

Structural Design Certificate

Date: 9 July 2022 Job No. 190875
Client: LVD Industries Pty Ltd Engineer: MABB

Site: 9 Ocean Road, Palm Beach

Project Description: S4.55 Buttress Wall

I, Simon Mabb, of Northern Beaches Consulting Engineers Pty Ltd hereby certify that:

I am a Civil Engineer with BE MIEAust, Director at Northern Beaches Consulting Engineers.

I am currently practising as a Senior Structural Design Engineer with Northern Beaches Consulting Engineers Pty Ltd.

A buttress wall as indicated on architectural plans by Map Architecture + Interiors (dated 4/7/2022) is required to support the southern boundary retaining wall. Additional geotechnical investigation during piling of the southern wall advised of increased loadings not identified in the original investigation.

We hereby certify that the structural design of the buttress, as detailed on plans by Northern Beaches Consulting Engineers Pty Ltd (Job No: 190875) is generally in accordance Australian Standards AS 1170.1 AS 3600 and geotechnical parameters instructed by Douglas Partners.

NORTHERN BEACHES CONSULTING ENGINEERS P/L



Simon Mabb

BE (Civil), MIEAust
(Director NB Consulting Engineers)

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