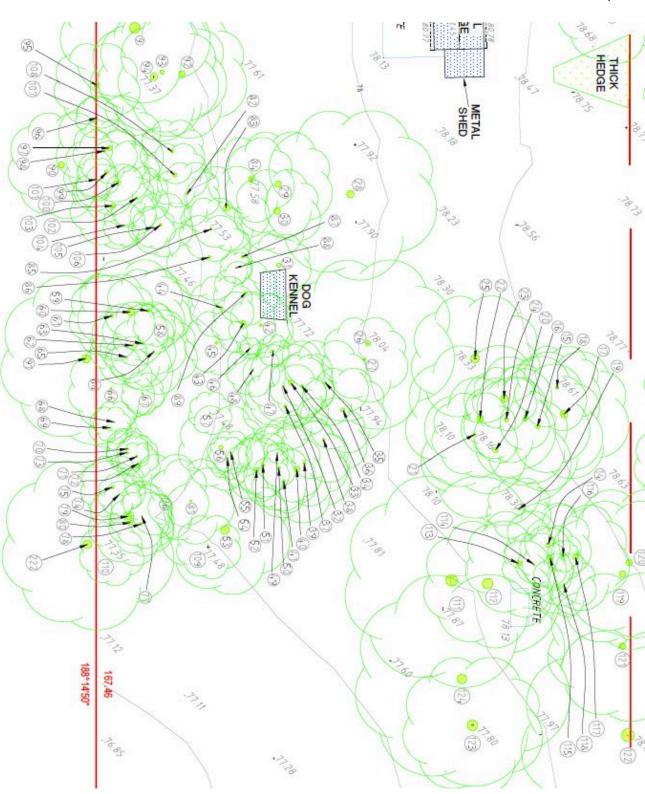
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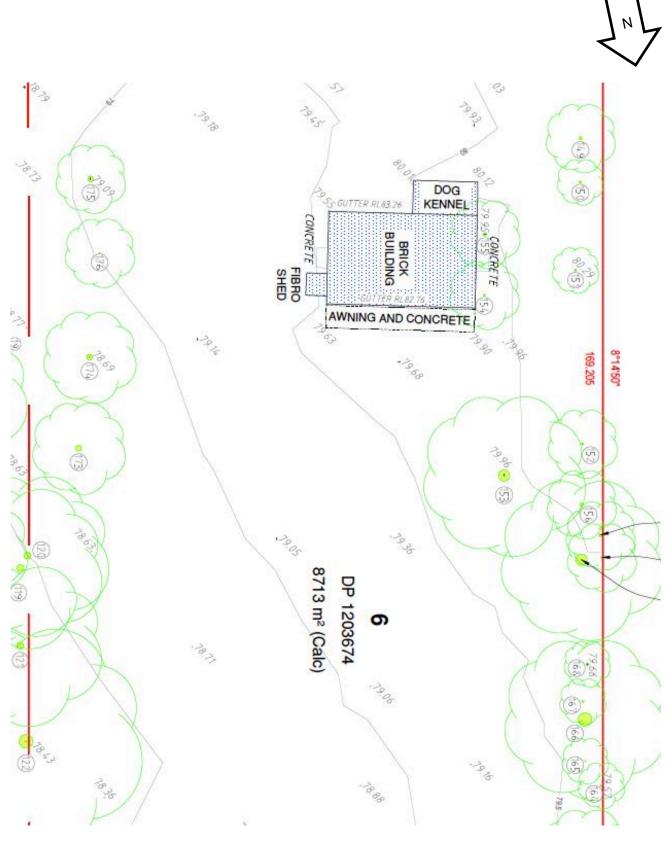
Map C





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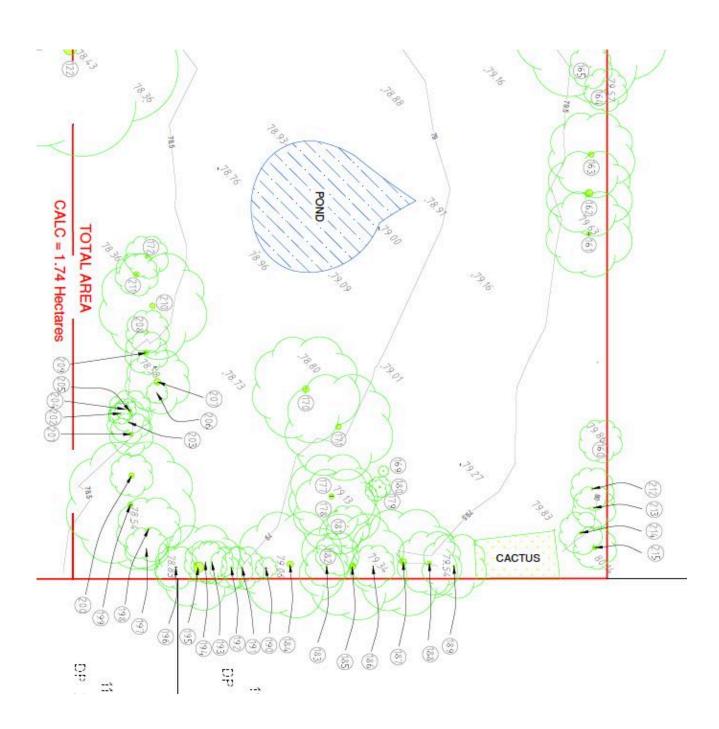
Map D



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Map E





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Appendix D - Photographs

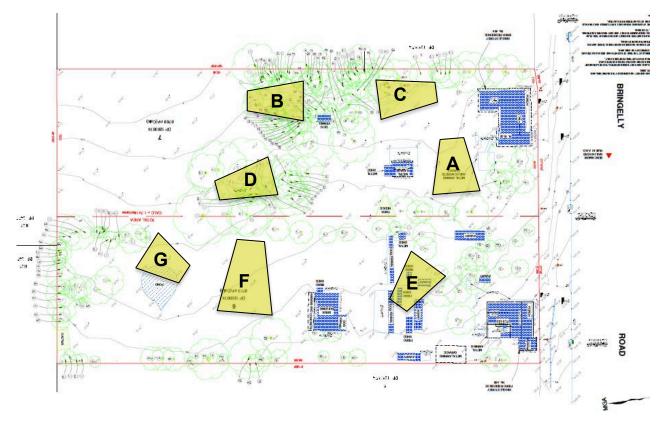


Figure 3 Photogrpah veiws



Figure 4. View 'A'

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Figure 5. View 'B'



Figure 6. View 'C'

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Figure 7. View 'D'



Figure 8. View 'E'

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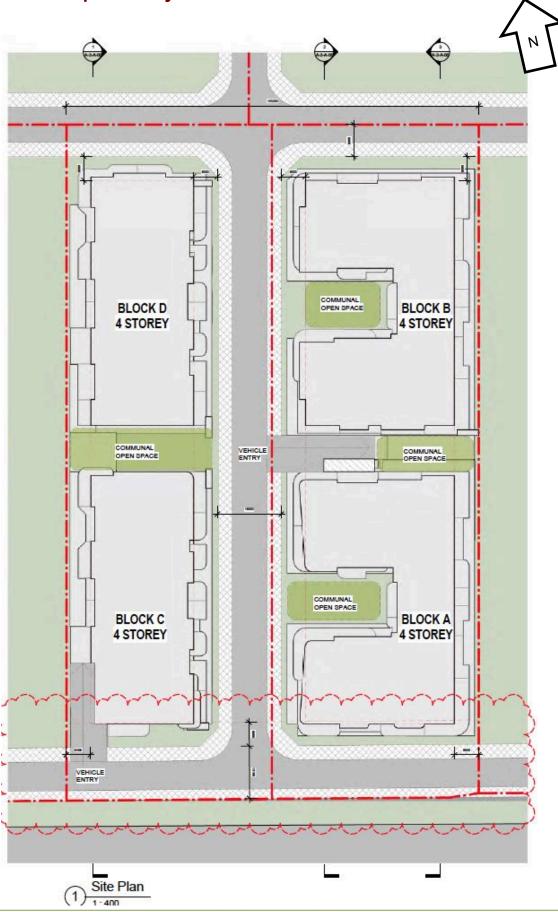
Figure 9. View 'F'



Figure 10. View 'G'

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Appendix E - Proposed Layout



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Appendix F - Glossary

Shigo, A.L. (1986) A New Tree Biology Dictionary.

*Docktor, D (2001) City of Palo Alto, Tree Technical Manual.

Dl.d	All tissue outside the vascular cambium. Bark is usually divided into inner bark active				
Bark*	phloem and aging and dead crushed phloem.				
Basal	Lower trunk area of the tree.				
Branch*	Organ which supports leaves, flowers and fruit.				
	Trunk tissue that forms around the base of a branch between the main stem and the				
Branch collar*	branch wood and trunk wood to meet. Formed by compaction or expansion as the girth				
	of the branch and trunk increase.				
Canopy	The part of the crown composed of the leaves and small twigs.				
Cavity	An open wound, characterized by the presence of decay and resulting in a hollow				
Currey	(Matheny & Clarke, 1994).				
Co dominant stems*	Stems or trunks of about the same size originating from the same position from the				
	main stem.				
Compaction	Compaction of soils causes roots to die due to lack of oxygen and water.				
Compartmentalization*	Dynamic tree defense process involving protection features that resist the spread of				
	pathogens.				
Crown*	Portion of the tree consisting of branches and leaves and any part of the trunk from				
	which branches arise.				
Decay*	Degeneration and delignification of plant tissue, including wood, by pathogens or micro				
	organisms.				
Decline	Degeneration and delignification of plant tissue, including wood, by pathogens or micro				
	organisms. Dieback is the reduction in the dynamic mass of a tree as twigs and branches die and				
Dieback	are walled off by protection boundaries.				
	Shoots produced by dormant buds within the bark or stems of a tree as a result of				
Epicormic shoots*	stress, lopping or increase light. Epicormic shoots usually have a weaker form of branch				
Epiconinio chicoto	attachment.				
	Hollows from when wood-digesting micro-organisms digest wood within the boundaries				
Hollows	set by the reaction zone or the barrier zone.				
Included bark*	Inwardly formed bark at the junction of branches or codominant stems.				
	A dark red to brown resin-like substance produced by the trees in the genera				
Kino	Eucalyptus and other related genera. Kino forms when living cells are injured and				
	infected.				
Lopping*	Random cutting of branches or stems between branch union or at internodes on young				
Lopping	trees.				
	A symbiotic, non pathogenic, or weakly pathogenic association of fungi and non woody,				
Mycorrhiza	absorbing roots of plants. The common belief is that the mycorrhiza help the tree with				
	mineral absorption, especially phosphorus.				
Microorganisms	An organism of microscopic size. Bacteria, the tree pathogens, may be as small as 3				
	microns wide by 5 microns long.				
Pathogen	Any agent that causes disease.				
Photosynthesis	A process where chlorophyll in plants traps the energy of the sun in a molecule of				
11, 1131	carbon dioxide and water that is called sugar.				
Roots	An organ of a tree that serves to maintain mechanical support, to provide water and				
	essential elements from the soil through absorption, and to store energy reserves.				
Stem*	Organ which supports branches, leaves flowers and fruit.				
Tree*	Long lived woody perennial plant greater than (or potentially greater than) 3m in height				
T	with one or relatively few stems.				
Trunk*	The main stem.				
Wound*	An opening that is created when the bark is cut, removed or injured.				

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Appendix G - TreeAZ (Barrell 2016)

TreeA7 field sheet

<u>Heritage:</u> Each tree is assessed by a visual check. If it is a designated heritage tree, then it is automatically categorized as AA, and is not subjected to any of the category ZZ, Z or A considerations.

<u>Category ZZ (unsuitable for retention):</u> Any remaining trees that are severely compromised and unsuitable for retention, even short term, are categorized as ZZ, i.e. Dead; irreversibly declining health; irremediable structural conditions; or, causing severe inconvenience to people or structural damage.

<u>Category Z (low quality):</u> Any remaining trees are systematically reviewed to decide if they fit into any of the four Z subcategory groups listed in the table below.

Category A (moderate quality): Any remaining trees are automatically category A, with the possibility of being promoted to category AA.

<u>Category AA (high quality):</u> If a category A tree is already Large, or has the potential to become so with limited intervention, it can be promoted to category AA, at the discretion of the assessor.

		Category Z: Low quality trees not worthy of being material constraint				
		al policy exemptions: Trees that are unsuitable for legal protection for local policy reasons including size, proximity and				
	spec	cies				
	1	Size: Young or insignificant small trees, e.g. below the local size threshold for legal protection, etc				
	2	Proximity, hedge or species: Exempt from legal protection because of proximity to structures, a maintained hedge or				
	_	unsuitable species, e.g. scheduled noxious weed, out of character in a setting of acknowledged importance, etc				
	Dete	eriorating health/condition: Trees that are likely to be removed within 10 years because of deteriorating health and/or				
	struc	etural condition				
	3	Health: Deteriorating health with little realistic prospect of recovery				
	4	Crown instability: Deteriorating structural conditions where an increasing risk of failure can be temporarily addressed				
	4	by reasonable intervention, e.g. storm damage, cavities, decay, included bark, wounds, excessive imbalance, etc				
	5	Root instability: Deteriorating whole tree stability through poor anchorage, increased exposure to weather, etc				
Z	Ong	Ongoing nuisance: Trees that are likely to be removed within 10 years because of unsuitable impact on people				
	6	Inconvenience: Ongoing and increasing inconvenience to residents to the extent that a locally recognised court or				
	•	tribunal would be likely to authorise removal, e.g. dominance, debris, interference, etc				
	7	Damage: Ongoing and increasing structural damage to property to the extent that a locally recognised court or tribunal				
	'	would be likely to authorise removal, e.g. worsening damage to surfacing and structures, etc				
	Goo	d management: Trees that are likely to be removed within 10 years through responsible management of the tree				
	рори	ulation				
	8	No future potential: Poor condition or location with no realistic potential for recovery or improvement, e.g. dominated				
	•	by adjacent trees or buildings, poor architectural framework, etc				
	9	Benefit nearby trees: Removal would benefit better adjacent trees, e.g. relieve physical interference, suppression, etc				
	10	Maintenance costs: Unacceptably high maintenance costs, e.g. structural conditions requiring high levels of regular				
	10	pruning, etc				

NOTE: Although Z trees are not worthy of influencing new designs, urgent removal is not essential and they could be retained in the short term, if appropriate

A All trees that are not categories ZZ or Z that can be retained with limited intervention

Categories A and AA: Moderate and high quality trees suitable for retention for more than 10 years, and worthy of being a material constraint

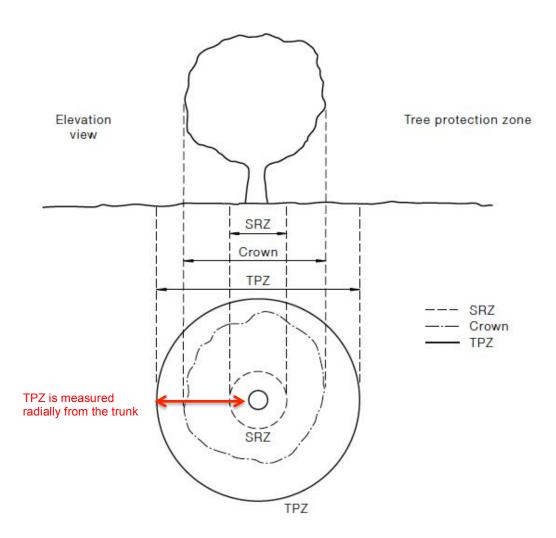
		· · · · · · · · · · · · · · · · · · ·				
NOTE:	NOTE: Category A trees that are already large, or have the potential to become so, with limited intervention, can be promoted to					
categor	category AA(1), at the discretion of the assessor. Designated heritage trees are automatically category AA(2). Although all category					
AA and	AA and A trees are sufficiently important to be material constraints, category AA trees are at the top of the categorization hierarchy					
and sho	and should be given the most weight in any selection process.					
	Single category A trees or small groups which, at the discretion of assessor, can be promoted to category AA be					
AA	1	they are already large, or have the potential to become large				
	2	Designated heritage tree				

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Appendix H - Tree Protection Zones AS4970-2009

Protection of Trees On Development Sites



TREE PROTECTION ZONE (TPZ)

The tree protection zone (TPZ) is the principal means of protecting trees on development sites. The TPZ is a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance, so that the tree remains viable.

The TPZ incorporates the structural root zone (SRZ) (refer to Clause 3.3.5).

DETERMINING THE TPZ

The **radius** of the TPZ is calculated for each tree by multiplying its DBH × 12.

TPZ = DBH×12

where

DBH = trunk diameter measured at 1.4 m above ground

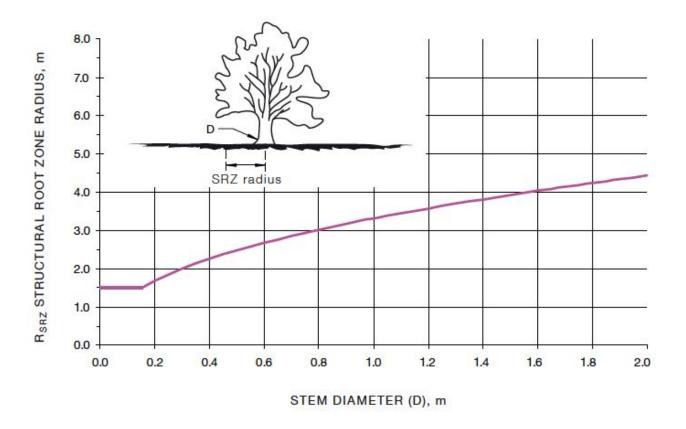
Radius is measured from the centre of the stem at ground level.

A TPZ should not be less than 2 m nor greater than 15 m (except where crown protection is required). Clause 3.3 covers variations to the TPZ.

The TPZ of palms, other monocots, cycads and tree ferns should not be less than 1 m outside the crown projection.

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Appendix I - Structural Root Zones AS4970-2009 (amdt 2010)



The curve can be expressed by the following formula: $R_{SRZ} = (D \times 50)^{0.42} \times 0.64$

NOTES:

- 1 R_{SRZ} is the calculated structural root zone radius (SRZ radius).
- 2 D is the stem diameter measured immediately above root buttress.
- 3 The R_{SRZ} for trees less than 0.15 m diameter is 1.5 m.
- 4 The R_{SRZ} formula and graph do not apply to palms, other monocots, cycads and tree ferns.
- 5 This does not apply to trees with an asymmetrical root plate.

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Appendix J - Qualifications & Experience

Australis Tree Management

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	Advanced Certificate in Urban Horticulture, 1999					
Ovelifications	Horticulture Diploma (Arboriculture), Level 5 - 2002, 2015					
Qualifications:	Collecting Catchment Data 2010					
	Quantified Tree Risk Assessment 2011, 2014					
ISA Tree Risk Assessment Qualification (TRAQ) 2015						
	Australis Tree Management, Consulting Arborist (Owner/Operator) Jan 2000					
Practical	Silver Springs Nursery (Owner/Operator) Feb 1997					
experience:	Neil Clayton Lawns & Gardens (Horticulturist) Mar 1998 – Apr 2001					
	Davidson's Nurseries Pty Ltd (Horticulturist) Feb 1996 – Mar 1998					
	Arboricultural Association					
	Arboriculture Australia					
Memberships	Australian Institute of Horticulture					
and affiliations:	International Society of Arboriculture					
	Quantified Tree Risk Assessment Registered User					
	Burrendong Botanic Garden & Arboretum					
	Professional Indemnity Insurance					
	Liberty International Underwriters					
	\$5,000,000.00					
Insurance	Policy No. HC-ME-SPC-01-104260					
inourumos	Public Liability Insurance					
	Liberty International Underwriters					
	\$20,000,000.00					

Meredith Gibbs

Pro Bono Work	Middle Dural Public School
	NAAA Conference, Mature Trees, 2001.
Claus Mattheck Seminar 2001.	

Policy No. 463763

ISAAC Conferences - Parramatta 2004, Brisbane 2008, Newcastle 2009, Adelaide 2010 AILA Tree Management Forum 2005.

Jeremy Barrell Tree AZ & Report Writing Workshop 2006

Continuing professional development:

A Practitioner's Guide to Visual Tree Assessment – Mike Ellison 2007 Quantified Tree Risk Assessment Workshop – Mike Ellison 2007

ISAAC Conference Workshop Dr. David Lonsdale 2008 ISAAC Conference Workshop Dr. Phillip Gibbons 2008

ISA International Conference Parramatta 2011

ISA International Conference Workshop Dr. Ken James 2011

Arboriculture Australia Annual Conference

- Sunshine Coast 2014, Adelaide 2015, Canberra 2017 Jeremy Barrell Arboriculture Australia 2 day Workshop 2017











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Appendix K - References

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