

The General Manager
Northern Beaches Council
Warringah Area
PO Box 82
MANLY NSW 2095

Dear Sir,

28 KARINA CRESCENT, BELROSE
Section 4.55 Geotechnical Letter
Development application No: DA2021/0999

We have reviewed the architectural plans prepared by MORPH architects Pty Ltd, Project No: 16163.1, Dwg Nos: DA2.01 to DA2.13 and dated December, 2023.

We have also reviewed the previous preliminary geotechnical assessment report submitted to Council for the subject address prepared by ourselves, QP 00229A, dated 10th June, 2021 and titled "Preliminary Geotechnical Assessment Report for Proposed Alterations and Additions at 28 Karina Crescent, Belrose".

The proposed changes are:

1. Lower ground floor layout and other minor changes to the other floor levels

Recommendations & Conclusion:

The original recommendations of the aforementioned report still stand and a copy of these recommendations are shown below:-

"The proposed alterations and additions may require minimal excavation for any new footings that are required. The existing detached garage is built on the northern side boundary with the neighbouring garage positioned on the same boundary. The foundations of the existing structures cannot be seen at this time. Before the minor excavation for the new storage room is to commence the structural engineer it inspect the neighbouring garage's foundations and determine if the this will require any underpinning. If required, the works to support and/or stabilise the neighbouring property are to be carried out before excavation commences or as the structural engineer determines. The depth to the underlying bedrock is approximately 0.0 to 0.5 metres. We recommend that any new foundations required are to be taken to the underlying bedrock."

The proposed alterations, additions and existing site conditions were considered and applied to the Council Flow Chart for class B area as contained within Clause E10 of Warringah DCP and the WLEP. Based on this preliminary assessment, the proposed development works would be considered satisfactory from a Geotechnical and landslip perspective subject to the application of good engineering practice for the structural design and construction methods. As it is not proposed to undertake any major excavation for the future works it is therefore recommended that no further geotechnical assessment is required.

HODGSON CONSULTING ENGINEERS PTY. LTD.



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