



BASIC TREE ASSESSMENT

For:
Mr Miletic

Site Address:
31-32 Park Avenue,
Kingswood

Site Inspection Date:
06th October 2020

Report Issue Date:
16th October 2020 - DA Issue

Job No:
5626

1. Introduction

1.1 This basic tree assessment has been commissioned by Mr Miletic to assess the health, condition and impact of the subject trees, as part of a proposed subdivision and Boarding House Development

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. Access was not available to the property, however trees were viewed from adjacent Park. Complete VTA not undertaken.

2.2 Survey by East West Surveys PL – dated 07/09/2020 identified trees.

2.3 Pdf set of Architecturals (R-03) - prepared by Archidrome was provided for reference.

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**TREE REPORTS LANDSCAPE PLANS
VEGETATION MANAGEMENT PLANS**

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.

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 brick and clad residences, with predominately large expanses of lawn.

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>Robinia 'Frisia'</i> | S | G | A | 5 | 8 | 350 | On | Y | Mod | Removed | - | - | - |
| 2 | <i>Jacaranda mimosifolia</i> | M | G | G | 5 | 8 | Tri | On | Y | Mod | Removed | - | - | - |
| 3 | <i>Brachychiton acerifolius</i> | S | G | G | 4 | 4 | 300 App | On | - | Mod | Removed | - | - | - |
| 4 | <i>Liquidamber styraciflua</i> | S/ M | G | ? | 6 | 6 | 200 App | On | ? | Mod | Removed | - | - | - |

5. Discussion

5.1 Tree 1 is typical of the cultivar. The specimen is dual trunked, which appeared to be included. Proposed removal is of minor consequence to the Landscape.

5.2 Tree 2 is a tri trunked Jacaranda that is being constantly lopped beneath powerlines.

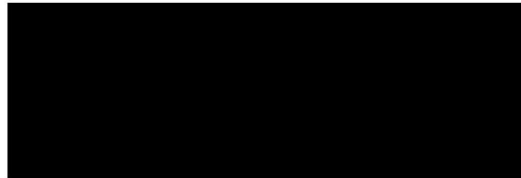
5.3 Tree 3 is an Illawarra Flame. An immature specimen that can easily be replaced.

5.4 Tree 4 is a common specimen in the Landscape that can easily be replaced.

6. Recommendations

6.1 The trees proposed to be removed are common within the landscape and can easily be replaced. The Landscape Plan undertaken by Monaco Designs, will ensure canopy is replenished at minimum 2:1 as compensation.

Regards
Paul Monaco



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Quantified Tree Risk Assessment (QTRA) - 3923

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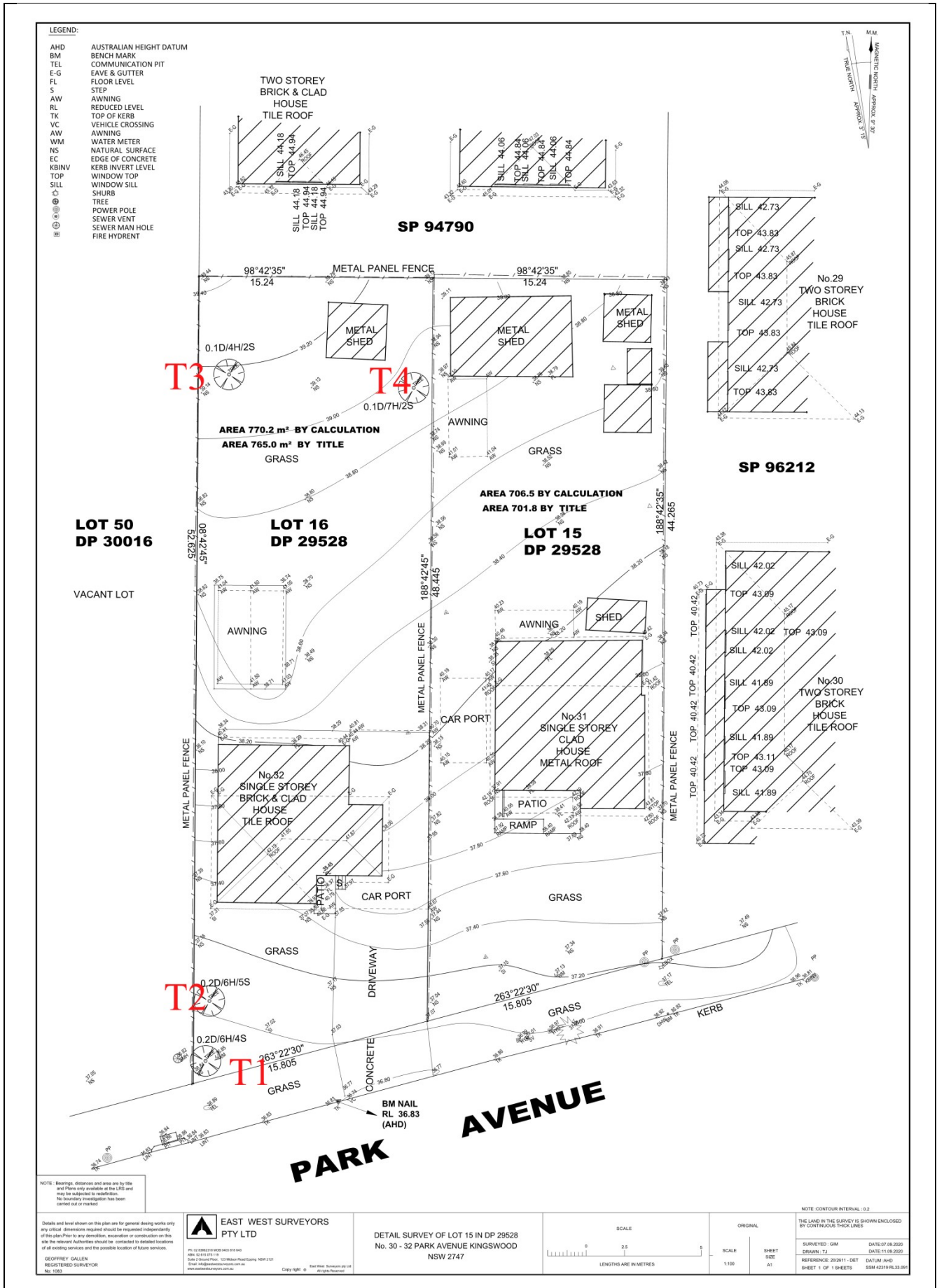
7. Limitation of Liability

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. Survey – NTS



10. Photos



Plate 1 – Front Setback

Plate 2 – Rear Setback