



**MONACO**  
DESIGNS PL

## **BASIC TREE ASSESSMENT**

**For:**  
Mr Ram Baskaran

**Site Address:**  
15-17 Garswood Road,  
Glenmore Park

**Site Inspection Date:**  
26<sup>th</sup> August 2020

**Report Issue Date:**  
31<sup>st</sup> August 2020 - DA Issue

**Job No:**  
5592

  
**TREE REPORTS LANDSCAPE PLANS  
VEGETATION MANAGEMENT PLANS**

## **1. Introduction**

1.1 This basic tree assessment has been commissioned by Mr Baskaran to assess the health, condition and impact of the subject trees, as part of a Development Application to Penrith Council for a proposed Childcare Centre.

1.2 This report was not written with the intention of being used in a court of law.

## **2. Method**

2.1 Observations and recordings of the trees were made using the Visual Tree Assessment (VTA) at ground level during a site inspection as noted. Access was available to the property.

2.2 Proposed Survey Plan prepared by East West Surveys (rev 4) was provided for reference.

2.3 Sketch Plan of proposed childcare centre.

2.4 Photographs included within this report were taken at time of initial inspection, unless noted otherwise.

2.5 Construction will be concrete slab and brick veneer, acoustic barriers, new concrete driveway location.

2.6 Crown spreads are taken as an average of the radii, unless the crown is severely distorted or the issue requires more accurate dimensioning.

## **3. The Site**

3.1 The site currently supports a single storey dwelling with large expanses of hard surface.

## 4. Tree Assessment

TREE ASSESSMENT														
No	Scientific Name	Age Class	Health	Condition	Height (m)	Spread (m)	D BH (mm)	(On / Off Site)	Disease	Retention Value	Proposed to be removed or retained	TPZ – AS 4970 (rad. m)	SRZ – AS4970 (rad. m)	Encroach TPZ / SRZ
1	<i>Brachychiton acerifolius</i>	M	G	G	7	6	300	Off	-	Very High	Retained	-	-	No
2	<i>Eucalyptus molucana</i>	M	G	G	14	12	500 Bse	Bdy	-	Very High	Retained	6	2.47	No
3	<i>Corymbia citriodora</i>	M	G	G	14	12	300 Sur	Off	-	Very High	Retained	-	-	No
4	<i>Eucalyptus molucana</i>	M	G	G	14	8	350	On	-	Very High	Retained	4.2	2.13	No
5	<i>Eucalyptus molucana</i>	M	G	G	12	10	400	On	-	Very High	Retained	4.8	2.25	No
6	Not existing													
7	<i>Eucalyptus molucana</i>	M	G	G	16	12	600	On	Y	Very High	Retained	7.2	2.67	?
8	<i>Jacaranda mimosifolia</i>	S	G	G	3	3	150 Bse	On	-	Mod	Removed	-	-	-
9	<i>Fraxinus 'CV'</i>	M	?	G	4	4	200 Bse	On	-	Mod	Removed	-	-	-
10	<i>Malus species</i> (assumed)	M	?	A	4	6	Mul ti	On	Y	Mod	Removed	4.2	2.13	No
11	<i>Jacaranda mimosifolia</i>	S	A	A	2	2	100	On	-	Low	TPO exempt			
12	<i>Corymbia citriodora</i>	M	G	g/a	12	10	300 App	Off	Y	Very High	Retained	3.6	1.99	No
13	<i>Corymbia citriodora</i>	M	G	g/a	12	10	300 app	Off	Y	Very High	Retained	3.6	1.99	No
14	<i>Fraxinus 'CV'</i>	M	?	G	6	8	300	On	Y	Mod	Removed	-	-	-
15	Unidentified - Deciduous	M	?	G	6	12	400	On	-	Mod	Removed	-	-	-
16	<i>Robinia</i> - Dead													
17	<i>Acer saccharinum</i> (assumed)	M	?	G	5	4	100	On	-	Mod/Low	Removed	-	-	-
18	<i>Cupressocyparis 'Leylandii'</i>	M	G	G	5	5	?	On	Y	Low	Removed	-	-	-
19	<i>Cupressocyparis 'Leylandii'</i>	M	G	G	5	5	?	On	Y	Low	Removed	-	-	-
20	<i>Cupressocyparis 'Leylandii'</i>	M	G	A	3	4	?	On	-	Low	Removed	-	-	-
21	Dead													
22	<i>Corymbia citriodora</i>	M	G	G	18	18	400 Bse	Off	-	Very High	Retained	4.8	2.25	No
23	<i>Morus nigra</i>	TPO exempt - 2m high												
24	<i>Morus nigra</i>	TPO exempt – 2m high												
25	<i>Pinus radiata</i>	M	G	G	10	8	300	On	-	Mod/Low	Removed	-	-	-

No	Scientific Name	Age Class	Health	Condition	Height (m)	Spread (m)	D BH (mm)	(On / Off Site)	Disease	Retention Value	Proposed to be removed or retained	TPZ – AS 4970 (rad. m)	SRZ – AS4970 (rad. m)	Encroach TPZ / SRZ
26	<i>Pinus radiata</i>	M	G	G	10	8	350	On	-	Mod/Low	Removed	-	-	-
27	<i>Cupressocyparis 'Leylandii'</i> (Row)	M	a/p	a/p	4 av	-	150 Av	On	Y	Low	Removed	-	-	-
28	<i>Cupressocyparis 'Leylandii'</i> (Row)	S	G	G	4 av	-	150 App	Off	L	High	Retained	1.8	1.49	No
29	<i>Pinus radiata</i>	M	G	G	12	15	500 App	Off	-	High	Retained	6	2.47	No

## 5. Discussion

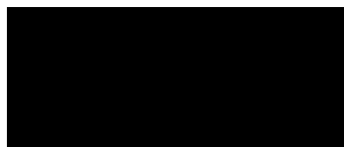
5.1 Trees 7 and 22 will be the only high / very high retention value trees affected by the proposed development.

## 6. Tree Protection / Management

6.1 It is recommended Council condition that trees 4, 5, 7 and 22 are to be protected during the demolition / construction period as per tree protection zones prescribed in Section 4.

6.2 Section 9 outlines typical tree protection method.

Regards  
Paul Monaco



Paul Monaco, Bach. Hort. Sc. (AQF 7), Arboriculture (AQF 5), Bushland Regeneration.  
Landscape and Horticultural Consultant, Consulting Arborist.  
Quantified Tree Risk Assessment (QTRA) - 3923

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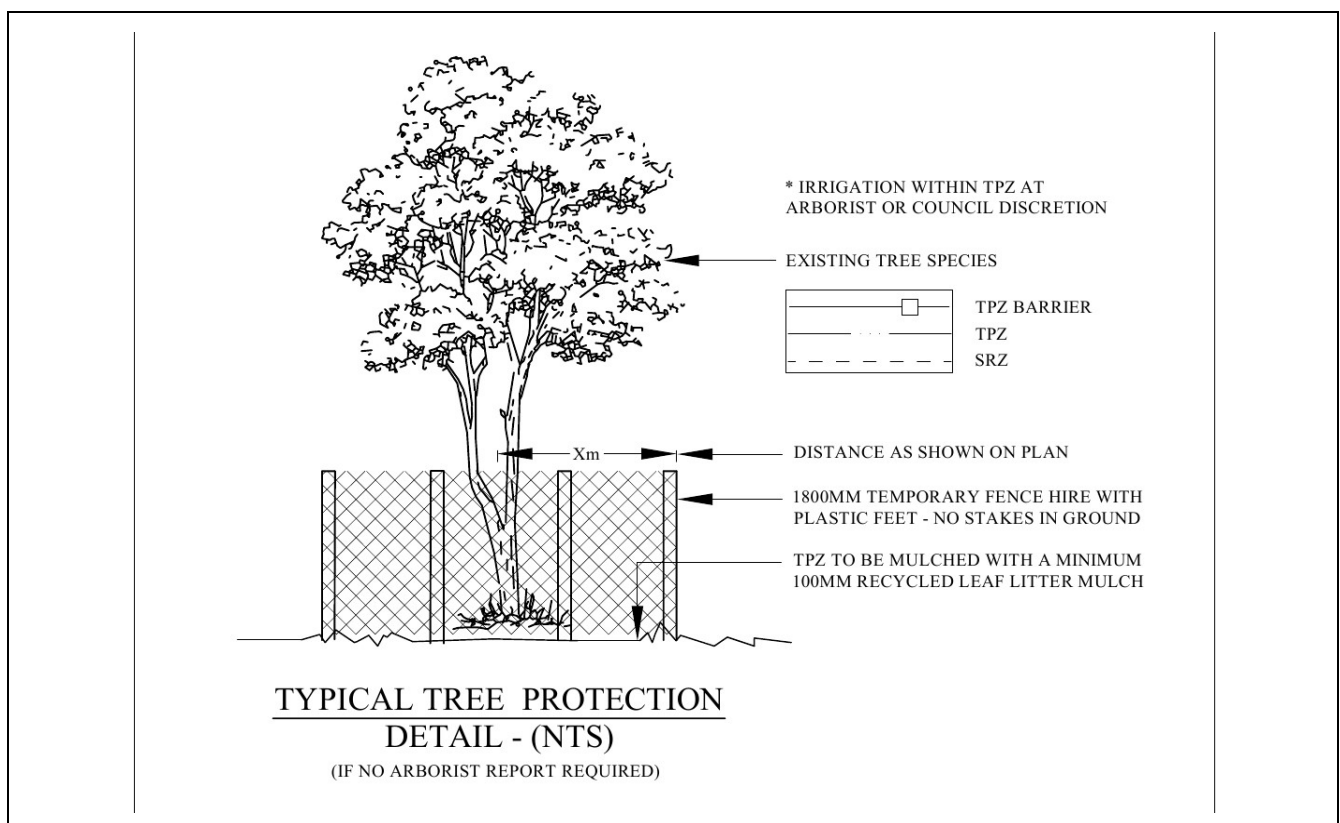
## 7. Limitation of Liability

7.1 This report has been prepared by the arborist and must be accepted on the basis that all reasonable attempts have been made to identify factors and features relevant to the tree(s) specified. Unless otherwise stated, observations have been made by eye from ground level (VTA). No Resistographs, root mapping or other diagnostic tools / methods used unless noted otherwise.

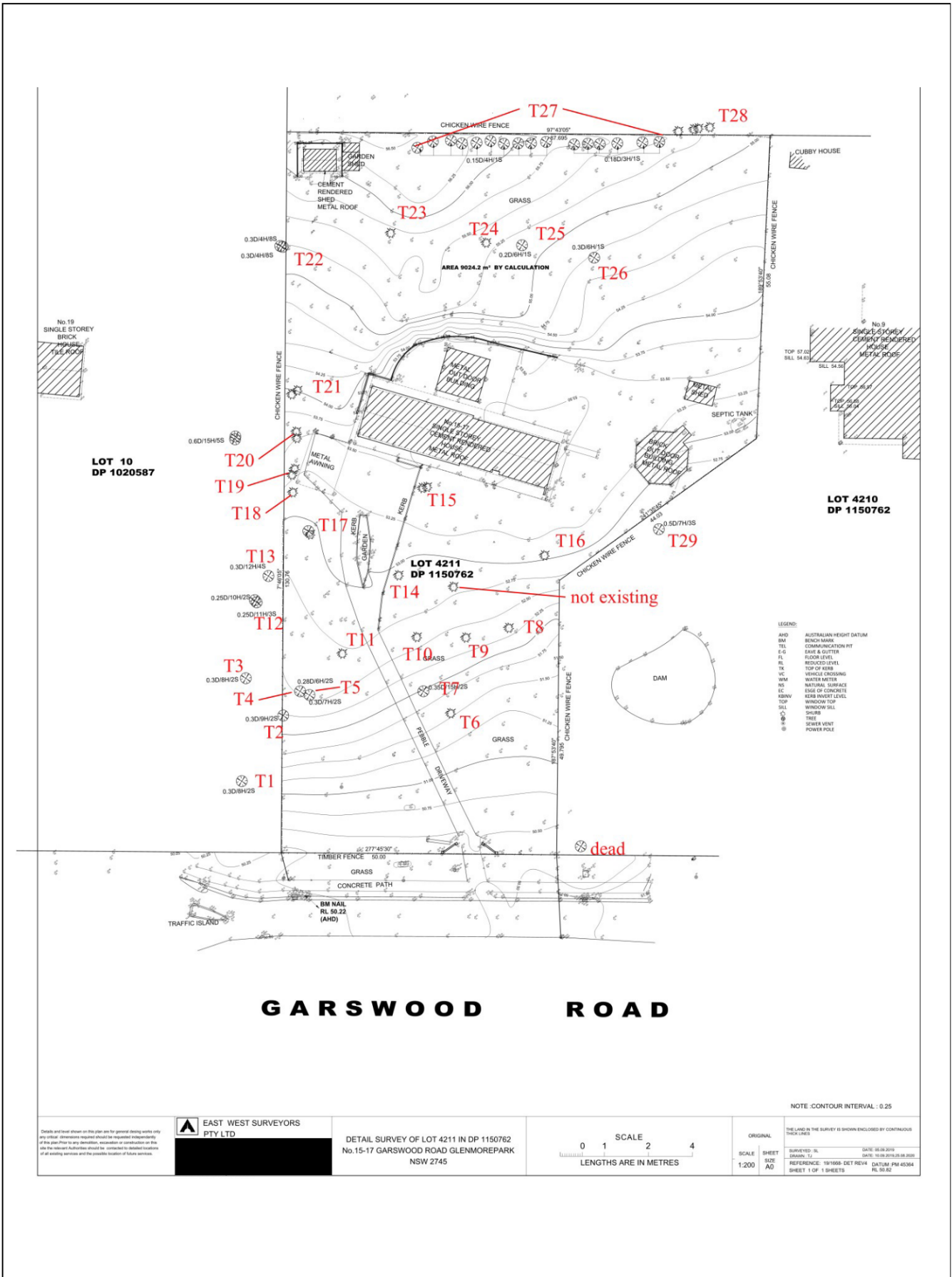
## 8. References / Bibliography

- 8.1 Australian Standard AS 4970-2009 'Protection of Trees on Development Sites'.
- 8.2 Harris, R.W. et al (2004) 'Arboriculture – 4<sup>th</sup> Ed.', Prentice Hall.
- 8.3 Mattheck, C., et al (2015) 'The Body Language of Trees – Encyclopaedia of Visual Tree Assessment', Karlsruhe Institute of Technology – Campus North.
- 8.4 Raven, P.H., et al, (1986) 'Biology of Plants – 4<sup>th</sup> Ed.', Worth Publishers.
- 8.5 Roberts, J., Jackson, N., and Smith, M., (2013) 'Tree Roots in the Built Environment', Arboricultural Association – Research for Amenity Trees No. 8.
- 8.6 Shigo, A. (1997) 'A New Tree Biology', Shigo and Trees Associates.
- 8.7 Shigo, A. (2008) 'Modern Arboriculture', Shigo and Trees Associates.

## 9. Tree Protection Barrier



# 10.Site Plan – NTS





# 11. Photos



Plate 1 – Tree 7



Plate 2 – Tree on Lot 10 front setback



Plate 3 – Tree 14



Plate 4 – Trees 8-10



Plate 5 – Trees 23-26



Plate 6 – Trees 27