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# **IRONBARK**

## **Environmental Arboriculture**

Swale Drain

**Arboricultural Impact Assessment** 

Lilydale Waste to Energy Facility

Coldstream VIC 3770

Prepared by

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Cert III Arboriculture Diploma Arboriculture

Commissioned by

Jacobs

19 September 2024

Revision A





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Version Title	Action	Staff	Date
Lilydale – Waste to Energy Facility – V1	Prepared	PD	27/08/2024
Lilydale – Waste to Energy Facility – V2	Reviewed	GH	27/08/2024
Lilydale - Waste to Energy Facility - FINAL	Checked	SK	27/08/2024
Lilydale - Waste to Energy Facility - Rev A	Prepared	SC	19/09/2024

### Introduction

Jacobs have commissioned Ironbark Environmental Arboriculture (IEA) to provide an arboricultural impact assessment for trees potentially impacted by the proposed access road and swale drain, as part of the Yarra Valley Water waste to energy facility.

This report contains the following information:

Arboricultural Impact Assessment prepared with reference to AS 4970-2009
 Protection of Trees on Development Sites

On the 27<sup>th</sup> of April 2022, IEA collected data for ninety-seven (97) trees along the southern boundary of the subject site and adjacent road reserve and ten (10) additional trees were collected on the 22<sup>nd</sup> June 2022. Seventy-eight (78) trees were collected on the 3<sup>rd</sup> November 2022 at the western area of the subject site.

On the 7<sup>th</sup> of August 2024, Peter Bourke of IEA collected data for forty-eight (48) additional trees, where the proposed access road and swale drain is to be constructed.

Arboricultural impacts are assessed with reference to the following documents:

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• YVW Lilydale Wte Deloretan, School and Draining Site Layout Plan – Sheet 2-3, Revision C Spiire 15004/2024). Spiire 15004/2024. Spiire 15004/2024.

This report focuses on trees potentially impacted by the proposed swale drain along the access road as well as the construction of an pridge over the creek. Seventy-two (72) trees were assessed for this report.

Four (4) trees were re-collected and reassigned numbers in error.

Tree #3 was re-collected as #158

Tree #4 was re-collected as #155

Tree #5 was re-collected as #154

Tree #6 was re-collecred as #151

## **Existing Conditions**

The *subject site* is 535-537 Maroondah Hwy, Coldstream where an access road is to be constructed to link the waste to energy facility and Maroondah Hwy. This report is specific to trees along the southern boundary of the site where the road and swale drain is proposed to be constructed (Site Map). Subsequently, this area is referred to as the *assessment area*.

Within the assessment area, the vegetation site consists of planted and naturally occurring trees.

A creek runs north-south through the southern border of the property which crosses through the proposed access road.



## **Planning Context**

The site is within the Yarra Ranges Council and is zoned as *Green Wedge Zone* -Schedule 2 (GWZ2). The entire site falls under Significant Landscape Overlay - Schedule 2 (SLO2) which aims to:

"retain established trees and patches of indigenous vegetation as an important element of the rural landscape"

Subsequently, a permit is required to remove, destroy or lop native vegetation that naturally occurs in the Shire of the Yarra Ranges. This includes vegetation that has been planted using public funding for the enhancement of biodiversity values. A permit is also required for any work carried out within 4m of the base of a substantial tree. A substantial tree is defined as any tree with a trunk circumference greater than 1.1 metres (0.35 metre diameter) at a height of 1.3m above ground.

The creek site is covered by *Environmental Significance Overlay – Schedule 1* (ESO1). Pursuant to ESO1, a permit is required to carry out works within 30m of a waterway.

The subject site is greater than 4,000m<sup>2</sup>, therefore vegetation removal is subject to assessment against *Clause 52.17 Native Vegetation* (52.17).

The Department of Energy, Environment and Climate Action (DEECA formerly DELWP) current extent ecological vegetation class (EVC) mapping shows the assessment area to be Swampy Riparian Complex (EVC 126). The conservation status for EVC 126 in the Highlands – Southern Fall bioregion is endangered.





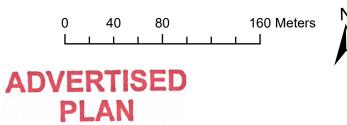


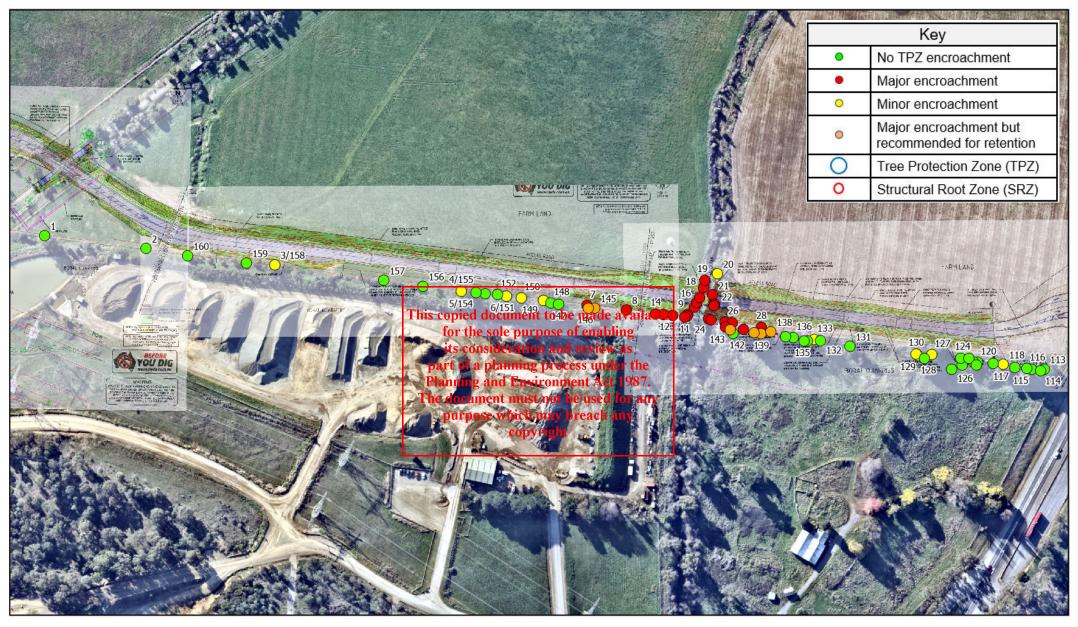
Site Overview Map

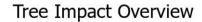
Projection: GDA 2020 / MGA Zone 55

Adapted from IEA GPS data and NearMaps image dated 12/08/2024









Projection: GDA 2020 / MGA Zone 55

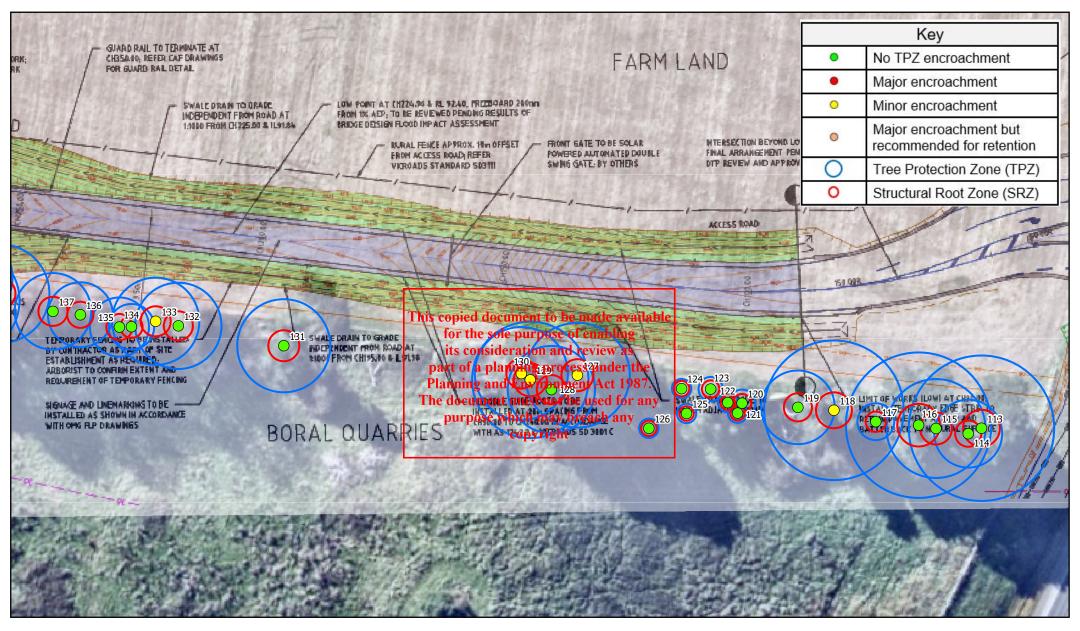
Adapted from IEA GPS data, YVW Lilydale Wte Delorean, Road and Drainage Site Layout Plan - Sheet 2, Yarra Ranges Shire Council Delorean, Sheet 2-3, Revision D (Spiire 19/04/24)





**PLAN** 



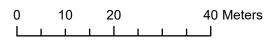


Tree Impact Map - #113-137

Projection: GDA 2020 / MGA Zone 55

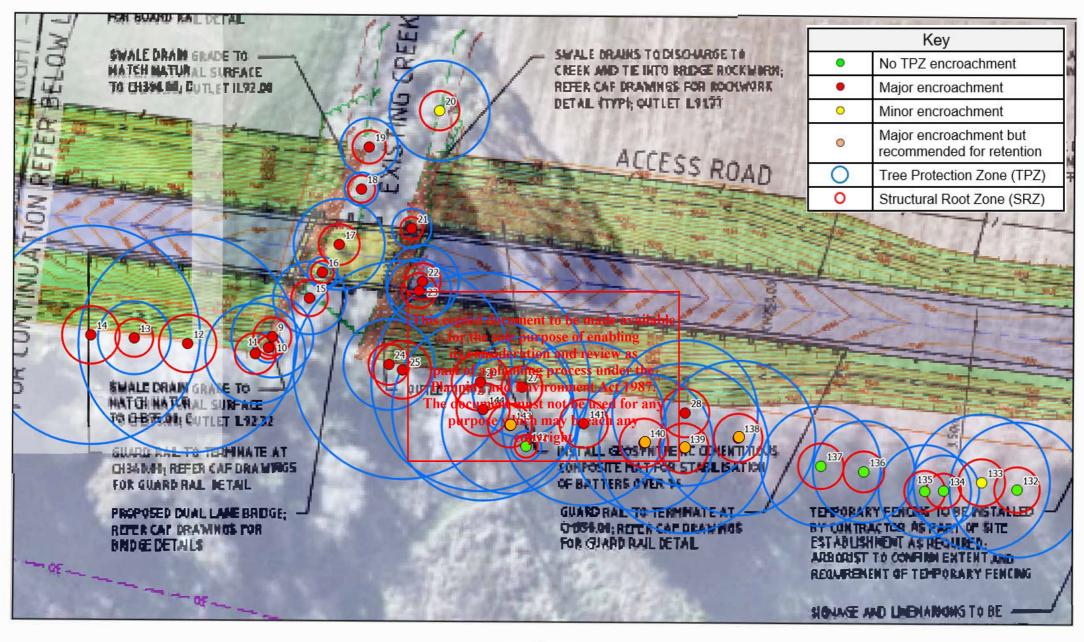
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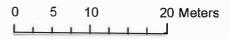


Tree Impact Map - #12-132

Projection: GDA 2020 / MGA Zone 55

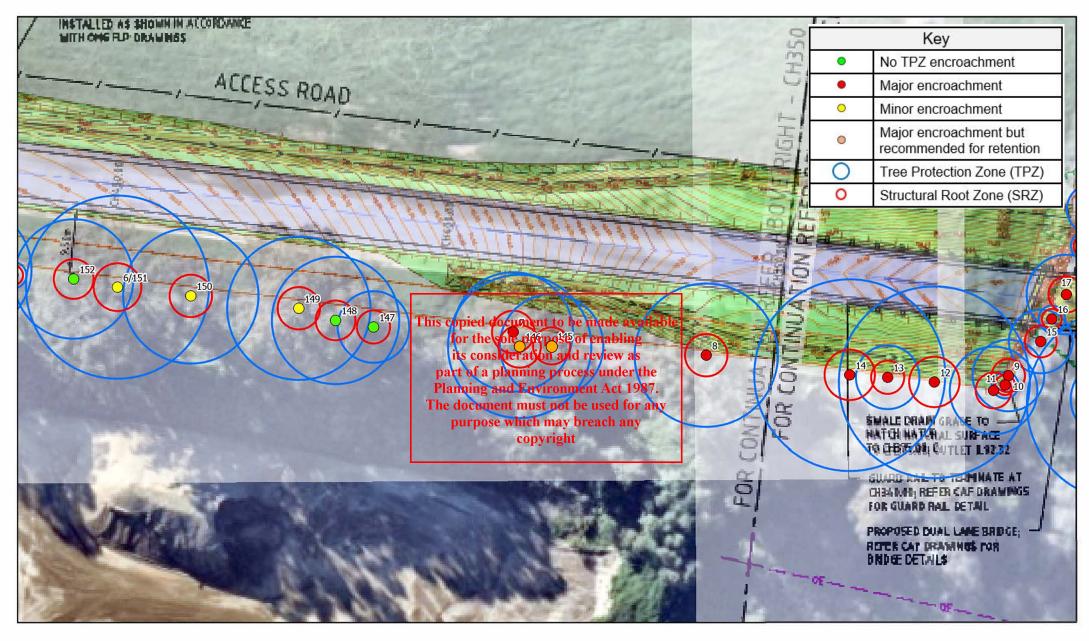
Adapted from IEA GPS data, YVW Lilydale Wte Delorean, Road and Drainage Site Layout Plan - Sheet 2, Yarra Ranges Shire Council Delorean, Sheet 2-3, Revision D (Spiire 19/04/24)







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Tree Impact Overview - #1-152

Projection: GDA 2020 / MGA Zone 55

Adapted from IEA GPS data, YVW Lilydale Wte Delorean, Road and Drainage Site Layout Plan - Sheet 2, Yarra Ranges Shire Council Delorean, Sheet 2-3, Revision D (Spiire 19/04/24)



0 5 10 20 Meters







Tree Impact Overview - #1-152

Projection: GDA 2020 / MGA Zone 55

Adapted from IEA GPS data, YVW Lilydale Wte Delorean, Road and Drainage Site Layout Plan - Sheet 2, Yarra Ranges Shire Council Delorean, Sheet 2-3, Revision D (Spiire 19/04/24)







## **Arboricultural Impact Assessment**

### Documents Reviewed:

• YVW Lilydale Wte Delorean, Road and Drainage Site Layout Plan – Sheet 2, Yarra Ranges Shire Council Delorean, Sheet 2-3, Revision D (Spiire 19/04/24)

Tree ID #	Tree Count	Proposed Impacts	AS 4970-2009 Encroachment Type	Arboricultural Impact Assessment
#1, 2, 5/154, 113-117, 119-126, 128, 131, 132, 134-137, 142, 147, 148, 152, 153, 156, 157, 159 and 160	32	None, existing conditions to be retained within TPZ	None	If tree protection measurements are implemented such as fencing and signage, these trees are likely to remain viable post-construction
#3/158, 4/155, 6/151, 20, 118, 127, 129, 130, 133, 149 and 150	11	Minor encroachment of 10% or less	Minor	Trees with a minor TPZ encroachment will remain viable post-construction if isolated from construction impacts with tree protection fencing and/or ground protection.
#7, 138-141 and 143-146	9	Major encroachment of >10%	Major	Trees with major TPZ encroachments are unlikely to remain viable post-construction.
#8-19 and 21-28	20	SRZ encroachment	Major	Trees with SRZ encroachments are unlikely to remain viable post-construction.



## Arboricultural Impact Assessment Summary

Retenti	on Value	Encroachment Type	Total
High		Major Encroachment	14
		Minor Encroachment	5
		No Encroachment	7
High To	tal		26
Medium		Major Encroachment	10
		Minor Encroachment	5
		No Encroachment	8
Medium	Total		23
Low		document to be made available Major Encroachment e sore purpose of enabling	5
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Grand T	otal		72

Count of Recommendation	Total
Major encroachment >10%	9
Minor encroachment < 10 %	11
SRZ Encroachment	20
No Encroachment	32
Grand Total	72



Tree ID#	Botanical Name	Origin	DBH (cm)	Enc Type	Enc %	Comments
<b>Minor Encre</b>	pachment					
#3/158	Acacia implexa	Indigenous	30	Minor	1%	With adequate tree protection, such as fencing and signage, tree is likely to remain viable
#4/155	Eucalyptus melliodora	Planted Victorian	115	Minor	6%	With adequate tree protection, such as fencing and signage, tree is likely to remain viable
#6/151	Eucalyptus melliodora	Planted Victorian	115	Minor	8%	With adequate tree protection, such as fencing and signage, tree is likely to remain viable
#20	Eucalyptus ovata	Indigenous	55	Minor	6%	With adequate tree protection, such as fencing and signage, tree is likely to remain viable
#118	Hesperocyparis macrocarpa	Exotic	120	Minor	1.50%	With adequate tree protection, such as fencing and signage, tree is likely to remain viable
#127	Hesperocyparis macrocarpa	Exotic	90	Minor	7%	With adequate tree protection, such as fencing and signage, tree is likely to remain viable
#129	Hesperocyparis macrocarpa	Exotic	100 fe	pied document Minor or the sole purp	to be mado ose of enal	avwilthedequate tree protection, such as fencing and signage, ling tree is likely to remain viable
#130	Hesperocyparis macrocarpa	Exotic	80 par	s consideration Minor t of a planning	and revie	v as With adequate tree protection, such as fencing and signage, der the tree is likely to remain viable
#133	Quercus palustris	Exotic	75 Plar	ning and Envi	ronment Ac	t 19 <b>%</b> /tth adequate tree protection, such as fencing and signage, for any tree is likely to remain viable
#149	Eucalyptus melliodora	Planted Victorian	90 <b>p</b>	urpos <sub>ki W</sub> hich r copyi	nay bygach	anyWith adequate tree protection, such as fencing and signage, tree is likely to remain viable
#150	Eucalyptus melliodora	Planted Victorian	85	Minor	1%	With adequate tree protection, such as fencing and signage, tree is likely to remain viable
<b>Major TPZ E</b>	Encroachment					
#7	Eucalyptus botryoides	Planted Victorian	75	Major	21%	Tree is unlikely to remain viable, removal recommended
#138	Quercus palustris	Exotic	85	Major	23%	Oaks are tolerant of root damage (Matheny & Clark 1998), recommended to prune roots in accordance with AS 4373-2007 <i>Pruning of Amenity Trees.</i> Tree is likely to remain viable
#139	Quercus palustris	Exotic	93	Major	22%	Oaks are tolerant of root damage (Matheny & Clark 1998), recommended to prune roots in accordance with AS 4373-2007 Pruning of Amenity Trees. Tree is likely to remain viable
#140	Quercus palustris	Exotic	76	Major	11%	Tree is likely to tolerate root damage, retention is recommended
#141	Hesperocyparis macrocarpa	Exotic	90	Major	24%	Tree is unlikely to remain viable, removal recommended



#143	Eucalyptus	Planted	75	Major	11%	Tree is likely to tolerate root damage, retention is recommended
	robusta	Australian	_	,		,
#144	Hesperocyparis macrocarpa	Exotic	100	Major	27%	Tree is unlikely to remain viable, removal recommended
#145	Eucalyptus sp.	Planted Victorian	65	Major	11%	Tree is likely to tolerate root damage, retention is recommended
#146	Eucalyptus botryoides	Planted Victorian	90	Major	15%	Tree is likely to tolerate root damage, retention is recommended
SRZ Encroa	chment					
#8	Eucalyptus botryoides	Planted Victorian	90	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#9	Acacia melanoxylon	Indigenous	45	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#10	Acacia melanoxylon	Indigenous	10	Major	SRZ	Tree s unlikely to remain viable, removal recommended
#11	Eucalyptus ovata	Indigenous				availtrete s unlikely to remain viable, removal recommended
#12	Cupressus sp.	Exotic				ling Tree s unlikely to remain viable, removal recommended
#13	Eucalyptus sp.	Indigenous	40 j	s considioration	an@R <del>Z</del> vie	v as Tree s unlikely to remain viable, removal recommended
#14	Cupressus sp.	Exotic	1 <mark>20 nar</mark>	of a Mainning	nrosRZune	ter theree is unlikely to remain viable, removal recommended
#15	Acacia sp.	Indigenous	40 Plan	ning MaipEnvi	ons84 Ac	t 1987ree s unlikely to remain viable, removal recommended
#16	Acacia melanoxylon	Indigenous		8		for antee s unlikely to remain viable, removal recommended
#17	Acacia sp.	Indigenous	50 P	Major	SRZ	Tree s unlikely to remain viable, removal recommended
#18	Eucalyptus ovata	Indigenous	18	Major	SRZ	Tree s unlikely to remain viable, removal recommended
#19	Eucalyptus ovata	Indigenous	25 <del>-20</del>	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#21	Eucalyptus ovata	Indigenous	10 11 10 12	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#22	Eucalyptus ovata	Indigenous	40	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#23	Eucalyptus ovata	Indigenous	35	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#24	Cupressus macrocarpa	Exotic	50	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#25	Cupressus macrocarpa	Exotic	120	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#26	Cupressus macrocarpa	Exotic	120	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#27	Eucalyptus botryoides	Planted Victorian	55	Major	SRZ	Tree is unlikely to remain viable, removal recommended
#28	Quercus palustris	Exotic	80	Major	SRZ	Tree is unlikely to remain viable, removal recommended







Projection: GDA 2020 / MGA Zone 55

Adapted from IEA GPS data, and NearMaps

image dated 12/08/2024







### Discussion

### **SLO2 Substantial Trees**

Pursuant to SLO2, a permit is required for any works carried out within 4m of the base of any substantial trees. Dead vegetation and weeds listed in the *Yarra Ranges Council – List of Environmental Weeds 2019* are exempted.

There are fifty-one (51) trees categorised as substantial trees within the assessment area.

• Trees #1, 2, 4/155, 5/154, 6/151, 7-9, 11-15, 17, 20, 22-28, 113-116, 118, 119, 127-141, 143-150 and 152

### **Native Vegetation**

A permit is required to remove, destroy or lop native vegetation that naturally occurs in the Shire of the Yarra Ranges.

Planted vegetation is generally not considered native, however there is an exemption for vegetation native to Victoria that has been purposely planted with public funding for biodiversity protection and enhancement.

The purpose of the planted vegetation within the assessment area is not known, therefore, following the precautionary principle of 52.17 planted vegetation native to Victoria within the assessment area should be considered native vegetation. Weeds and dead vegetation are expantly from this consideration and review as

There are fifteen (15) native trees within the assessment are indigenous to the area and likely to be maturally recourting:

• Trees #1-3/158, 9, 10, 11, 16, 18-22, 156, 159 and 160

There are nineteen (19) planted Victorian trees that are considered native vegetation according to the precautionary principle of 52.17:

Trees #4/155, 6/151, 7, 8, 27, 120-126, 146, 148-150, 152 and 153

#### Major Encroachments

Under the current design, twenty-nine (29) trees in the assessment area have a *major* encroachment.

A *major* encroachment is an encroachment of greater than 10% into the TPZ, or an encroachment into the SRZ.

Trees #7-19, 21-28, 138-141 and 143-144 have *major* encroachments. This includes fourteen (14) high retention value trees (trees #7, 8, 11-14, 24-28, 138-140)

Trees with major encroachments are unlikely to remain viable post-construction. Trees #140, 143, 145 and 146 have less significant encroachments and are likely to tolerate subsequent root damage. Retention of these four (4) trees is recommended.



Quercus palustris (Pin Oaks) are more tolerant of root damage (Matheny & Clark 1998) and therefore, it is recommended that trees #138 and 139 are pruned in accordance with AS 4373-2007 *Pruning of Amenity Trees* to aid their retention.

The remaining trees with major encroachments are unlikely to tolerate the expected root damage and are recommended for removal.

#### Minor Encroachments

Under the current design, eleven (11) trees in the assessment area have a *minor* encroachment.

A minor encroachment is an encroachment of less than 10% into the TPZ.

Trees #3/158, 4/155, 6/151, 20, 118, 127, 129, 130, 133, 149 and 150 have *minor* encroachments.

To reduce impacts of trees with minor encroachments, arborist supervision during the excavation for the proposed swale drain within the TPZs of the trees is recommended.

#### No Encroachments

Under the current design, thirty-two (32) trees in the assessment area have no encroachments.

Trees #1, 2, 5/154, 113-117, 119-126, 128, 131, 132, 134-137, 142, 147, 148, 152, 153, 154, 156, 157, 159 and 160.

To ensure these trees remain viable post-construction tree protection measures should be installed such as TPZ fencing and signage.

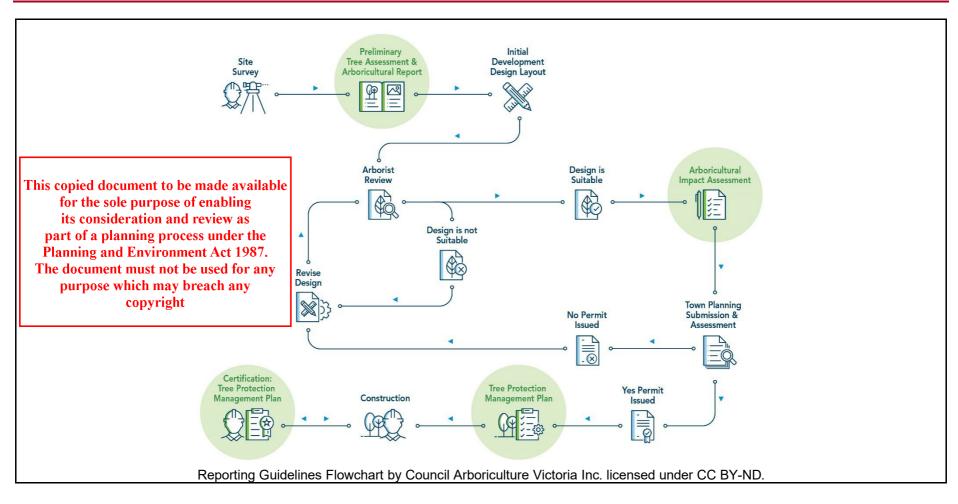
### Recommendations

- Prune trees #138 and #139 in accordance to AS 4373-2007 Pruning of Amenity Trees.
- Propose to remove trees recommended for removal and procure native vegetation offsets of the required type prior to the commencement of construction.
- Commission a tree protection management plan prior to the start of work that includes adequate tree protection fencing and signage to protect retained trees.



## **Appendices**

## Arboricultural Impact Assessment Reporting Guidelines Flowchart





## Tree Assessment Descriptors

Origin	
Indigenous	The species is characteristic of the current extent or pre-1750 ecological vegetation class (EVC) mapping for the assessment area.  The species is native to Victoria and occurs naturally in this location.
Native	The species is native to the state of Victoria.
Australian	The species is native to Australia but does not occur naturally within Victoria.
Exotic	The species does not naturally occur within Australia.

Health	
Good	The tree displays 71-100% live canopy mass and has near-optimal foliage characteristics in size, colour and density.
	The tree may have deadwood in the interior canopy.
	The tree may exhibit a low level of pest/pathogen infestation.
	It is expected that the tree will maintain its condition of health without intervention.
Fair	The tree displays 51-70% live canopy mass, and the foliage may be stunted or partly discoloured.
	The tree may display some dieback of the peripheral canopy.
	The tree may exhibit a medium-level pest/pathogen infestation.
	With intervention, it is expected that the tree will improve its condition of health
Poor	The tree displays < 50% live canopy mass and the foliage is completely discoloured, dying or both.
	The tree has extensive dieback of the peripheral canopy.
	The tree has extensive pest/pathogen infestation.
	The tree is unlikely to improve its condition of health even with intervention.
Dead	The tree has no live vascular tissue.





Structure	
Good	Tree has well-formed unions.
	there are no signs of decay in either the trunk and/or 1st order branches.
	The tree has good trunk and 1 <sup>st</sup> order branch taper and is displaying pronounced reactive wood growth, indicating it has adapted to its location
	tree may exhibit structural defects on either the 2 <sup>nd</sup> or 3 <sup>rd</sup> order branches or both.
	Structural defects can be remediated by pruning as per AS 4373-2007 Pruning of Amenity Trees
Fair	The tree may have included bark between unions but is not showing signs of cracking or splitting.
	The tree may have signs of decay in either the trunk, the 1 <sup>st</sup> order branches or both
	The tree may have a suboptimal taper in either the trunk, 1st order branches or both and is displaying some reactive wood growth, indicating it has not fully adapted to its location.
	Structural defects can be mitigated but not remediated by pruning as per AS 4373-2007 Pruning of Amenity Trees.
Poor	The tree may have extensive included bark, is showing signs of splitting and/or there is decay in the unions
	There is evidence of extensive decay in either the trunk, the 1st order branches or both
	The tree has a poor taper in the trunk, and 1 <sup>st</sup> order branches or both, indicating either exposure to new conditions or a poor condition of health and that the tree does not have the resources to allocate to reactive wood growth
	Structural defects cannot be mitigated by pruning as per AS 4373- 2007  Pruning of Amenity Trees





Visual Amenity Val	ue
High	The tree is large (more than 12 m in height).
	The tree is easily visible from the outside of the subject site.  The tree makes a significant aesthetic contribution to the subject site as well as the broader landscape.
Medium	The tree is medium-sized (8m to 12 m in height).
	The tree is partly visible from the outside of the subject site.
	The tree makes some aesthetic contribution to the subject site as well as the broader landscape.
Low	The tree is small (Less than 8m in height)
	The tree makes a minimal aesthetic contribution to the subject or the broader landscape.

Useful Life Expecta	ancy
>10 years	The tree has <i>good</i> health and <i>good</i> structure and is expected to maintain its condition of health and structure without intervention for greater than ten (10) years.
>3 and <10 years	The tree has <i>fair</i> to <i>good</i> health and <i>fair</i> to <i>good</i> structure and is expected to maintain its condition of health and structure without intervention for more than three (3) years. Without intervention, the tree is expected to decline in health, structure or both within ten (10) years.
<3 years	Tree has either <i>poor</i> health or <i>poor</i> structure, or both  Without intervention, the tree is expected to decline in health, structure or both within three (3) years.



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### Arboricultural Retention Value

Arboricultural retention values are based on the trees' health, structure and visual amenity value (matrix below). Biodiversity, habitat and heritage values are not included in determining the arboricultural retention value, where relevant these are addressed in the *Preliminary Tree Assessment Discussion*.

#### Arboricultural Retention Value Matrix

Health	Good +2	Good +2	Good +2	Fair +1	Fair +1	Fair +1	Poor -1	Poor -1	Poor -1
Structure	Good +2	Fair +1	Poor -1	Good +2	Fair +1	Poor -1	Good +2	Fair +1	Poor -1
Combined									
Combined Health and	4	3	1	3	2	0	1	0	0

Visual Amenity	Value Score	High +2	Medium +1	Low +0

Total Score	Arboricultural Retention Value
5 to 6	High
3 to 4	Medium
0 to 2	Low





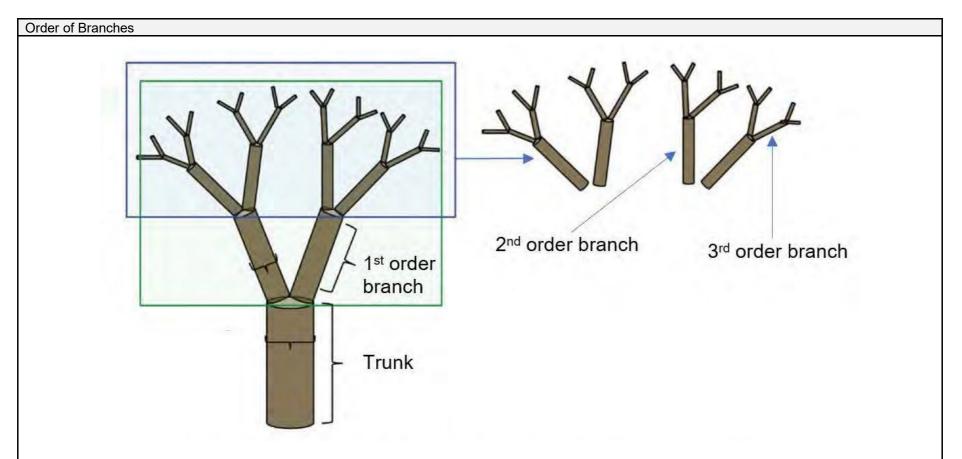


Image adapted from Bentley *et al* 2013, An empirical assessment of tree branching networks and implications for plant allometric scaling models, *Ecology Letters*, vol.16, p.1069-1078.



## Glossary of Arboricultural Terms

Tree protection zone (TPZ)	In accordance with AS 4970-2009 Protection of Trees on Development Sites, the trunk diameter measured at 1.4 m above ground level is used to calculate the tree protection zone (TPZ).  The TPZ is a specified area above and below ground and at a given distance from the trunk set aside for the protection of a tree's root and crown.
Structural root zone (SRZ)	In accordance with AS 4970-2009 Protection of Trees on Development Sites, the SRZ is calculated from the diameter of the trunk above the root buttress.
	The SRZ is the area required for tree stability. This is the area where structural woody roots are likely to occur.
Major encroachment	The proposed encroachment is more than 10% of the TPZ area, inside SRZ or both.
Minor encroachment	The proposed encroachment is less than 10% of the TPZ area and outside the SRZ.
Epicormic shoot	Regrowth shoots which are produced from latent buds and are commonly less strongly attached than original branches.
Bark inclusion	Inwardly turned bark within the union of branches or codominant (twin) trunks. In some circumstances, included bark can reduce the structural integrity of a branch or trunk union.





### **Expertise to Provide Consultancy Services**

I have over twenty (20) years of experience in arboricultural and ecological industries, including over sixteen (16) years of consultancy.

I have training and experience in the collection of biological samples and data for scientific research. I have co-authored papers published in peer-reviewed scientific journals.

My qualifications, experience and expertise are in the fields of arboriculture, planning and wildlife biology, which ensures that I am qualified to make informed independent assessments of issues pertaining to the management of vegetation and associated fauna.

Yours Sincerely

**Grant Harris** 

**Director and Principal Consultant** 

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## ADVERTISED PLAN

#### References

Matheny N and Clarke J.R (1998) *Trees and Development, A technical guide to preservation of trees during land development,* International Society of Arboriculture

Standards Australia, AS 4970-2009 Protection of Trees on Development Sites, SAI Global.



### Tree Photographs

Tree ID:

Botanical Name: Eucalyptus ovata
Common Name: Swamp Gum
Origin: Indigenous

Height (m): 15 Width (m): 8 DBH (cm) 60 Diameter at base (cm): 65 Health: Fair Structure: Good ULE: >10 years High **Tree Significance: Retention Value:** High TPZ Radius (m): 7.20 SRZ Radius (m): 2.76

Comments: Smooth bark on trunk



Tree ID: 2

**Botanical Name:** Eucalyptus obliqua

2.93

Common Name: Messmate
Origin: Indigenous

Height (m): 12 Width (m): 8 20 30 35 DBH (cm) Diameter at base (cm): 75 Health: Good Structure: Fair **ULE:** >10 years **Tree Significance:** High **Retention Value:** High TPZ Radius (m): 6.02

Comments:

SRZ Radius (m):



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Botanical Name: Eucalyptus botryoides
Common Name: Southern Mahogany

Origin: Planted

Height (m): 10 Width (m): 10 75 DBH (cm) Diameter at base (cm): 90 Health: Good Structure: Good ULE: >10 years **Tree Significance:** High **Retention Value:** High TPZ Radius (m): 9.00 SRZ Radius (m): 3.17

Comments:



Tree ID: 8

Botanical Name: Eucalyptus botryoides
Common Name: Southern Mahogany

Origin: Planted

Height (m): 18 Width (m): 16 90 DBH (cm) 95 Diameter at base (cm): Health: Fair Structure: Good ULE: >10 years **Tree Significance:** High **Retention Value:** High 10.80 TPZ Radius (m): SRZ Radius (m): 3.24

**Comments:** 



Tree ID: 9

Botanical Name: Acacia melanoxylon

Common Name: Blackwood Origin: Indigenous

Height (m): 10 Width (m): 6 DBH (cm) 45 Diameter at base (cm): 50 Health: Fair Structure: Fair ULE: >10 years **Tree Significance:** Medium **Retention Value:** Medium TPZ Radius (m): 5.40 SRZ Radius (m): 2.47

**Comments:** 



# ADVERTISED PLAN



Botanical Name: Acacia melanoxylon

Common Name: Blackwood Origin: Indigenous

Height (m): 6 Width (m): 1 10 DBH (cm) Diameter at base (cm): 12 Health: Good Structure: Good ULE: >10 years **Tree Significance:** Medium **Retention Value:** Medium TPZ Radius (m): 2.00

Comments:

SRZ Radius (m):



Tree ID:

Botanical Name: Eucalyptus ovata
Common Name: Swamp Gum
Origin: Indigenous

1.50

Height (m): 12 Width (m): 5 55 DBH (cm) 60 Diameter at base (cm): Health: Good Structure: Good ULE: >10 years **Tree Significance:** High **Retention Value:** High TPZ Radius (m): 6.60 SRZ Radius (m): 2.67

Comments: Smooth bark on 1st order branches



Tree ID: 12

Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Planted Height (m): 14 Width (m): 16 DBH (cm) 120 Diameter at base (cm): 140 Health: Dead Structure: Poor ULE: <3 years **Tree Significance:** Low **Retention Value:** Low TPZ Radius (m): NA SRZ Radius (m): 3.81

**Comments:** 



# ADVERTISED PLAN



Botanical Name: Eucalyptus sp.

Common Name: Gum
Origin: Indigenous

Height (m): 9 1 Width (m): 40 DBH (cm) Diameter at base (cm): 50 Health: Dead Structure: Poor ULE: <3 years Low **Tree Significance: Retention Value:** Low TPZ Radius (m): NA SRZ Radius (m): 2.47

Comments:



Tree ID: 14

Botanical Name: Hesperocyparis macrocarpa

Low

NA

3.81

Common Name: Monterey Cypress

Origin: Planted Height (m): 14 Width (m): 10 120 DBH (cm) 140 Diameter at base (cm): Health: Dead Structure: Poor ULE: <3 years **Tree Significance:** Low

SRZ Radius (m): Comments:

**Retention Value:** 

TPZ Radius (m):

Tree ID: 15
Botanical Name: Aca

Botanical Name: Acacia sp.
Common Name: Wattle
Origin: Indigenous

Height (m): 4 Width (m): 1 DBH (cm) 40 Diameter at base (cm): 45 Health: Dead Structure: Poor ULE: <3 years **Tree Significance:** Low **Retention Value:** Low TPZ Radius (m): NA SRZ Radius (m): 2.37

**Comments:** 



# ADVERTISED PLAN



Botanical Name: Acacia melanoxylon

Common Name: Blackwood Origin: Indigenous

Height (m): 5 2 Width (m): 14 DBH (cm) 16 Diameter at base (cm): Health: Good Structure: Poor ULE: <3 years Low **Tree Significance: Retention Value:** Low TPZ Radius (m): 2.00 SRZ Radius (m): 1.53

Comments:



Tree ID: 17

Botanical Name: Acacia sp.
Common Name: Wattle
Origin: Indigenous

Height (m): 8 Width (m): 4 50 DBH (cm) 60 Diameter at base (cm): Health: Dead Structure: Poor ULE: <3 years **Tree Significance:** Low **Retention Value:** Low TPZ Radius (m): NA SRZ Radius (m): 2.67

Comments:



Tree ID: 18

Botanical Name: Eucalyptus ovata
Common Name: Swamp Gum
Origin: Indigenous

Height (m): 9 Width (m): 3 DBH (cm) 18 Diameter at base (cm): 25 Health: Good Structure: Good ULE: >10 years **Tree Significance:** Medium **Retention Value:** Medium TPZ Radius (m): 2.16 SRZ Radius (m): 1.85

Comments: Smooth bark on trunk



# ADVERTISED PLAN



Botanical Name: Eucalyptus ovata
Common Name: Swamp Gum
Origin: Indigenous

Height (m): 8 Width (m): 6 25 20 DBH (cm) Diameter at base (cm): 38 Health: Good Structure: Fair >10 years ULE: **Tree Significance:** Medium **Retention Value:** Medium TPZ Radius (m): 3.84

Comments: Smooth bark on trunk

2.20



Tree ID: 20

SRZ Radius (m):

Botanical Name:Eucalyptus ovataCommon Name:Swamp GumOrigin:Indigenous

Height (m): 10 8 Width (m): 55 DBH (cm) 58 Diameter at base (cm): Health: Good Structure: Fair ULE: >10 years **Tree Significance:** Medium **Retention Value:** Medium TPZ Radius (m): 6.60 SRZ Radius (m): 2.63

Comments: Smooth bark on trunk



Tree ID: 21

Botanical Name: Eucalyptus ovata
Common Name: Swamp Gum
Origin: Indigenous

Height (m): 6
Width (m): 5

**DBH (cm)** 10 11 10 12

Diameter at base (cm): 16 Health: Good Structure: Good ULE: >10 years **Tree Significance:** Medium **Retention Value:** Medium TPZ Radius (m): 2.59 SRZ Radius (m): 1.53

**Comments:** Group of saplings, smooth bark on

trunk







Botanical Name: Eucalyptus ovata
Common Name: Swamp Gum
Origin: Indigenous

Height (m): 6 6 Width (m): 40 DBH (cm) Diameter at base (cm): 45 Health: Good Structure: Fair ULE: >10 years **Tree Significance:** Medium **Retention Value:** Medium TPZ Radius (m): 4.80

Comments: Smooth bark on trunk

2.37



Tree ID: 23

SRZ Radius (m):

Botanical Name: Eucalyptus sp.

Common Name: Gum
Origin: Indigenous

Height (m): 7 Width (m): 4 35 DBH (cm) 40 Diameter at base (cm): Health: Dead Structure: Poor ULE: <3 years **Tree Significance:** Low **Retention Value:** Low TPZ Radius (m): NA SRZ Radius (m): 2.25

**Comments:** 

Tree ID: 24

Botanical Name: Hesperocyparis macrocarpa

2.67

Common Name: Monterey Cypress

Origin: Planted Height (m): 4 Width (m): 6 DBH (cm) 50 Diameter at base (cm): 60 Health: Good Structure: Good ULE: >10 years **Tree Significance:** Medium **Retention Value:** Hiah TPZ Radius (m): 6.00

Comments:

SRZ Radius (m):



# ADVERTISED PLAN



Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Planted

Height (m): 3 2 Width (m): 120 DBH (cm) 140 Diameter at base (cm): Health: Dead Structure: Poor ULE: <3 years Low **Tree Significance: Retention Value:** Low TPZ Radius (m): NA SRZ Radius (m): 3.81

Comments:



Tree ID: 26

Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Planted

Height (m): 8 Width (m): 10 120 DBH (cm) 140 Diameter at base (cm): Health: Dead Structure: Poor ULE: <3 years **Tree Significance:** Low **Retention Value:** Low TPZ Radius (m): NA SRZ Radius (m): 3.81

**Comments:** 



Tree ID: 27

Botanical Name: Eucalyptus botryoides
Common Name: Southern Mahogany

Origin: Planted

Height (m): 8 Width (m): 6 DBH (cm) 55 Diameter at base (cm): 60 Health: Good Structure: Poor ULE: >10 years **Tree Significance:** Medium **Retention Value:** Hiah TPZ Radius (m): 6.60 SRZ Radius (m): 2.67

**Comments:** 



## ADVERTISED PLAN



**Botanical Name:** Quercus palustris

Common Name: Pin Oak Origin: Planted

Height (m): 20 Width (m): 16 80 DBH (cm) Diameter at base (cm): 95 Health: Good Structure: Good ULE: >10 years **Tree Significance:** High **Retention Value:** High 9.60 TPZ Radius (m):

3.24

SRZ Radius (m): Comments:



## ADVERTISED PLAN



Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic
Height (m): 18
Width (m): 14
DBH (cm) 130
Diameter at base (cm): 140
Health: Fair
Structure: Poor

ULE: 3-10 years
Tree Significance: Medium
Retention Value: Low
TPZ Radius (m): 15.00
SRZ Radius (m): 3.81

**Comments:** Estimated DBH, possible seridium



Tree ID: 114

**Botanical Name:** Quercus canariensis

Common Name: Algerian Oak

Origin: Exotic Height (m): 17 Width (m): 9 58 DBH (cm) Diameter at base (cm): 62 Health: Good Structure: Fair ULE: >10 years **Tree Significance:** Medium **Retention Value:** Medium TPZ Radius (m): 6.96

SRZ Radius (m): 2.71

**Comments:** 



Tree ID: 115

Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic Height (m): 17 Width (m): 8 DBH (cm) 85 Diameter at base (cm): 100 Health: Fair Structure: Poor ULE: <3 years

Tree Significance: Low
Retention Value: Low
TPZ Radius (m): 10.20
SRZ Radius (m): 3.31

Comments: Major stem failure



## ADVERTISED PLAN



Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic
Height (m): 18
Width (m): 15
DBH (cm) 180
Diameter at base (cm): 200
Health: Fair
Structure: Poor
ULE: 3-10 vo

ULE: 3-10 years
Tree Significance: Medium
Retention Value: Low
TPZ Radius (m): 15.00
SRZ Radius (m): 4.43

Comments: Several failures, estimated DBH



Tree ID: 117

**Botanical Name:** Quercus canariensis

Common Name: Algerian Oak

Origin: Exotic Height (m): 6 Width (m): 3 32 DBH (cm) 33 Diameter at base (cm): Health: Good Structure: Good ULE: >10 years **Tree Significance:** Low **Retention Value:** Medium TPZ Radius (m): 3.84

**Comments:** 

SRZ Radius (m):

Tree ID: 118

Botanical Name: Hesperocyparis macrocarpa

2.08

Common Name: Monterey Cypress

Origin: Exotic Height (m): 16 Width (m): 9 120 DBH (cm) Diameter at base (cm): 130 Health: Good Poor Structure: 3-10 years ULE: **Tree Significance:** Medium **Retention Value:** Low

TPZ Radius (m): 14.40 SRZ Radius (m): 3.69 Comments:

## ADVERTISED PLAN



Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic
Height (m): 15
Width (m): 6
DBH (cm) 63
Diameter at base (cm): 75
Health: Good
Structure: Poor

ULE: 3-10 years
Tree Significance: Medium
Retention Value: Low
TPZ Radius (m): 7.56
SRZ Radius (m): 2.93

**Comments:** 

**Comments:** 



Tree ID: 120

Botanical Name: Acacia dealbata
Common Name: Silver Wattle
Origin: Planted Victorian

Height (m): 6 Width (m): 5 23 DBH (cm) Diameter at base (cm): 26 Health: Good Structure: Fair ULE: 3-10 years **Tree Significance:** Low **Retention Value:** Medium TPZ Radius (m): 2.76 SRZ Radius (m): 1.88

Tree ID: 121

Botanical Name: Eucalyptus elata
Common Name: River Peppermint
Origin: Planted Victorian

**Planted** 

Height (m): 5 Width (m): 2 DBH (cm) 11 12 Diameter at base (cm): Health: Good Structure: Good ULE: >10 years **Tree Significance:** Low

Retention Value: Medium
TPZ Radius (m): 2.00
SRZ Radius (m): 1.50

Comments: Group of planted species - A.melanoxylon and E.elata







Botanical Name: Eucalyptus yarraensis

Common Name: Yarraensis Gum
Origin: Planted Victorian

Height (m): 6
Width (m): 1
DBH (cm) 15
Diameter at base (cm): 16
Health: Good
Structure: Good
ULE: >10 years

Tree Significance: Low
Retention Value: Medium
TPZ Radius (m): 2.00
SRZ Radius (m): 1.50
Comments: Planted



Tree ID: 123

Botanical Name: Acacia dealbata
Common Name: Silver Wattle
Origin: Planted Victorian

Height (m): 6 Width (m): 4 21 DBH (cm) Diameter at base (cm): 25 Health: Good Structure: Good ULE: 3-10 years **Tree Significance:** Low **Retention Value:** Medium TPZ Radius (m): 2.52 SRZ Radius (m): 1.85



Tree ID: 124

**Comments:** 

Botanical Name: Eucalyptus yarraensis
Common Name: Yarraensis Gum
Origin: Planted Victorian

**Planted** 

Height (m): 6 Width (m): 1 DBH (cm) 16 Diameter at base (cm): 18 Health: Good Good Structure: >10 years ULE: **Tree Significance:** Low **Retention Value:** Medium 2.00 **TPZ Radius (m):** SRZ Radius (m): 1.61 **Comments:** Planted



#### ADVERTISED PLAN



**Botanical Name:** Eucalyptus yarraensis **Common Name:** Yarraensis Gum

Origin: Planted Victorian

Height (m): 3 Width (m): 1 10 DBH (cm) Diameter at base (cm): 10 Health: Good Structure: Good ULE: >10 years

**Tree Significance:** Low **Retention Value:** Medium TPZ Radius (m): 2.00 SRZ Radius (m): 1.50

Planted group - A.dealbata, **Comments:** 

A.torulosa, E.elata.



Tree ID: 126

**Botanical Name:** Acacia dealbata **Common Name:** Silver Wattle Origin: Planted Victorian

Height (m): 5 3 Width (m): DBH (cm) 16 Diameter at base (cm): 18 Health: Good Structure: Fair ULE: 3-10 years

**Tree Significance:** Low **Retention Value:** Medium **TPZ Radius (m):** 2.00 SRZ Radius (m): 1.61 **Comments:** Planted



Tree ID: 127

**Botanical Name:** Hesperocyparis macrocarpa

**Common Name:** Monterey Cypress

Origin: Exotic 18 Height (m): 14 Width (m): 90 DBH (cm) Diameter at base (cm): 100 Health: Poor Structure: Poor ULE: <3 years **Tree Significance:** Medium **Retention Value:** Low TPZ Radius (m): 10.80

SRZ Radius (m): 3.31 **Comments:** 

Seridium, DBH estimated, several

failures



# **ADVERTISED** PLAN



Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic Height (m): 18 Width (m): 9 DBH (cm) 75 Diameter at base (cm): 80 Health: Poor Structure: Fair ULE: <3 years

Tree Significance: Low Retention Value: Low TPZ Radius (m): 9.00 SRZ Radius (m): 3.01

Comments: Seridium, DBH estimated



Tree ID: 129

Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic Height (m): 18 Width (m): 13 100 DBH (cm) Diameter at base (cm): 105 Health: Poor Structure: Poor ULE: <3 years **Tree Significance:** Low

Retention Value: Low TPZ Radius (m): 12.00 SRZ Radius (m): 3.38

**Comments:** Seridium, DBH estimated, major

failure



**Tree ID:** 130

Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic 16 Height (m): Width (m): 10 DBH (cm) 80 Diameter at base (cm): 85 Health: Poor Structure: Fair ULE: <3 years **Tree Significance:** Low **Retention Value:** Low

**TPZ Radius (m):** 9.60 **SRZ Radius (m):** 3.09

Comments: Seridium, DBH estimated







Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic 14 Height (m): Width (m): 8 80 DBH (cm) Diameter at base (cm): 90 Health: Poor Structure: Fair ULE: <3 years

Tree Significance: Low
Retention Value: Low
TPZ Radius (m): 9.60
SRZ Radius (m): 3.17

Comments: Seridium, DBH estimated



**Tree ID:** 132

Botanical Name: Quercus palustris

**Common Name:** Pin Oak Origin: Exotic Height (m): 19 Width (m): 14 74 DBH (cm) 78 Diameter at base (cm): Health: Good Structure: Good ULE: >10 years **Tree Significance:** High **Retention Value:** High 8.88 TPZ Radius (m):

SRZ Radius (m): 8.88 2.98

Comments: Minor branch failures



**Tree ID**: 133

**Botanical Name:** Quercus palustris

**Common Name:** Pin Oak Exotic Origin: Height (m): 23 Width (m): 14 75 DBH (cm) Diameter at base (cm): 85 Health: Good Structure: Fair

ULE: >10 years
Tree Significance: High
Retention Value: High
TPZ Radius (m): 9.00
SRZ Radius (m): 3.09

Comments: Included bark union



#### ADVERTISED PLAN



Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic Height (m): 7 5 Width (m): 39 DBH (cm) Diameter at base (cm): 43 Health: Good Structure: Fair ULE: >10 years

Tree Significance: Low Medium TPZ Radius (m): 4.68 SRZ Radius (m): 2.32

**Comments:** 



**Tree ID:** 135

Botanical Name: Quercus palustris

**Common Name:** Pin Oak Origin: Exotic Height (m): 18 Width (m): 12 51 DBH (cm) Diameter at base (cm): 60 Health: Good Structure: Good ULE: >10 years **Tree Significance:** High **Retention Value:** High 6.12 TPZ Radius (m): SRZ Radius (m): 2.67

**Comments:** 

Tree ID:

136

**Botanical Name:** Quercus palustris

Common Name: Pin Oak
Origin: Exotic
Height (m): 20
Width (m): 12
DBH (cm) 56
Diameter at base (cm): 60
Health: Good
Structure: Good

Structure: Good
ULE: >10 years
Tree Significance: High
Retention Value: High
TPZ Radius (m): 6.72
SRZ Radius (m): 2.67

**Comments:** 





## ADVERTISED PLAN



**Botanical Name:** Quercus palustris

**Common Name:** Pin Oak Origin: Exotic Height (m): 22 14 Width (m): 66 DBH (cm) Diameter at base (cm): 80 Health: Good Structure: Good ULE: >10 years **Tree Significance:** High **Retention Value:** High TPZ Radius (m): 7.92



Tree ID: 138

SRZ Radius (m):

**Comments:** 

**Comments:** 

**Comments:** 

Botanical Name: Quercus palustris

3.01

**Common Name:** Pin Oak Origin: Exotic Height (m): 24 Width (m): 14 85 DBH (cm) 90 Diameter at base (cm): Health: Good Structure: Good ULE: >10 years **Tree Significance:** High **Retention Value:** High 10.20 TPZ Radius (m): SRZ Radius (m): 3.17



Tree ID: 139

**Botanical Name:** Quercus palustris

**Common Name:** Pin Oak Exotic Origin: Height (m): 25 Width (m): 12 DBH (cm) 93 Diameter at base (cm): 100 Health: Good Good Structure: >10 years ULE: **Tree Significance:** High **Retention Value:** High **TPZ Radius (m):** 11.16 SRZ Radius (m): 3.31



## ADVERTISED PLAN



**Botanical Name:** Quercus palustris

**Common Name:** Pin Oak Origin: Exotic Height (m): 25 Width (m): 13 76 DBH (cm) Diameter at base (cm): 90 Health: Good Structure: Fair ULE: >10 years **Tree Significance:** High **Retention Value:** High TPZ Radius (m): 9.12



Tree ID: 141

SRZ Radius (m):

Comments:

Botanical Name: Hesperocyparis macrocarpa

3.17

Common Name: Monterey Cypress

Origin: Exotic Height (m): 17 Width (m): 13 90 DBH (cm) Diameter at base (cm): 95 Health: Poor Structure: Fair ULE: <3 years **Tree Significance:** Low **Retention Value:** Low TPZ Radius (m): 10.80 SRZ Radius (m): 3.24

Comments: Seridium, DBH estimated

**Tree ID**: 142

Botanical Name: Crataegus leavigata

**Common Name:** Hawthorn Origin: Exotic Height (m): 5 2 Width (m): 15 DBH (cm) Diameter at base (cm): 16 Health: Good Structure: Good 3-10 years ULE:

Tree Significance: Low
Retention Value: Medium
TPZ Radius (m): 2.00
SRZ Radius (m): 1.53

**Comments:** 



## ADVERTISED PLAN



Botanical Name: Eucalyptus robusta
Common Name: Swamp Mahogany
Origin: Planted Australian

Height (m): 8 Width (m): 7 DBH (cm) 75 Diameter at base (cm): 75 Health: Good Structure: Poor ULE: 3-10 years **Tree Significance:** Low

Tree Significance: Low Retention Value: Low TPZ Radius (m): 9.00 SRZ Radius (m): 2.93

Comments: Stem failure



Tree ID: 144

Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic Height (m): 12 Width (m): 10 100 DBH (cm) Diameter at base (cm): 115 Health: Dead Structure: Poor ULE: <3 years **Tree Significance:** Low **Retention Value:** Low TPZ Radius (m): 12.00 SRZ Radius (m): 3.51

**Comments:** 

Tree ID: 145

Botanical Name: Eucalyptus sp.

Common Name: Gum

Origin: Planted Victorian Height (m): 17

 Height (m):
 17

 Width (m):
 6

 DBH (cm)
 65

 Diameter at base (cm):
 70

 Health:
 Dead

 Structure:
 Fair

 ULE:
 <3 years</td>

Tree Significance: Low Retention Value: Low TPZ Radius (m): 7.80 SRZ Radius (m): 2.85

Comments: No access to tag



#### ADVERTISED PLAN



Botanical Name: Eucalyptus botryoides
Common Name: Southern Mahogany
Origin: Planted Victorian

Height (m): 16 Width (m): 15 90 DBH (cm) Diameter at base (cm): 95 Health: Good Structure: Fair ULE: >10 years **Tree Significance:** Medium **Retention Value:** Medium TPZ Radius (m): 10.80

SRZ Radius (m): 3.24

Comments: No access to tag, DBH estimated

Tree ID: 147

Botanical Name: Hesperocyparis macrocarpa

Common Name: Monterey Cypress

Origin: Exotic Height (m): 12 Width (m): 6 45 DBH (cm) Diameter at base (cm): 50 Health: Dead Structure: Fair ULE: <3 years **Tree Significance:** Low **Retention Value:** Low TPZ Radius (m): 5.40 SRZ Radius (m): 2.47

Comments: No access to tag, DBH estimated



**Tree ID**: 148

Botanical Name: Eucalyptus melliodora

Common Name: Yellow Box
Origin: Planted Victorian

Height (m): 24 Width (m): 15 DBH (cm) 80 Diameter at base (cm): 82 Health: Good Structure: Good ULE: >10 years **Tree Significance:** High

Retention Value: High TPZ Radius (m): 9.60 SRZ Radius (m): 3.04

**Comments:** No access to tag, DBH estimated.

Planted







**Botanical Name:** Eucalyptus melliodora

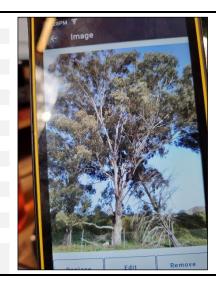
**Common Name:** Yellow Box Origin: Planted Victorian

Height (m): 25 17 Width (m): 90 DBH (cm) Diameter at base (cm): 92 Health: Good Structure: Fair ULE: >10 years **Tree Significance:** High **Retention Value:** High

3.20 No access to tag, DBH estimated. **Comments:** 

10.80

**Planted** 



Tree ID: 150

TPZ Radius (m):

SRZ Radius (m):

**Botanical Name:** Eucalyptus melliodora

**Common Name:** Yellow Box Origin: Planted Victorian

Height (m): 19 Width (m): 9 DBH (cm) 85 Diameter at base (cm): 90 Health: Good Structure: Fair ULE: >10 years **Tree Significance:** High **Retention Value:** High TPZ Radius (m): 10.20

SRZ Radius (m): 3.17

**Comments:** No access to tag, DBH estimated.

Planted



Tree ID: 6/151

**Botanical Name:** Eucalyptus melliodora

**Common Name:** Yellow Box Planted Victorian Origin:

Height (m): 25 Width (m): 15 DBH (cm) 115 Diameter at base (cm): 120 Good Health: Structure: Fair ULE: >10 years **Tree Significance:** High **Retention Value:** High 13.80 **TPZ Radius (m):** SRZ Radius (m): 3.57

**Comments:** No access to tag, DBH estimated.

Planted



# **ADVERTISED** PLAN



Botanical Name: Eucalyptus botryoides
Common Name: Southern Mahogany
Origin: Planted Victorian

Height (m): 15
Width (m): 13
DBH (cm) 75
Diameter at base (cm): 80
Health: Good
Structure: Fair
ULE: >10 years
Tree Significance: Medium

Tree Significance: Medium
Retention Value: Medium
TPZ Radius (m): 9.00
SRZ Radius (m): 3.01

Comments: No access to tag, DBH estimated.

Planted



**Tree ID:** 153

Botanical Name: Eucalyptus melliodora

Common Name: Yellow Box
Origin: Planted Victorian

Height (m): 7
Width (m): 2
DBH (cm) 15
Diameter at base (cm): 16
Health: Good
Structure: Good
ULE: >10 years

Tree Significance: Low
Retention Value: Medium
TPZ Radius (m): 2.00
SRZ Radius (m): 1.53

Comments: No access to tag, DBH estimated.

Planted



**Tree ID:** 5/154

Botanical Name: Eucalyptus botryoides
Common Name: Southern Mahogany
Origin: Planted Victorian

Height (m): 13 Width (m): 6 80 DBH (cm) 85 Diameter at base (cm): Health: Good Structure: Poor ULE: 3-10 years **Tree Significance:** Low **Retention Value:** Low 9.60 **TPZ Radius (m):** 

SRZ Radius (m):

**Comments:** No access to tag, DBH estimated.

3.09

Planted. Stem failure



# ADVERTISED PLAN



Tree ID: 4/155

**Botanical Name:** Eucalyptus melliodora

**Common Name:** Yellow Box Origin: Planted Victorian

Height (m): 23 16 Width (m): 115 DBH (cm) Diameter at base (cm): 120 Health: Good Structure: Good ULE: >10 years **Tree Significance:** High **Retention Value:** High TPZ Radius (m): 13.80

3.57 No access to tag, DBH estimated. **Comments:** 

**Planted** 



Tree ID: 156

SRZ Radius (m):

**Botanical Name:** Acacia melanoxylon

**Common Name:** Blackwood Origin: Native Height (m): 2 Width (m): DBH (cm) 12 Diameter at base (cm): 13 Health: Good Structure: Good ULE: 3-10 years **Tree Significance:** Low

**Retention Value:** Medium TPZ Radius (m): 2.00 SRZ Radius (m): 1.50

Comments: Group. no access to tag, DBH

estimated, possibly naturally

occurring.



Tree ID: 157

**Botanical Name:** Allocasuarina torulosa **Common Name:** Forest/Rose She Oak Planted Australian Origin:

Height (m): 2 Width (m): 15 DBH (cm) Diameter at base (cm): 16 Health: Good Good Structure: ULE: >10 years **Tree Significance:** Low **Retention Value:** Medium **TPZ Radius (m):** 2.00 SRZ Radius (m): 1.53

**Comments:** Group, likely planted



# **ADVERTISED** PLAN



Tree ID: 3/158

**Botanical Name:** Acacia implexa **Common Name:** Lightwood Origin: Native

Height (m): 7 Width (m): 4 30 DBH (cm) Diameter at base (cm): 32 Health: Good Structure: Good ULE: 3-10 years **Tree Significance:** Low **Retention Value:** Medium TPZ Radius (m): 3.60

2.05 **Comments:** Group, possibly naturally occurring



Tree ID: 159

SRZ Radius (m):

**Botanical Name:** Acacia melanoxylon

**Common Name:** Blackwood Origin: Native Height (m): 4 Width (m): 2 15 DBH (cm) Diameter at base (cm): 16 Health: Good Structure: Good ULE: 3-10 years **Tree Significance:** Low

**Retention Value:** Medium TPZ Radius (m): 2.00 SRZ Radius (m): 1.53

**Comments:** Group, possibly naturally occurring



Tree ID: 160

**Botanical Name:** Acacia melanoxylon

**Common Name:** Blackwood Origin: Native Height (m): 5 Width (m): 3 DBH (cm) 15 Diameter at base (cm): 16

Health: Good Structure: Good 3-10 years ULE: **Tree Significance:** Low **Retention Value:** Medium 2.00 TPZ Radius (m): SRZ Radius (m): 1.53

**Comments:** Possibly naturally occurring



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