Prepared for Montessori Academy
Site Address: 170 Derby Street Penrith

17th December 2020

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Member of International Society of Arboriculture No. 157768

Bachelor of Horticultural Science, University Sydney.

AQF Level 2, 3 & 5 Diploma in Arboriculture

Graduate Certificate AQF Level 8 University Melbourne

Tree Risk Assessment Qualification (TRAQ)



Statement

Bradshaw Consulting Arborists is a company that exclusively provides tree consultancy within the tree industry. There is no conflict of interest concerning the recommendations outlined in this report.

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1 Introduction

This report has been prepared by Tristan Bradshaw of Bradshaw Consulting Arborists for Montessori Academy at the site 170 Derby Street Penrith. The report request was to inspect twenty-four (24) trees throughout the property and surrounding properties.

The trees' characteristics have been listed in Table 1 page 6. The aim is to determine the health and condition of the trees and the impact of the proposed development. The inspection of the site was undertaken on 17th December 2020.

The report was completed on 17th December 2020.

Plans Supplied by Cullen Feng Architects dated November 2020, have been used in this assessment.

See appendix B Section 6 for tree locations and tree protection plan.

The site's trees are managed under Penrith Council's Urban Tree Management Policy.

The property is not heritage or within a heritage conservation area.

The property is not within the RFS 10/50 vegetation entitlement clearing area.

No trees are listed on council's significant tree register.

1.1 The Site

The site is composed of an existing house and gardens.

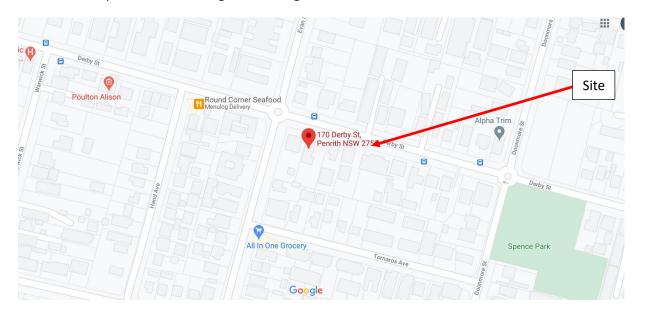


Figure 1 Site location (Google Maps 2020)

1.2 Method

The inspection of the site was undertaken on 17th December 2020.

The inspection method used was the Visual Tree Assessment (VTA) method (Mattheck & Breloer 2010). This method involves inspecting the trees from ground level, using binoculars to aid in identification of any external's signs of decay, physical damage, growth related structural defects and the site conditions where the tree is growing. This method will ascertain whether there is need for a more detailed inspection of any part of the tree. No aerial or subterranean inspections were carried out. See appendix A for the complete flow chart.

The Diameter at Breast Height (DBH) was estimated. The height of the measurement was at 140 cm above the ground.

The height of the tree was estimated.

The canopy spread of the tree was estimated.

Health: Based on vigour, callus development, % of deadwood, dieback, fruiting levels, internode lengths

- (E) Excellent
- (G) Good
- (F) Fair
- (P) Poor
- (D) Dead

Age Class: (Y) Young=Recently Planted

- (S) Semi mature <20% of life expectancy
- (M) Mature 20-80% of life expectancy
- (O) Over Mature >80% of life expectancy

Condition: Based on the structural integrity of the tree, cavities, fungal decay, branch failure, branch taper, sap or Kino exudate, fruiting bodies, root condition.

- (E) Excellent
- (G) Good
- (F) Fair
- (P) Poor
- (D) Dead

Landscape Significance and Retention Value see sections 6.2 and 6.3.

Safe Useful Life Expectancy (SULE)

In a planning context, the time a tree can expect to be usefully retained is the most important long-term consideration. SULE is a system designed to classify trees into a number of defined categories

so that information regarding tree retention can be concisely communicated in a non-technical manner. SULE categories are easily verifiable by experienced personnel without great disparity.

A tree's SULE category is the life expectancy of the tree modified by its age, health, condition, safety and location (to give safe life expectancy), then by economics (i.e. cost of maintenance; retaining trees at an excessive management cost is not normally acceptable), effects on better trees, and sustained amenity (i.e. establishing range of age classes in a local population).

SULE assessments are not static but may be modified as dictated by changes in tree health and environment. Trees with short SULE may at present be making a contribution to the landscape but their value to the local community will decrease rapidly towards the end of this period, prior to their being removed for safety or aesthetic reasons. For details of SULE categories see Appendix A, adapted from Barrell (1993 and 1996).

Visual Habitat

This assessment is based on a visual observation of the tree, included in the VTA method.

Habitat trees are trees that provide microhabitats, these can include hollows, deeply fissured bark, cracks, epiphytes or forms of decay (Bütler, R., Lachat, T., Larrieu, L., & Paillet, Y., 2013).

Tree Protection Zone (TPZ) – A specified area above and below ground and at a given distance from the trunk, set aside for the protection of a tree's roots and crown to provide for the viability and stability of a tree that is to be retained where it is potentially subject to damage by development.

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

2 Body Observations Results

Table 1 Individual tree characteristics

Tree Number	Botanical Name	DBH (mm)	DAB (mm)	Canopy N	Canopy S	Canopy E	Canopy W	Height	Health	Age	Condition/ Structure	SULE	Visual Habitat	Landscape	Retention Value	Structural Root Zone (SRZ)	Tree Protection Zone (TPZ)	Percentage TPZ Incursion	Retain or Remove. notes
1	Lophostemon confertus (Brush Box)	380	43 0	4	4	4	4	10											Removed by Council.
2	Phoenix canariensis (Canary Island Date Palm)	730	800	4	4	4	4	14	G	М	G	>40	No	High	High	3.0	8.8	100%	Remove
3	Eucalyptus tereticornis (Forest Red Gum)	660	790	7	7	6	7	18	G	М	G	15-40	No	Very High	High	3.0	7.9	100%	Remove
4	Corymbia maculata (Lemon Scented Gum)	560	650	6	6	6	6	15	G	М	G	>40	No	High	High	2.8	6.7	100%	Remove
5	Grevillea robusta (Silky Oak)	120	120	1	1	1	1	5	G	S M	E	>40	No	Low	Moderate	1.4	1.4	100%	Remove
6	Ligustrum lucidum (Privet)	140	140	2	2	2	2	5	G	М	G	>40	No	Very Low	Low	1.4	1.7	100%	Remove
7	Callistemon viminalis (Weeping Bottle Brush)	320	320	2	2	2	2	5	G	М	G	15-40	No	Very Low	Very Low	2.1	3.8	100%	Remove

Tree Number	Botanical Name	DBH (mm)	DAB (mm)	Canopy N	Canopy S	Canopy E	Canopy W	Height	Health	Age	Condition/ Structure	SULE	Visual Habitat	Landscape	Retention Value	Structural Root Zone (SRZ)	Tree Protection Zone (TPZ)	Percentage TPZ Incursion	Retain or Remove. notes
8	Lagerstroemia indica (Crepe Myrtle)	140	140	2	2	2	2	7	G	М	G	15-40	No	Very Low	Very Low	1.4	1.7	5%	Remove
9	Lagerstroemia indica (Crepe Myrtle)	120	120	2	2	2	2	8	G	М	G	15-40	No	Very Low	Very Low	1.4	1.4	100%	Remove
10	Lagerstroemia indica (Crepe Myrtle)	100	100	1	1	1	1	7	G	М	G	15-40	No	Very Low	Very Low	1.3	1.2	100%	Remove
11	Lagerstroemia indica (Crepe Myrtle)	250	280	3	3	3	3	7	G	M	G	15-40	No	Moderate	Moderate	1.9	3.0	9%	Remove
12	Lagerstroemia indica (Crepe Myrtle)	100	100	1	1	1	1	5	G	М	G	15-40	No	Moderate	Moderate	1.3	1.2	5%	Remove
13	Archontophoenix cunninghamiana (Bangalow Palm)	250	350	2	2	2	2	11	G	M	G	5-15	No	Very Low	Very Low	2.1	3.0	100%	Remove
14	Ligustrum lucidum (Privet)	100	100	1	1	1	1	4	G	S M	G	>40	No	Very Low	Low	1.3	1.2	100%	Remove
15	Archontophoenix cunninghamiana (Bangalow Palm)	190	250	1	1	1	1	7	Р	М	F	<5	No	Moderate	Very Low	1.8	2.3	100%	Remove

Tree Number	Botanical Name	DBH (mm)	DAB (mm)	Canopy N	Canopy S	Canopy E	Canopy W	Height	Health	Age	Condition/ Structure	SULE	Visual Habitat	Landscape	Retention Value	Structural Root Zone (SRZ)	Tree Protection Zone (TPZ)	Percentage TPZ Incursion	Retain or Remove. notes
16	Washingtonia robusta (Cotton Palm)	490	550	3	3	3	3	12	G	М	G	15-40	No	Moderate	Moderate	2.6	5.9	100%	Remove
17	Cupressocyparis leylandii (Leighton Green)	300	330	2	2	2	2	4	G	М	Р	5-15	No	Moderate	Low	2.1	3.6	100%	Remove
18	Phoenix canariensis (Canary Island Date Palm)	1000 0	100 00	4	4	4	4	6	G	М	G	>40	No	Moderate	Moderate	3.3	12.0	100%	Remove
19	Archontophoenix cunninghamiana (Bangalow Palm)	250	300	2	2	2	2	8	Р	М	Р	<5	No	Moderate	Very Low	2.0	3.0	100%	Remove
20	Archontophoenix cunninghamiana (Bangalow Palm)	230	300	1	1	1	1	12	Р	М	Р	<5	No	Moderate	Very Low	2.0	2.8	100%	Remove
21	Phoenix canariensis (Canary Island Date Palm)	900	100	4	4	4	4	6	G	М	G	>40	No	Low	Moderate	3.3	10.8	100%	Remove
22	Washingtonia robusta (Cotton Palm)	710	550	2	2	2	2	7	G	М	G	>40	No	Moderate	Moderate	2.6	8.5	100%	Remove
23	Washingtonia robusta (Cotton Palm)	710	550	2	2	2	2	15	G	М	G	>40	No	Moderate	Moderate	2.6	8.5	100%	Remove

Tree Number	Botanical Name	DBH (mm)	DAB (mm)	Canopy N	Canopy S	Canopy E	Canopy W	Height	Health	Age	Condition/ Structure	SULE	Visual Habitat	Landscape significance	Retention Value	Structural Root Zone (SRZ)	Tree Protection Zone (TPZ)	Percentage TPZ Incursion	Retain or Remove. notes
24	Ligustrum lucidum (Privet)	150	150	1	1	1	1	4	F	М	G	15-40	No	Very Low	Low	1.5	1.8	100%	Remove

3 Discussion

Twenty-four (24) trees have been included in this assessment.

Trees 9, 10. 13 and 21 are exempt as these are within 3 metres of an external wall of a dwelling. Trees 6, 14 and 24 are weed species and must be supressed and destroyed. It is recommended these trees are removed.

Section 5.2 of the Child Care Centres Development Control Plan 2014 part 8 Landscaping: g) vii) mentions that the landscape should not include plants which may be toxic, create allergic reactions, or which are prickly or otherwise unsafe. Trees 2, 16, 18, 22 and 23 all have prickly foliage that drops from the palms unpredictably. These trees are not recommended within high use areas within a childcare and should be removed.

Trees 11 and 12 are located on neighbouring properties. These trees will be retained and protected.

Trees 7, 8, 15, 17, 19 and 20 are of very low or low retention value, these trees are a priority for removal for any proposed development for the site. It is recommended these trees are removed from the site.

Tree 5 is a self-sown semi mature sapling that is not worthy of retention.

Trees 3 and 4 conflict with the proposal due to soil level changes. It is recommended these trees are removed.

Tree 1 within the council road reserve was a *Lophostemon confertus* (Brush Box), this tree has been removed by council or their contractors after the site survey was conducted. See figure 2 below.



Figure 2 Removed council owned tree

4 Recommendations

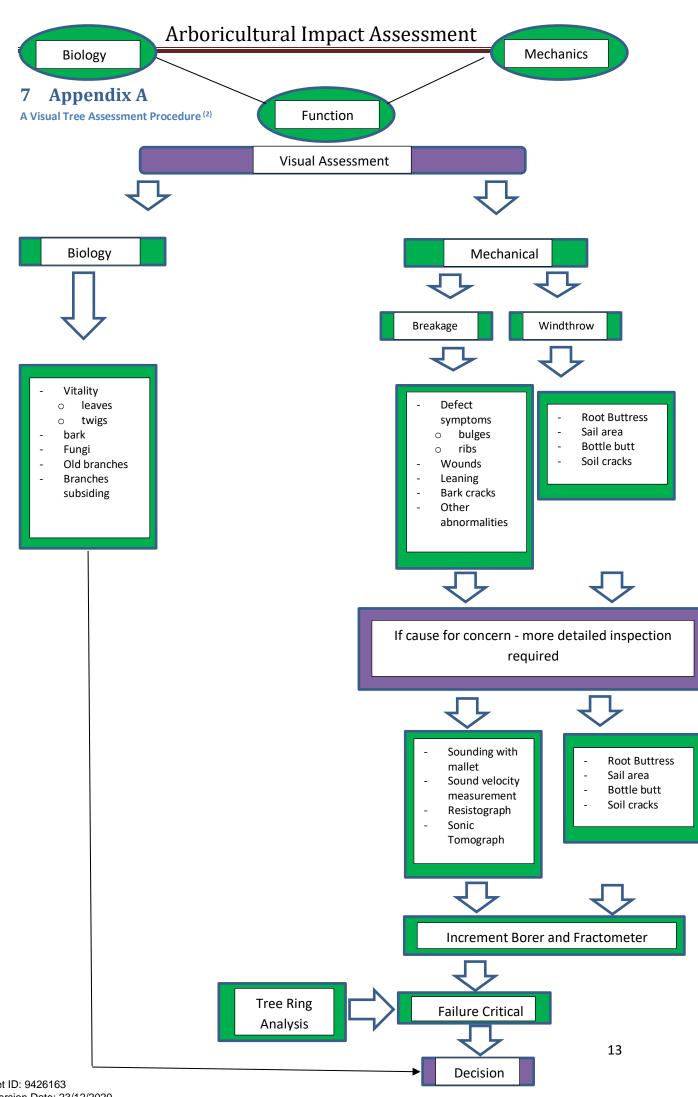
- 1. Removal of trees 1-10 and 13-24.
- 2. Retain trees 11 and 12.
- 3. Tree removal should be conducted by an Arborist with a minimum (Australian Qualification Framework) AQF level 3.
- 4. Work must be undertaken as per the Code of Practice Amenity Tree Industry 1998.
- 5. The tree removal process and staff should be skilled and undertake the removal of the tree as per the minimum industry standards.
- 6. Appoint project arborist. Minimum AQF Level 5 with 5 years' experience.
- 7. Retain and protect trees as per tree protection plan section 7.1. This involves physical fencing of the retained trees along the boundary. See Section 7 Appendix G for specifications.

5 Project Arborist Monitoring Stages

Stage	Type of Monitoring	What is required
1	Ensure tree protection has	Tree Protection Certification
	been installed as per tree	
	protection plan section 7.1	
2	Final certification regarding	Final certificate supplied for
	the health and condition of	occupation certificate
	trees 9 and 10 after	
	construction.	

6 References

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- 7. Penrith City Council, Trees. https://www.penrithcity.nsw.gov.au/waste-environment/environment/treesViewed 17th December 2020.
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Appendix B Tree locations FIBRO SHED 5:4 D:0.2 H:8 6 5:4 D:0.2 H:8 10 CONCRETE CONCRETE GRASS 15 16 13 CONCRETE 18 1 17 19 DP 109053 1296m² (BY TITLE) CONCRETE 21 20 H:8 PATIO ST CONCRETE ANAS CONCRETE CONCRETE GRASS 24 185°51°50" 54.740 GLESSO.

14

Tree protection fencing

7.2 Appendix C Methodology for Determining Tree Retention Value

The aim of this process is to determine the relative value of each tree for retention (i.e. its Retention Value) in the context of development. This methodology assists in the decision-making process by using a systematic approach. The key objective of process is to ensure the retention of good quality trees that make a positive contribution to these values and ensure that adequate space is provided for their long term preservation. The Retention Value of a tree is a balance between its sustainability in the setting in which it is located (the 'landscape') and its significance within that setting (landscape significance).

Step 1: Determining the Landscape Significance Rating

The 'landscape significance' of a tree is a measure of its contribution to amenity, heritage, and ecological values. While these values are fairly subjective and difficult to assess consistently, some measure is necessary to assist in determining the Retention Value of each tree. To ensure in a consistent approach, the assessment criterion shown in Table 2 should be used. A Tree may be considered 'significant' for one or more reasons. A tree may meet one or more of the criteria in any value category (heritage, ecology or amenity) shown in Table 2 to achieve the specified rating. For example, a tree may be considered 'significant' and given a rating of 1, even if it is only significant based on the amenity criteria.

Based in the criterion in this table, each tree should be assigned a landscape significance rating as follows:

- 1. Significant
- 2. Very High
- 3. High
- 4. Moderate
- 5. Low
- 6. Very Low
- 7. Insignificant

Step 2: Determining Safe Useful Life Expectancy (SULE)

The sustainability of a tree in the landscape is a measure of its remaining lifespan in consideration of its current health, condition and suitability to the locality and site conditions. The assessment of the remaining lifespan of a tree is a fairly objective assessment when carried out by a qualified Consulting Arborist. Once a visual assessment of each tree is completed (using the Visual Tree Assessment criteria), the arborist can make an informed judgement about the quality and remaining lifespan of each tree. The Safe Useful Life Expectancy (SULE) methodology (refer to Table 3) can be used to categorise trees as follows:

- Long (Greater than 40 years)
- Medium (Between 15 and 40 years)
- Short (Between 5 and 15 years)
- Transient (less than 5 years)
- Dead or Hazardous (no remaining SULE)

The SULE of a tree is calculated based on an estimate of the average lifespan of the species in an urban area, less its estimated current age and then further modified where necessary in consideration of its current health, condition (structural integrity) and suitability to the site.

7.3 Appendix D Table 2 Step 1 Landscape Significance Rating

RATINGS	HERITAGE VALUE	ECOLOGICAL VALUE	AMENITY VALUE
1. SIGNIFICANT	The subject tree is listed as a Heritage item under the Local Environment Plan (LEP) with a local, state, or national level of significance or is listed on Council's Significant Tree Register.	The subject tree is scheduled as a Threatened Species as defined under the Threatened Species Conversation Act 1995 (NSW) or the Environmental Protection and Biodiversity Conservation Act 1999.	The subject tree has a very large live crown size exceeding 100m2 with normal to dense foliage cover, is located in a visually prominent position in the landscape, exhibits very good form and habit typical of the species.
	The subject tree forms part of the curtilage of a Heritage Item (building/structure/artefact as defined under the LEP) and has a known or documented association with that item.	The tree is a locally indigenous species, representative of the original vegetation of the area and is known as an important food, shelter or nesting tree for endangered or threatened fauna species.	The Subject tree makes a significant contribution to the amenity and visual character of the area by creating a sense of place or creating a sense of identity.
	The subject tree is a Commemorative Planting having been planted by an important historical person (s) or to commemorate an important historical event.	The subject tree is a Remnant Tree, being a tree in existence prior to development of the area.	The tree is visually prominent in view form surrounding areas, being a landmark or visible from a considerable distance.
2. VERY HIGH	The tree has a strong historical association with a heritage item (building/structure/artefact/garden etc) within or adjacent the property and/or exemplifies a particular era or style of landscape design associated with the original development of the site.	The tree is a locally indigenous species representative of the original vegetation of the area and is a dominant or associated canopy species of an Endangered Ecological Community (EEC) formerly occurring in the area occupied by the site.	The subject tree has a very large live crown size exceeding 60m2, a crown density exceeding 70% (normal-dense), is a very good representative of the species in terms of its form and branching habit or is aesthetically distinctive and makes a positive contribution to the visual character and the amenity of the area.
3. HIGH	The tree has a suspected historical association with a heritage item or landscape supported by anecdotal or visual evidence.	The tree is a locally indigenous and representative of the original vegetation of the area and the tree is located within a defined vegetation link/wildlife corridor or has known wildlife habitat value.	The tree is a good representative of the species in terms of its form and branching habit with minor deviations from normal (e.g. crown distortion/suppression) with a crown density of at least 70% (normal); The subject tree is visible form the street and/or surrounding properties and makes a positive contribution to the visual character and the amenity of the area.
4. MODERATE	The tree has no known or suspected historical association but does not detract or diminish the value the value of the item and is sympathetic to the original era of planting.	The subject tree is a non-local native or exotic species that is protected under the provisions of the DCP.	The subject tree has a medium live crown size exceeding 25m ² ; The tree is a fair representative of the species, exhibiting moderate deviations from typical form (distortion/suppression etc) with a crown density of more than 50% (thinning to normal).
			The tree is visible from surrounding properties but is not visually prominent- view may be partially obscured by other vegetation or built forms. The tree makes a fair contribution to the visual character and amenity of the area.
5. LOW	The subject tree detracts from heritage values and diminishes the value of the heritage item.	The subject tree is scheduled as exempt (not protected) under the provisions of this DCP due to its species, nuisance or position relative to buildings or other structures.	The subject tree has a small live crown of less than 25m² and can be replaced within the short term (5-10 years) with new tree planting.
6. VERY LOW	The subject tree is causing significant damage to a heritage item.	The subject tree is listed as an Environment Weed Species in the Local Government Area, being invasive, or is a nuisance species.	The subject tree is not visible from surrounding properties (visibility obscured) and makes a negligible contribution or has a negative impact on the amenity and visual character of the area. The tree is a poor representative of the species, showing significant deviations from the typical form and branching habit with a crown density of less than 50%.

7.4 Appendix E Table 3 Estimating Safe Useful Life Expectancy (SULE) Step 2

1	Estimate the age of the tree		
2	Establish the average life span of the sp	ecies	
3	Determine whether the average life span	n nee	ds to be modified due to local environmental situation
4	Estimate consision life consistence		
4	Estimate remaining life expectancy		
	Life Expectancy =	: [average modified life span of species - age of tree
5	Consider how health may affect safety (& long	gevity)
	•		
6	Consider how tree structure may affect s	safety	,
7	Consider how location will affect safety		
8	Determine safe life expectancy		
	Safe Life Expectancy =	:	life expectancy modified by health, structure and location
9	Consider economics of management (co	ost vs	benefit of retention)
40			
10	Consider adverse impacts on better tree	es	
11	Consider sustaining amenity - making sp	naco i	for now trope
	Consider sustaining amenity - making sp	pace	of flew trees
12	Determine SULE		
	Safe Useful Life Expectancy =	. [safe life expectancy modified by economics, effects on better trees and sustaining amenity

Ref. Barrell, Jeremy (1996)

Pre-development Tree Assessment

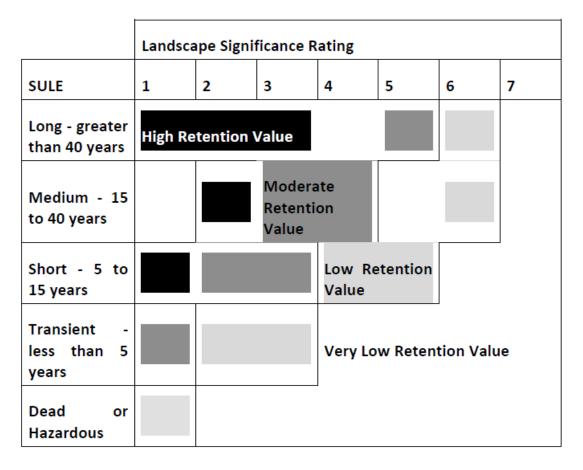
Proceedings of the International Conference on Trees and Building Sites (Chicago)
International Society of arboriculture, Illinois, USA

7.5 Appendix F Table 4 Determining Tree Retention Values

The Retention Value of a tree is increased or diminished based on its sustainability in the landscape, which is expressed as its SULE. A tree that has a high Landscape Significance Rating, but low remaining SULE, has a diminished value for retention and therefore has an appropriate Retention Value assigned. Conversely a tree with a low Landscape Significance Rating even with a long remaining SULE, is also considered of low Retention Value. This logic is reflected in the matrix shown in Table 1.

Once the landscape Significance Rating and SULE category have been determined, the following matrix can be used to determine a relative value (or priority) for retention:

TABLE 1 - DETERMINING TREE RETENTION VALUES



8 Appendix G Tree Protection specifications

Tree Protection Fencing (See Figure 3 below)

Tree protection is to be carried out on all trees to be retained on site.

All fencing should be at the perimeter of the Tree Protection Zone (TPZ).

The TPZ must be enclosed with a fully supporting chainmesh protective fencing. The fencing shall be secure and fastened to prevent movement. The fencing shall have a lockable opening for access. Roots greater than 30mm diameter are not to be damaged/severed during the construction of the fence. See Figure 3 Drawing taken from AS 4970-2009below.

The enclosed area must be free of weeds and grass, the application of a 75mm layer of leaf mulch to the tree protection zone (TPZ) must be maintained for the duration of works.

Two signs on either side of the fencing are to be erected showing the name and contact details of the site Arborist and the words NO ENTRY clearly written.

No work is to be undertaken within this Tree Protection Zone; this includes:

- -No removal or pruning of trees
- -No construction, stockpiling or storage of chemicals, soil, and cement. Or the movement of machinery, parking and personnel is to occur within the TPZ.
- -No refuelling, dumping of waste, placement of fill or Soil level changes.
- -No lighting of fires or physical damage to protected trees.
- -No temporary or permanent installation of utilities or signs.
- -No service trenches should pass through the TPZ, unless approved and supervised by the project arborist.

Example of tree protection fencing



Figure 3 Drawing taken from AS 4970-2009

9 Qualifications and Experience

TRISTAN BRADSHAW

Industry Licence AL1286-1

Professional Memberships

Member of the International Society of Arboriculture. No: 157768

Member of Arboriculture Australia No. 1286

Qualifications

2016-2018 Graduate Certificate in Arboriculture AQF8 at Melbourne University.

2015 Tree Risk Assessment Qualification (TRAQ)

2013-2014 Diploma of Arboriculture AQF5 at Ryde TAFE. Distinction

2012 Certificate III in Arboriculture at Ryde TAFE

2011 Certificate IV in Occupational Health and Safety

2010 Aboriginal Sites Awareness Course by Aboriginal Heritage Office

1996-1999 Bachelor of Horticultural Science at University of Sydney. Honours+

Tristan Bradshaw has been involved in the Horticultural and Arboricultural Industry since 1995. The business Bradshaw Horticultural Services was formed and incorporated Horticultural consulting work and landscaping. In 2000 Tristan undertook the Level 2 Arboriculture course at Ryde TAFE. The business progressively specialised in consulting, tree removal, pruning and stump grinding works. Extensive hands-on knowledge was developed during the climbing of trees undertaking pruning or removal and during storm events understanding the tolerances of trees.

In 2009 the new business name Bradshaw Tree Services was registered to reflect works only being undertaken in the tree industry. The business operated throughout Sydney employing up to 25 people. Tristan Bradshaw's main role was as a consultant advising clients and writing reports. In 2019 Bradshaw Tree Services ceased operations and Tristan Bradshaw began Bradshaw Consulting Arborists exclusively undertaking tree consultancy.

Tristan Bradshaw with continued education has attained a Level 8 qualification, attends the annual Arboriculture conferences taking part in the seminars to broaden his knowledge.

This assessment was carried out from the ground and covers what was reasonably able to be assessed and available to this assessor at the time of inspection. No subterranean inspections were carried out. The preservation methods recommended where applicable are not a guarantee of the tree survival but are designed to reduce impacts and give the trees the best possible chance of adapting to new surroundings.

Limitations on the use of this report:

This report is to be utilised in its entirety only. Any written or verbal submission, report or presentation that includes statements taken from the findings, discussions, conclusions or recommendations made in this report, may only be used where the whole or the original report is referenced in, and directly attached to that submission, report or presentation.

Assumptions:

Care has been taken to obtain information from reliable resources. All data has been verified insofar as possible: however, Bradshaw Consulting Arborists can neither guarantee nor be responsible for the accuracy of information provided by others.

Unless stated otherwise:

- -Information contained in this report covers only the tree/s that was/were examined and reflects the condition of the tree at the time of the assessment: and
- -The inspection was limited to visual examination of the subject tree without dissection, excavation, probing or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the subject tree may not arise in the future.
- -The assessment does not identify hazards and associated risk; this report is not a risk assessment.

Yours sincerely,



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