

Blue Pacific Constructions P/L

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To Northern Beaches Council Traffic Engineer

c/ Phillip Devon

Re response to DA 2021/0669 Traffic Management Plan

Request to delete the condition over Shaker Requirement

Dear Sir, Thanks for meeting on site 6/08/21 regards the Traffic Management Plan

Re the following

1. removal of the condition for a shaker on site.

I meant with Phillip Devon at the Boat House in August to discuss the requirement for a shaker. Once he seen the location, he advised we ask for a change in the condition.

Removal of the requirement for a Shaker for trucks and vehicles entering and leaving the site.

In the response from traffic a requirement for shaker for vehicles was included. We have an issue with this due to its required location to be effective at the entrance to the site. This would require its construction in the drip zone and structural root zone of the Tree.

Extracts from Arborist Report

- 3.3.2 The trees have TPZ offsets between 9.0m –11.4m radius, measured from the centre of their trunks. Much of the TPZ's are currently covered by non- and semi-permeable pavements (i.e. concrete and bitumen, pavers on ground) and various structures such as tables and planter boxes. The area occupied by the combined TPZ's of the trees is vast, extending into the footprint of the existing building to the west and well out into the surrounding north, south and east which, if we were to avoid any disturbance of any kind within the TPZ, would effectively sterilise the area from any development taking place.

3.3.7 This presented a challenge in terms of the most suitable approach to minimise disturbance and preserve as much of the notional TPZ as possible, as well as creating a public pathway that links the roadway to the beach and focusses and frames the western water views available from the path. Apart from demolishing existing structures (e.g. shed, sandstone table, bollards, etc) existing concrete or bitumen surfaces are to remain, or be fractured in proposed extended landscape areas, and broken up to reduce the loss or desiccation of fine roots that may be concentrated beneath.

The construction of the shaker would put us at odds with the Arborist. Noting the trees are heritage protected.

It's proposed to handle the issue as follows.

The soil on site above MHWM is sand with small humus content in the upper .150mm as identified in the Geotech report and the contaminated lands report. The latter identified soil as VENM material no contaminates. It's proposed to carry out all deliveries and works on the existing hard surfaces being bitumen and concrete. The only equipment that would be directly in sand would be the Excavators and the Piling Rig on the beach. These would all be loaded and unloaded on the existing Boat Ramp and not tracked through the site above MHWM. All vehicles will deliver and operate from hard surface. Vehicles will be inspected for sand before leaving the site and if required broomed down. The site is similar to the Collaroy Beach seawall site where they use existing council hard surface and construction works are on the beach and no shaker.

I have enclosed a number of photos

- **4 Boat House site**
- **3 council carparks opposite**

Boat House site





Council Carparking opposite Note not sand but compacted material Photos taken 9/9/21 after rain on 4/9/21. Weather in between sunny







If you would like to discuss further, please contact me.

Regards

Peter Heber

Manager, (m/p 0410 594 809)