



10.9.20

Addendum to the AIA report by Koala Arbor Consulting Arborists regarding 56 Beane St, Gosford, NSW (dated 26/02/2020).

Applying the previously outlined Aim and Methodology a further review of required storm-water drain as per the drawings attached will impact a total of three additional trees (No. 11, 12 and 13). These trees will require removal due to major incursions to each TPZ and in some cases SRZ. The incursion results from a 900mmØ storm water pipe, storm water pits, additional 225mmØ storm water pipes and a drainage gully.

None of the incursions calculations include significant benching of the soil to attain the proposed depths which would increase the impact calculated below.

Please note: Several versions of the storm water layout have been made to reduce the impact on these trees with the current version having the lowest impact achievable, however the proposed design still requires tree removal.

These removals are further to any approved or additionally agreed removals on site.

Specifically:

- Tree 11 has a 29.2% incursion.
- Tree 12 has a 21.2% incursion including the SRZ.
- Tree 13 has a 38.1% incursion including the SRZ.

Please see the drawing below for more information regarding the incursion to each tree.

Trees 14, 15 and 16 as shown in the original report (but not shown on the drawing attached) also require removal as they are located on top of the approved storm water pipe.

After a verbal consultation with Brian Pike (Tree Management Officer, Central Coast Council)

on the 10.9.20 the replanting of three smaller to medium sized native trees along the western side of the site can be jointly recommended to offset the loss of trees on the site. This is the maximum number of trees that can be successfully established given the constraints of infrastructure and land size on site. Please note in clause B.6 of a section 4.16 in relation to DA 10132, trees 15 and 16 are to be replaced as per the above if there removal is required.

As such, the species to replanted should be *Harpullia pendula* - Tulipwood as per the landscape plan provided by Site Image Landscape Architects.

Please feel free to contact myself if you have any questions or if I can be of any more help in this matter moving forward.



Kind regards
David Shrimpton
Koala Arbor Consulting Arborists

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