



BASIC TREE ASSESSMENT

For:

Jin Hong Designs
(Eric Huang)

Site Address:

50 Banks Street,
Padstow

Site Inspection Date:

29.03.23

Report Issue Date:

30.03.23 – DA RFI

Job No:

6399

1. Introduction

1.1 This basic tree assessment has been commissioned by Mr Huang to assess the health, condition and impact of the subject tree, as part of a DA RFI for a proposed dual occupancy development.

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

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Code of Ethics – Value – Honesty - Efficiency

ARBORICULTURAL REPORTS
LANDSCAPE PLANS

2. Method

- 2.1 Observations and recordings of the trees were made using the Visual Tree Assessment (VTA) at ground level.
- 2.2 Stripped dwg Survey – identified tree location.
- 2.3 Photographs included within this report were taken at time of initial inspection, unless noted otherwise.
- 2.4 Construction will include basement.
- 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 an unkempt yard.

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>Callistemon viminalis</i> | M | G | A | 6 | 8 | 328 Bse | Off | Y | Mod/High | Removed | 3.9 | - | - |

* Refer to section 10 for explanation of terminology – Age Class – I=Immature - S=Semi Mature - M=Mature - O=Over mature
Health / Condition / Construction Tolerance – G=Good – A=Average – P=Poor. General - Y=Yes – N=No. (as)=assumed.

5. Discussion

- 5.1 Tree is of high retention value by virtue of being located off site. Crown is slight thinning with some tip dieback, poor pruning cuts and a concrete ring around the base.

6. Conclusion

- 6.1 From an Arboricultural perspective, development could proceed in its current format. The specimen could easily be replaced / supplemented by 2 x specimens on the nature strip.
- 6.2 Furthermore, the Landscape Plan provides for additional trees in the front and rear of each dwelling. Providing the street trees, this equates to a 6:1 replenishment ratio.

Regards
Paul Monaco



Paul Monaco, Bach. Hort. Sc. (AQF 7), Arboriculture (AQF 5), Bushland Regeneration (AQF 3)
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 – 4th 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 – 4th 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. Photo



Plate 1

10. Stripped Landscape Plan

