



“GROWING MY WAY”

Tree Consultants

Established 1977

EXCELLENCE in ALL ASPECTS OF TREE MANAGEMENT

FULL INSURANCE PROTECTION

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29 August 2016

R & j Raine Family

c/o Vaughan Milligan Development Consulting Pty Ltd

PO Box 49

NEWPORT BEACH, NSW 2106

RE: 56 Central Road, Avalon Beach (DA N0/209/16)

Please find helpful the additional information requested by *Pittwater Council* (now *Northern Beaches Council*) assessment officers.

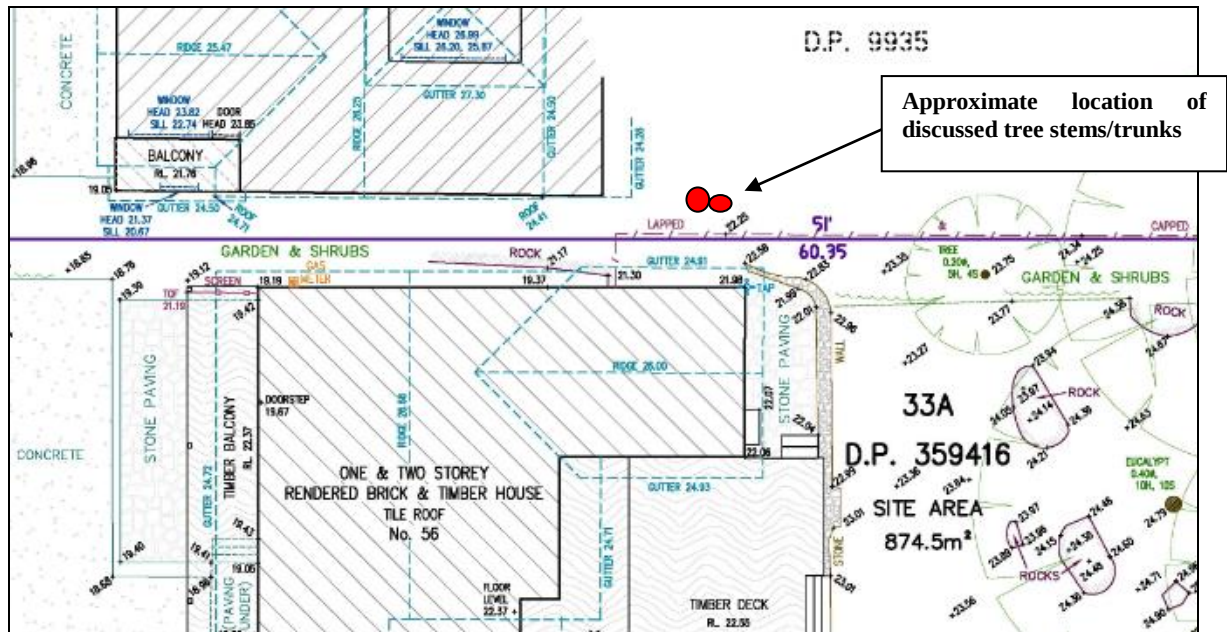
One (1) previously not discussed (May 2016) tree located within the west side adjoining property (58 Central Road) is discussed in this addendum to the “*Arboriculture Impact Assessment for Development Application Submission*” by the “*Growing My Way Tree Consultancy*” (May 2016).

The new discussed tree is confirmed to be a mature *Angophora costata* (Sydney Red Gum). The tree is assessed to be in Good “Health & Vigour”. It is noted to have twin “stems/trunks” (separated @ near ground level, see photographs). One (1) stem/trunk is 0.37m in diameter at breast height, from centre of tree stem/trunk it is approximately 0.86m from the common boundary dividing fence. The second stem/trunk is 0.42m in diameter at breast height, from centre of tree stem/trunk it is approximately 1.17m from the common boundary dividing fence. By the Australian Standard (AS4970-2009 Protection of trees on development sites) provisions this tree is calculated to have a **Tree Protection Zone (TPZ) radial distance of 6.72m & a Structural Root Zone (SRZ) radial distance of 3.09m.**

Existing 56 Central Road infrastructure (i.e. existing residence) is breaches both TPZ & SRZ radial distances. Proposed works (uphill of existing residence footprint) also breaches TPZ & SRZ radial distances.

Whilst the Australian standard discourages any SRZ radial distance breach it does not prohibit a breach provided it can be proven no significant diameter live structural roots will be damaged. (In this instance significant diameter live structural root is defined as being greater than 50mm in diameter.)

Provided existing footings remain in the same position the acknowledged TPZ/SRZ radial distance breaches are not considered to be relevant. Proposed new works relative to TPZ/SRZ radial distance breaches will require a “tree root location investigation” or a modification to the proposed design to a minimal distance of 3.09m from the centre of the largest tree trunk.



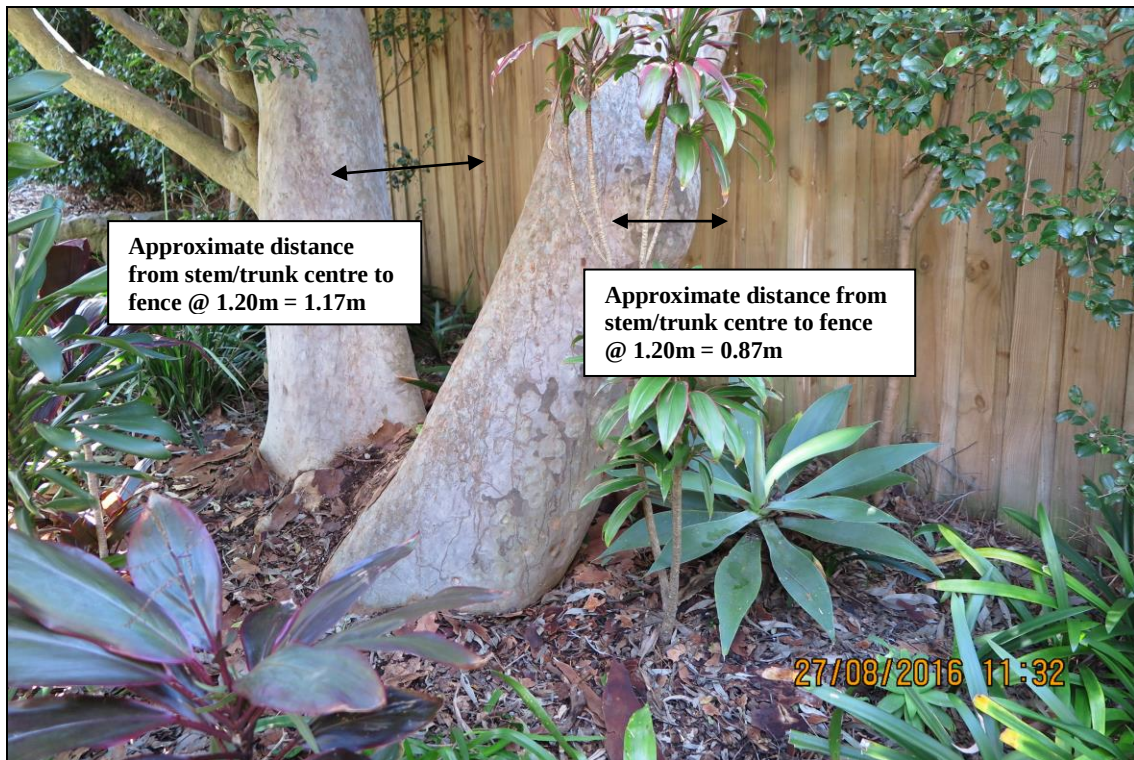


Figure 2: Photographs illustrates tree location relative to existing structures.



Figure 3: Illustrates existing infrastructure & tree canopy.



Please do not hesitate to contact the author of this document by email (kyleahill@optusnet.com.au) or phone (0412 221 962) during normal Monday thru Friday business hours.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'K. Hill'.

(AQF level 5 & 8 Registered, Arb Aus #1884 Practicing/Consultant Arborist)