

Date: 22nd April 2022

No. Pages: 1

Project No.: 2019-209

Development Officer
Northern Beaches Council

Geotechnical Assessment for Section 4.55 modification to approved works at
78 Hudson Parade, Clareville

We understand the client would like to make some design changes to the approved Development Application (No. DA2019-0152) for the above site, No. 78 Hudson Parade, Clareville.

As a result we have reviewed the following documents:

1. Development Application DA2019-0152 Drawings by Marker Architecture & Design, Drawings DA02, DA03, DA06, DA08 to DA11 and DA19 Dated 06/08/2019.
2. Geotechnical Report by Jack Hodgson Consultants Pty Ltd, Reference M31606, Dated 29/01/2019.
3. Our Report titled "Report on Geotechnical Investigation for Proposed New Development at 78 Hudson Parade, Clareville", Project No.: 2019-209, Dated: 19/12/2019.
4. Survey Plan by Veris, Job Number: 173850, Dated: 14/08/18.
5. S4.55 Application design drawings by Marker Architecture & Design, Drawings S4.55 00 to S4.55 04 and S4.55 08 to S4.55 12, Dated: 14/04/2022.

It is understood that the changes replacing part of the proposed structure with a lift and lift shaft, as well as several other minor changes with no geotechnical implications. The lift shaft requires additional excavation of approximately 180mm below the original basement excavation depth, limited to within the proposed lift footprint (approximately 2m x 2m).

This excavation will encounter the same strata as those found in the base of the basement excavation and may be achieved using the same support systems, equipment and vibration recommendations outlined in our report Dated 19th December 2019.

The proposed changes to the original design do not significantly alter the geotechnical aspects of the proposed development or the site from those on which the original report were based.

As such we see no geotechnical reason for these changes not to be approved, provided all works are undertaken as per the recommendations of our reports.

Hope the above comments meet Council's requirements, if we can be of further assistance in regard to this matter please don't hesitate to contact the undersigned.

Yours faithfully,



Ben Taylor
Senior Geotechnical Engineer