

Darryl Sycamore

From: Z1649206 MWH Hazards Team <SM-AP-NZ-MWHHazardsTeam@mwhglobal.com>
Sent: Thursday, 15 December 2016 04:09 p.m.
To: Darryl Sycamore
Subject: RE: 49 Walton St SUB-2016-107

Hello Darryl

From a hazards perspective this proposal is not onerous

The site is recorded on the GNS Assessment of Liquefaction hazards in Dunedin City, dated May 2014, as within Domain A. The ground is predominantly underlain by rock or firm sediments. There is little or no likelihood of damaging liquefaction occurring; **THIS IS A NON-RISK**

The site is relatively steep at the Walton street frontage, but not overly so.

Advice

We recommend the following advice, due to the tight nature of the site and the close proximity of structures on adjacent land.

The proposed activity includes some significant earthworks close to the boundary, or on a contained property, with other land and dwellings relatively close to the proposed works:

- Temporary stability may be a concern on this project, and remains the responsibility of the developer.
- Adjacent landowners are entitled to support of their land and structures, including during the temporary works.
- Consent may be required from neighbouring landowners potentially affected by the proposed works or temporary earthworks.
- Prior to undertaking the work, a professional must assess the potential for instability on adjacent properties, as a result of the works.
- Confirmation should be made of foundation depths for existing structures in relation to the proposed earthworks.
- Where the long-term stability of other's land or structures may rely upon the continued stability of retaining works, the designer must confirm that the retaining structure can be safely demolished following a complete design life without creating hazards for neighbouring property or structures.
- No earthworks may be undertaken until building consent has been granted.
- We recommend that appropriate third party liability insurances are in place which identify nearby structures prior to undertaking any excavation that might affect others' land.
- All temporary slopes shall be inspected and signed off by a suitably qualified individual.
- The excavations slopes shall be supported within 1 month of commencing the earthworks.

Regards

Lee



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Geotechnical Engineer

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