

Tree Management Report – 69 National Circuit, Deakin

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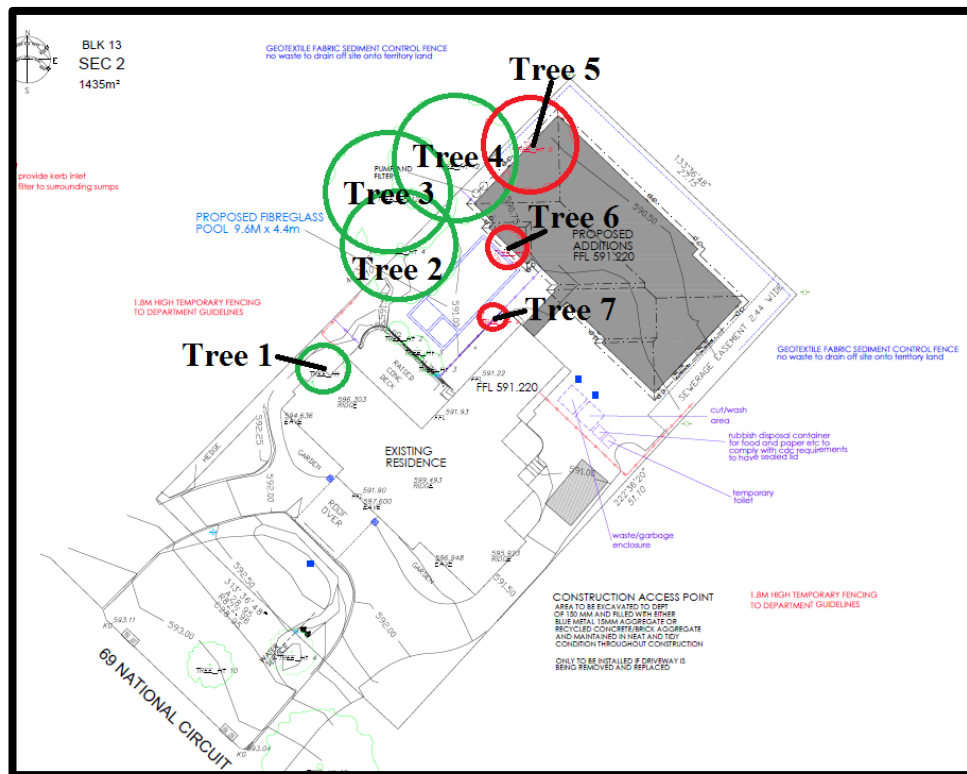


Figure 1. Shows the site and trees to be retained (in green) and trees to be removed (in red) at 69 National Circuit, Deakin.

Purpose of the report

This impartial report was requested by Arkitex Design Solutions for 69 National Circuit, Deakin (Block 13, Section 2). The site is proposed to be redeveloped as per the footprint design in Figure 1.

The purpose of the report is to:

- Provide the client with technical arboricultural advice of the trees located on the site
- Identify the trees on the site that are to be retained and provide recommendations on protecting them through the proposed redevelopment of the site
- Identify trees that require removal and provide justifications for their removal and
- Provide any other recommendations that may assist with the development of the site.

Details of trees

Tree 1

Species	Height	DBH	Health	Condition	Recommendation
Various shrubs	3m	Not taken	Fair	Fair	Retain and protect
Significance rating (STARS)	Significance	ELE	Retention Value	Protected	Date of report
	Low	Short	Low	No	27/02/2020



The shrubs noted as Tree 1 are located outside of the redevelopment envelope and are to be retained and protected throughout the development process.

Tree 2

Species	Height	Circ.@1m	Health	Condition	Recommendation
<i>Robinia pseudoacacia</i>	8m	Not Taken	Fair-Poor	Fair	Retain and protect
Significance rating (STARS)	Significance	ELE	Retention Value	Protected	Date of report
	Low	Medium	Low (neighbour's tree)	No	27/02/2020



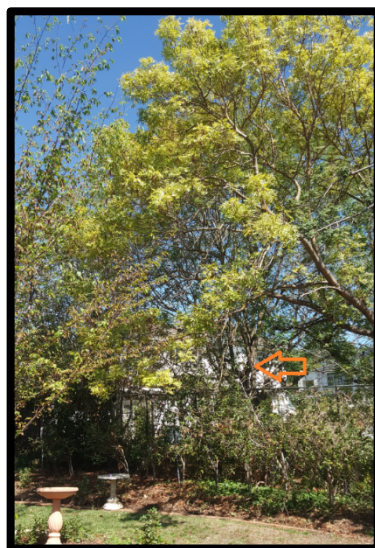
Tree 2 is located within the lease of the neighbouring block (Block 14 section 2) and does not appear to be regulated size and therefore not protected under the *Tree Protection Act 2005* (TPA).

Given that Tree 2 is located on the neighbouring block, all measures should be undertaken to protect and retain the tree throughout the redevelopment of the area.

Recommendation: Retain and protect.

Tree 3

Species	Height	Circ.@1m	Health	Condition	Recommendation
<i>Pistacia sp.</i>	10.5m	Not Taken	Fair-Poor	Fair	Retain and protect
Significance rating	Significance	ELE	Retention Value	Protected	Date of report
(STARS)	Low	Medium	Low (neighbour's tree)	No	27/02/2020



Tree 3 is located within the lease of the neighbouring block (Block 14 section 2) and does not appear to be a regulated size.

Given that Tree 3 is located on the neighbouring block, all measures should be undertaken to protect and retain the tree throughout the redevelopment of the area.

Recommendation: Retain and protect.

Tree 4

Species	Height	Circ.@1m	Health	Condition	Recommendation
<i>Fraxinus excelsior 'aurea'</i>	9m	Not Taken	Fair	Fair	Retain and protect
Significance rating	Significance	ELE	Retention Value	Protected	Date of report
(STARS)	Low	Medium	Medium (neighbour's tree)	No	27/02/2020



Tree 4 is located within the lease of the neighbouring block (Block 14 section 2) and does not appear to be a regulated size.

Given that Tree 4 is located on the neighbouring block, all measures should be undertaken to protect and retain the tree throughout the redevelopment of the area.

Recommendation: Retain and protect.

Tree 5

Species	Height	Circ.@1m	Health	Condition	Recommendation
	8 m	190	Fair-Poor	Poor	Remove
Significance rating (STARS)	Significance	ELE	Retention Value	Protected	Date of report
	Low	Medium	Low	Yes (TPA)	27/02/2020



Tree 5 is located within the lease, and given the circumference of the trunk at 1m above ground level was assessed as being of a regulated size and is therefore not protected under the *Tree Protection Act 2005*.

Tree 5 has received heavy pruning and canopy reduction. The tree is multi leadered and is likely to have large amounts of epicormic growth as a result of the pruning.

Tree 5 is within the development area and will require approval for its removal for the development to proceed.

Recommendation: Given the low retention value, it is recommended to have this tree removed and support the development to proceed.

Tree 6

Species	Height	Circ.@1m	Health	Condition	Recommendation
<i>Prunus serrulata</i>	6.5	36, 26	Fair-poor	Fair	Remove
Significance rating	Significance	ELE	Retention Value	Protected	Date of report
(STARS)	Low	Medium	Low	No	27/02/2020



Tree 6 is located within the lease, however was measured and is not a regulated size.

Recommendation:

Tree 7

Species	Height	Circ @ 1m	Health	Condition	Recommendation
<i>Prunus cerasifera nigra</i>	5m	22, 26, 18	Fair-Poor	Fair	Remove
Significance rating	Significance	ELE	Retention Value	Protected	Date of report
(STARS)	Low	Short	Low	No	27/02/2020



Tree 7 is inappropriately located beneath the eave and guttering. Further growth of the tree is only going to cause damage to the guttering and eave.

Recommendation: Have tree removed and look to incorporate a more suitable tree/shrub for this location.

Potential issues with the development and findings

1/ Removal of trees due to the close proximity of the development to the trees.

Given the footprint of the development proposal has been placed over Trees 5 and 6, these trees will require removal for the development to proceed.

2/ Unnecessary damage to the tree protection zones (TPZ's) of the neighbouring trees.

There is potential for neighbouring trees to be impacted by the proposed development if tree protection methods are not used. This is largely due clearing and working within the TPZ of Tree 4 and the installation of the swimming pool adjacent to Tree 2.

From the assessment of the plans and trees, it is unlikely that the proposed works and development will impact the overall health or condition of these trees.

Retaining the boundary fence line in situ throughout the development will assist with the protection of the neighbouring trees.

3/ Additional compaction to the site.

Reduce compaction and unnecessary damage to the area adjacent to the TPZs by having all access to the site through the current driveway area and not through any of the neighbouring properties.

4/ To assist with monitoring the trees and their health and condition, set hold points during the construction phases and installation of services for a suitably qualified arborist to oversee any works within the TPZs. If an arborist is engaged, they should hold a minimum Certificate V in Arboriculture (AQF*5 Arborist).

Please do not hesitate to contact me if you require any further information or clarification about the report.

Thank you,



Matt Badham

Expertise of Consultant

Education and experience:

- Diploma in Arboriculture, Ryde TAFE, Sydney NSW (2012)
- VALID Tree risk assessment training, Canberra ACT (2019)
- VALID Tree risk assessment workshop, Sydney NSW (2017)
- Tree Anatomy Workshop (Three day workshop) training, Adelaide SA (2015)
- Tree Risk Assessment Qualification (TRAQ), Melbourne VIC (2014)
- Quantified Tree Risk Assessment (QTRA) training, Melbourne VIC (2014)
- Quantified Tree Risk Assessment (QTRA), Visual tree inspection (VTA) training, Melbourne VIC (2014)
- Diploma in Horticulture, Canberra Institute of Technology (CIT), ACT (2006)
- Certificate III in Arboriculture, CIT, ACT (2008)
- Certificate IV in Horticulture, CIT, ACT (2004)
- Certificate III in Horticulture, CIT, ACT (2003)
- 2 day intensive tree hazard risk training with resistograph and quantifying structural strengths of defective trees, IML in Canberra, ACT (2012).
- Fourteen years' experience in tree assessments and administering required works for the Federal and ACT Government
- Twenty-five years' experience in the field of arboriculture, horticulture and maintenance works.

Conferences attended:

- International Society of Arboriculture (ISA) 2015 Canberra, ACT
- Treenet 2016 Adelaide, SA
- International Society of Arboriculture (ISA) 2015 Adelaide, SA
- International Society of Arboriculture (ISA) 2011 Parramatta, NSW
- International Society of Arboriculture (ISA) 2008 Brisbane, QLD
- Green X 2007 Penrith, NSW
- International Society of Arboriculture (ISA) 2006 Launceston, TAS
- Treenet 2005 Ryde, NSW

Bibliography

Draper, D. and Richards, P. *Dictionary for managing trees*, 2009.

Pryor, L. and Banks, J. *Trees and Shrubs in Canberra*, 2001.

Web sites

ACTmap*i*

[http://www.actmap*i*.act.gov.au/](http://www.actmap<i>i</i>.act.gov.au/)