

29 September 2020

C91793

Oscar Guzman
Lighthouse Project Group
Level 2
56 Berry Street
North Sydney NSW 2060

Addendum – Frenchs Forest Bushland Cemetery (FFBC) Chapel and Function Centre Development – Arboricultural Impact Assessment (AIA) (C91793), ArborSafe, 27 March 2020

Dear Oscar,

This Addendum letter has been requested by the Lighthouse Project Group on behalf of Northern Metropolitan Cemeteries Land Managers in relation to revised comments and recommendations regarding Tree 207 *Eucalyptus pilularis* (Blackbutt), located within Frenchs Forest Bushland Cemetery Site and part of the proposed Chapel and Function Centre redevelopment site as part of DA submission (DA2020/0484). The amended recommendation follows:

- A review of the updated detailed design (*Finishes Plan 03, FFBC, Sheet L-13, Issue J, Spackman Mossop Michaels Landscape Architects, 17.8.2020*),
- A discussion with the Client regarding the timing and intricacies of a possible future Ash Garden component within part of the trees northern TPZ,
- In response to the comments and concerns expressed about the subject tree in the Northern Beaches Council Natural Environment Referral Response (Biodiversity)

Tree 207 is now recommended for retention, with minimal negative impacts to the trees ongoing health or stability considered likely following the completion of the development. This assumption is based on the following general tree protection measures as outlined in 8.2 – 8.13 of the original ArborSafe AIA Report being adhered to and undertaken, as well as the following new recommendations:

1. The proposed new pedestrian bridge and access pathway, which crosses the northern section of the TPZ, is to be built above grade, with the small localised excavation required for the pier foundations anticipated to have minimal negative root impact. The minimal impact consideration is due to the excavations being at the extremity of the TPZ area, within the 'feeder root' area. The excavations would likely be undertaken by hand and/or with a lightweight tracked machine and/or with a larger machine sitting outside the TPZ area.
2. The existing internal access driveway, where it crosses the TPZ of Tree 207, will be resurfaced with asphalt. This work will be above existing grade on the preconstructed road subsurface area where it is expected to have no impact on the trees existing root system.

3. The other general landscaping works (improved grassed area & installation of garden beds) within the trees TPZ do not involve large structural works, extensive excavations and/or level changes and would be considered a neutral impact if ground protection is used where soil compaction could result during the delivery of materials by larger machines.

In the original AIA an ash garden was proposed within the trees northern TPZ. The current plans do not detail or show this, but the intent is to possibly incorporate a garden into the area at some future time. The general design concept of an ash garden, as described by the Client, is a manicured pedestrian accessible garden area with above grade features (large rocks etc) able to hold multiple memorial plaques. No significant excavation or level changes would be required to accommodate this feature, and footpaths would be constructed above grade of a permeable surface (refer to 8.2.2 of original AIA), therefore minimal long-term impact to the tree is anticipated.

ArborSafe Australia Pty Ltd aims to provide its clients with objective, professional and clear advice in relation to the successful management and maintenance of trees and their landscape. If further advice or explanation is required, please feel free to contact ArborSafe on 1300 ARBOR1 (272 671).

Regards



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