

Date: 15th June 2021
No. Pages: 1
Project No.: 2019-083.3

Development Officer
Northern Beaches Council.

Geotechnical Assessment of Landscaping Design at
82-84 Bower Street, Manly.

We understand that a geotechnical assessment is required of the landscaping design submitted with a Development Application to Northern Beaches Council for the site at No.82-No.84 Bower Street, Manly.

As a result, we have reviewed the following documents:

1. Our Report titled "Geotechnical Assessment for Approved Alterations and Additions at 82 Bower Street, Manly", Project No.: 2019-083.2, Dated: 31st July 2019.
2. Landscaping Drawings by Myles Baldwin Design Pty Ltd, Drawn: GC, Issue: B, Dwg No.: 428_DA_01, 428_DA_50, 428_DA_11, 428_da_20, 428_DA_02, 428_DA_10, 428_DA_24, 428_DA_35, 428_DA_25, 428_DA_23, 428_DA_22 and 428_DA_21.

It is understood that landscaping works are proposed within the centre and northern front of the site. The proposed works involve the construction of a new masonry boundary wall between No. 82 and No.84 Bower Street, new pathways, benches, lawns, new swimming pool, staircase and small landscaping works. It is understood that only minor excavation ($\leq 1.00\text{m}$ depth) will be require for landscaping works and for the construction of new footings. The proposed works are considered relatively 'minor' from a geotechnical perspective.

Crozier Geotechnical Consultants have previously undertaken inspections within this site and signs of landslip issues or underlying geotechnical issues were not identified. It is considered that the proposed landscaping works can be carried out with negligible impact to the neighbouring properties or structures and that the recommendations of the geotechnical report are valid and should be implemented as part of the landscaping design and construction.

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,



Marvin Lujan
Geotechnical Engineer