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# **ARBORICULTURAL DEVELOPMENT IMPACT**

## **Section 75W Modification Application of Concept Approval MP09\_0195**

### **Site: 120-128 Herring Road, Macquarie Park, NSW**

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Prepared for Toga Macquarie Developments Pty Ltd

45 Jones Street, Ultimo. NSW

Prepared by Catriona Mackenzie

Consulting arboriculturist, horticulturist and landscape designer.

Principal consultant for Urban Forestry Australia.

**10 August, 2012**

**Rev. 11/10/2012**



## SUMMARY OF APPLICATION

1. The Concept Approval of the overall site (MP09\_0195, issued 25/01/2010), indicated trees to be retained and trees to be removed.
2. The arborist who prepared the Treescan Tree Report March 2010 ("TS") for the site was unavailable to provide further assessment and advice to Toga Group ("TG"), in regard to issues raised with tree retention and implementation of the approved development.
3. Urban Forestry Australia ("UFA") was commissioned by TG to review the approved development documentation, conduct site visits and tree impact assessments and determine the likely effects of development works on the trees to be retained.
4. The TS report was a general tree impact assessment, which did not assess and describe the effects of cumulative excavation and construction impacts on individual trees to be retained in the site. The assessment was inconclusive, stating only that trees on the east boundary "*could possibly be retained*".
5. The tree specific assessments undertaken by UFA revealed there are trees that will experience substantial development impacts, which will detrimentally affect their stability, health and retention viability.
6. UFA has provided four (4) reports dealing with issues raised by TG. Each report deals specifically with an approved building in the site (i.e. Buildings A, B [with addendum], C & D) and describes the cumulative impacts of the development on those trees to be retained as part of the approved site development.
7. Eight (8) living trees to be retained would now require removal to facilitate development, to make certain the safety of site workers and future residents is not jeopardised, and to ensure a long-term sustainable landscape amenity is achieved.

8. The UFA assessments of impacts on trees to be retained identifies the following trees would be removed;

### Building A

- Tree 24 – *Erythrina x sykesii* (Coral Tree) for safety reasons.
- Tree 27 – *Cypress macrocarpa* (Cypress) due to identified, substantial development impacts.
- (Tree 28 – is at risk of adverse impact, although all endeavour will be undertaken to retain the tree).

### Building B

- Trees 21, 22 and 23 – *Eucalyptus punctata* (Grey Gum) due to safety reasons (loss of tree stability confirmed by root mapping) and identifiable, substantial development impacts,

### Buildings C & D

- Tree 2 – *Angophora costata* (Smooth-barked Apple) for safety reasons.
- Tree 15 – *Syncarpia glomulifera* (Turpentine) due to identifiable, substantial development impacts.
- Tree 20 – *Eucalyptus botryoides* (Bangalay) due to identifiable, substantial development impacts.

9. Tree 18 – Shown as retained *and* removed on Tree Management Plans. The author's site visit on 01/08/12 confirmed this tree is dead and has no value to the development or local fauna.
10. The offset plantings proposed in the landscape plans provide for a net gain of canopy trees which will adequately compensate for the removal of trees in the site. These new tree plantings have a far greater prospect for a long useful life in the development.