

AG 19236B – 6th March, 2020

121 Florence Terrace, Scotland Island NSW

To Whom it May Concern
c/- Scott & Carrie Towers
121 Florence Terrace
Scotland Island, NSW 2105

BOATSHED AND SEAWALL LETTER

121 Florence Terrace, Scotland Island

This letter is to be read in conjunction with Ascent Geotechnical Consulting's (Ascent) original Geotechnical Assessment Report (AG 19236, dated 20th December, 2019). Ascent have been engaged to provide further comment relating to Natural Environment Referral Response – Coastal Letter, issued by Northern Beaches Council (DA2020/0174, dated 4th March, 2020).

We have been provided with updated architectural details from Stephen Crosby & Associates, Project No. 2128, Drawing DA05, dated March 2020. We have also been provided with the coastal engineering report prepared by Cardno (AWE200146/L001:PDT, dated 3rd February, 2020).

We can confirm that the proposed boatshed is to be constructed on concrete piers excavated to and installed into the underlying sandstone/shale bedrock. This will effectively isolate the structure from the underlying fill, and the seawall/retaining wall that supports it. The proposed boatshed and associated works are not considered to present a significant risk to the stability of the seawall/retaining wall.

The provided detail for the construction of the seawall/retaining wall is considered fit for purpose, and we would suggest back wall filling be carried out in accordance with the recommendations of our original report, including the implementation of drainage gaps in the block work, and coarse free draining granular backfill isolated from the wall and the soil/fill materials by geotextile fabric.

If you have any questions or require any clarification, please call **Ben Morgan** on **0448 255 537**

For and on behalf of, **Ascent Geotechnical Consulting Pty Ltd,**



Ben Morgan BSc Geol.
Engineering Geologist