

Date: 20 May 2022

No. Pages: 1

Project No.: 2020-134

Development Officer
Northern Beaches Council.

Geotechnical Assessment for Section 4.55 modification to approved works at
54 Herbert Avenue, Newport.

We understand the client would like to make some design changes to the approved Development Application (No. 2020/0893) for the above site, No. 54 Herbert Avenue, Newport.

As a result, we have reviewed the following documents:

1. Our Report titled "Geotechnical Site Investigation for Proposed Alterations and Additions at 54 Herbert Avenue, Newport", Project No.: 2020-134, Dated: 14 July 2020.
2. Development Application design drawings by Paul Wilsher Design, Drawing No.: DA1002, 1004, 1005, 1006, 1007, Issue: A, Dated: June 2020.
3. Survey drawing by Survcorp, Reference: 3787, Dated: 09/01/2020
4. S4.55 Application design drawings by Paul Wilsher Design, Drawing No.: DA1002, 1004, 1005, 1006, 1007, Issue: M/A, Dated: June 2020.

It is understood that the majority of changes involve minor alteration to the structure and layout of the approved development with no geotechnical component. However, a small workshop with storage is proposed below part of the approved deck at the rear of the house. The workshop is relatively small in plan area (<12m²) and appears to require excavation along its southern edge only to a maximum of 1.0m depth. This excavation will be located >1.0m from the site development and >1.0m from any property boundary.

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. Safe temporary batters (1.0V:1.0H) can be formed around the excavation perimeters and permanent excavation support can be formed post excavation in the form of engineered masonry/concrete retaining walls with drainage systems.

As such, the changes do not alter the geotechnical risk to the site or adjacent properties outside of the 'Acceptable' risk management criteria and 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,



Troy Crozier

Principal

MIE Aust.; MAIG.

RPGeo – Geotechnical and Engineering