

Date: 8th January 2020
No. Pages: 2
Project No.: 2010-198

Development Officer
Northern Beaches Council.

**Geotechnical Assessment for Section 4.55 modification to approved works at
48a Queenscliff Road, Queenscliff, NSW.**

We understand the client would like to make some design changes to the approved Development Application (DA2011-0360) for the above site.

As a result we have reviewed the following documents:

1. Our report use din DA submission titled “Geotechnical Report for Alterations and Additions at 48A Queenscliff Road, Queenscliff, Project No.: 2010-198, Dated: February 2011.
2. DA approved Landscape Plan by Conzept Landscape Architects, Drawing No.: LPDA11-300 / 1, Issue: D, Dated: 19th December 2012.
3. Survey of completed works by TSS Surveying Solutions, Refence: 191321 – 1, Dated: 06/09/2019.
4. New Landscape design by Space Landscape Design, Project No.: 201792, Drawing No.: DA-100, Revision: C, Dated: 26/10/2020.

It is understood that the changes involved the removal of an approved pathway and landscaping along the western side boundary, adjacent to the neighbouring property 1a Greycliffe Street, that extends from the lower approved new unit of the building to the rear landscaped area.

Within this zone a series of terraced garden beds have been formed supported by various low, mortared irregular rock retaining walls that slope up from the boundary into the site, as per the below photos.



It is understood from the supplied survey drawing that the walls were complete prior to 6th September 2019 with several photos of the location during construction supplied by the site owners indicating that the foundation below the main portion of the walls is sandstone bedrock.

We have inspected the site on the 7th January 2021 and it was identified that the new walls are relatively low in height, are partially mortared and sloped/battered providing stability with no visible excess deterioration or deformation.



The walls 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, however they will require maintenance on a regular basis to ensure sections of rock are not dislodged and that and deterioration/deformation is rectified.

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