



MONACO
D E S I G N S P L

BASIC TREE ASSESSMENT

For:

Ms Alexander and Mr Beaumont

Site Address:

129 Wyandra Ave.,
North Manly

Site Inspection Date:

04th March 2020

Report Issue Date:

12th March 2020 - DA Issue

Job No:

5464

1. Introduction

1.1 This basic tree assessment has been commissioned by Ms Alexander to assess the health, condition and impact of the subject trees, as part of a Development Application to Northern Beaches Council for the demolition of existing dwelling and a proposed two storey dwelling.

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 on 04th March 2020. Access was partially available to the property.

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**TREE REPORTS LANDSCAPE PLANS
VEGETATION MANAGEMENT PLANS**

2.2 Proposed site plan prepared by Clarendon Homes was provided for reference – Job No. 29913993 – Dated 26 Nov 2019

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

2.4 Construction will be concrete slab and brick veneer.

2.5 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 residence with dotted trees and grass.

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>Stenocarpus sinuatus</i>	M	G	A	6	5	200 App	Off	-	Mod	Retained	2.4	1.68	No
2	<i>Camellia species</i>	<5m – TPO exempt												
3	<i>Camellia species</i>	<5m – TPO exempt												
4	<i>Plumeria acutifolia</i>	M	G	g/a	4	8	350 Bse	On	Y	Mod	Removed	-	-	-
5	<i>Jasminum mesnyi</i>	<5m – TPO exempt												
6	<i>Nerium oleander</i>	TPO exempt												
7	<i>Nerium oleander</i>	TPO exempt												
8	<i>Schefflera species</i>	TPO exempt												
9	<i>Nerium oleander</i>	TPO exempt												
10	<i>Glochidion ferdinandii</i>	M	G	A	10	8	300	On	Y	Mod	Removed	-	-	-
11-x3	<i>Pitosporum 'CV'</i>	<5m – TPO exempt												

5. Proposed Impacts on Tree/s

5.1 Tree 1 is a neighbouring specimen. Tree will not be affected by the proposed development and the existing boundary fence will adequately serve as a modified Tree Protection Barrier (TPB).

5.2 Trees 2, 3, 5-9 and 11 are Tree Preservation Order (TPO) exempt.

5.3 Tree 4 is below 5 metres, hence is also TPO exempt. A common species in the environment with typical decay (parenchyma degeneration).

5.4 Tree 10 is 'intertwined' with an Oleander, resulting in an eastern lean. Specimen is proposed to be removed to facilitate development.

6. Tree Protection / Management

6.1 Not Applicable.

7. Recommendations

7.1 Most trees are exempt of insignificant. The Landscape Plan proposed as part of DA checklist will adequately compensate for any loss of canopy, vegetative screening, carbon sequestration etc.



Regards
Paul Monaco

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Landscape and Horticultural Consultant, Consulting Arborist.
Quantified Tree Risk Assessment (QTRA) - 3923

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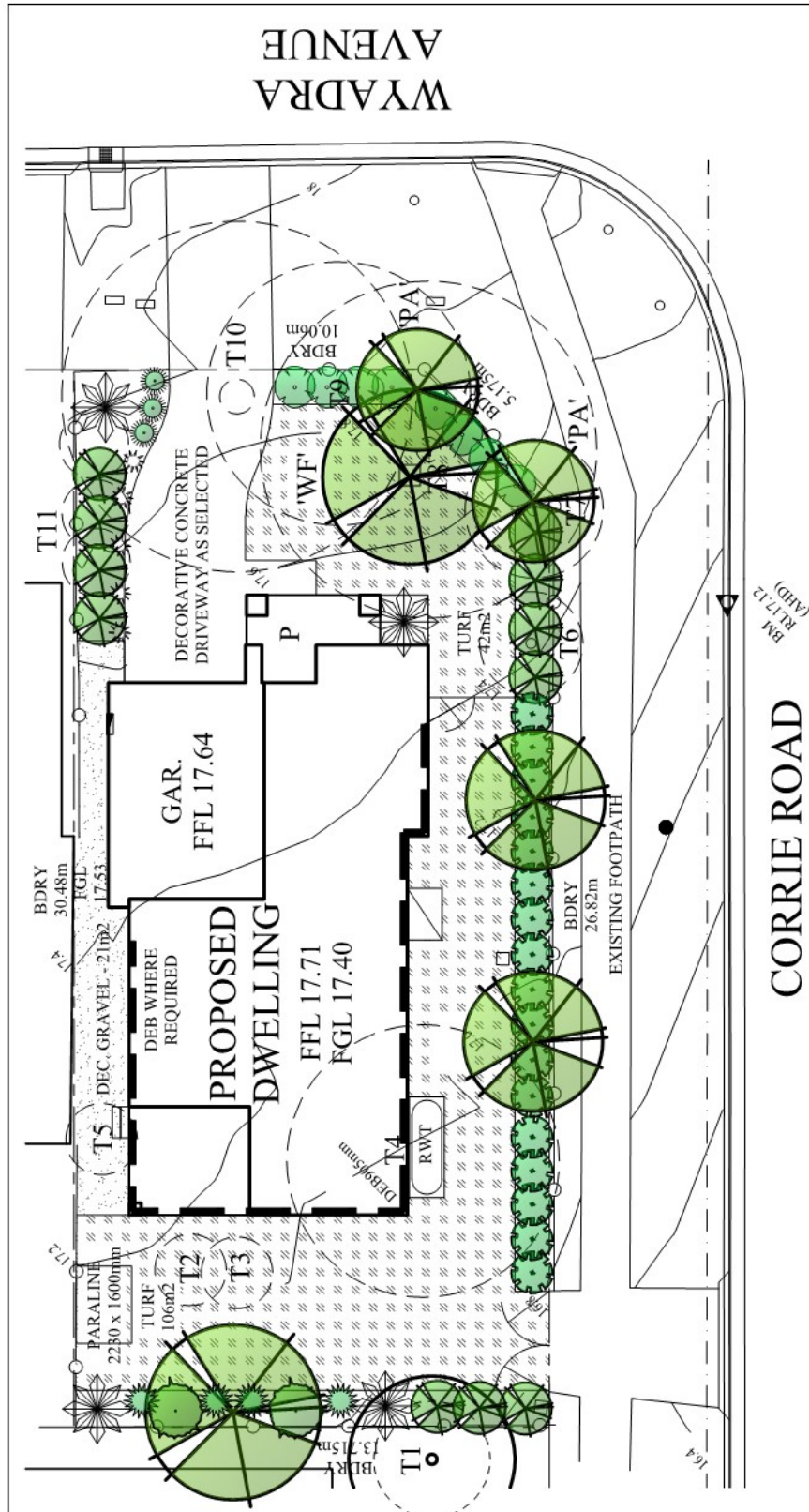
8. Limitation of Liability

8.1 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.

9. References / Bibliography

- 9.1 Australian Standard AS 4970-2009 'Protection of Trees on Development Sites'.
- 9.2 Harris, R.W. et al (2004) 'Arboriculture – 4th Ed.', Prentice Hall.
- 9.3 Mattheck, C. (2007) 'Updated Field Guide for Visual Tree Assessment' 1st edition, Forschungszentrum Karlsruhe GmbH Postfach 3640, D-76021 Karlsruhe.
- 9.4 Raven, P.H., et al, (1986) 'Biology of Plants – 4th Ed.', Worth Publishers.
- 9.5 Roberts, J., Jackson, N., and Smith, M., (2013) 'Tree Roots in the Built Environment', Arboricultural Association – Research for Amenity Trees No. 8.
- 9.6 Shigo, A. (1997) 'A New Tree Biology', Shigo and Trees Associates.
- 9.7 Shigo, A. (2008) 'Modern Arboriculture', Shigo and Trees Associates.

10.Site Plan – NTS – Stripped Landscape Plan



11. PHOTOS



Plate 1 – T1 neighbouring



Plate 2 – T2



Plate 3 – T6-T9 – Corrie Road

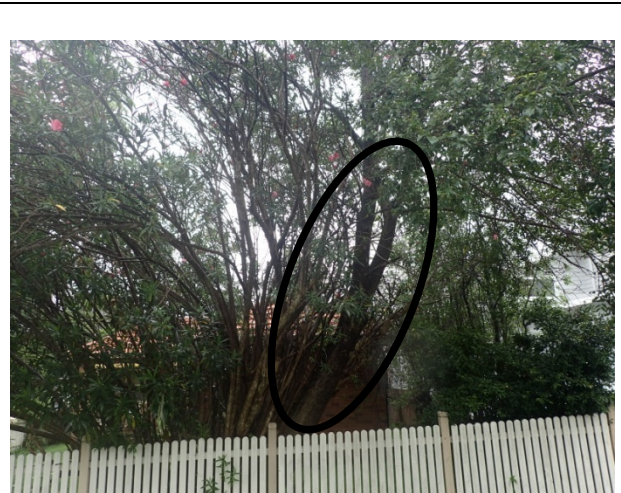


Plate 4 – T10