

Flood Control Certificate

Date: 19/12/2018

Job No. 181156

Client: [REDACTED]

Engineer: CF

Site: 1 Dela Close, Dee Why

At the request of [REDACTED] Northern Beaches Consulting Engineers have undertaken a flood risk assessment at 1 Dela Close in Dee Why in relation to the proposed additions to determine any potential impacts from flood events. Christian Ferry of Northern Beaches Consulting Engineers has assessed the architectural plans prepared by *Action Plans* (dated August 2018) for proposed alterations and additions to an existing dwelling at the above site address in reference to potential flooding issues. A survey plan prepared by *DA Surveys* was also assessed.

All relevant flood information has been obtained from Northern Beaches Council and used for the assessment. Northern Beaches Council (Warringah) Flood Information indicates the following:

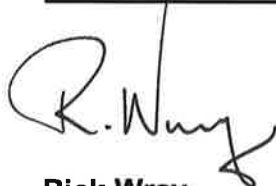
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|--------------------------------|------------|
| • Flood Category | Not used |
| • 1% AEP Flood Level | N/A |
| • Flood Planning Level (FPL) | 49.00m AHD |
| • Existing Ground Floor Level | 49.72m AHD |
| • Probable Maximum Flood (PMF) | 50.80m AHD |
| • Probable Maximum Velocity | 3.0m/s |

The proposed alterations and additions are located *outside* the extent of predicted flood levels up to the 1% AEP flooding extent. The ground floor level as shown in the architectural plans prepared by *Action Plans* is located above the FPL.

The development is in general accordance with *Section E11* of the *Warringah Development Control Plan (DCP)* and *section 3.36C* of *NSW State Environmental Planning Policy* and is not envisaged to have a detrimental effect on neighbouring properties.

We trust that this certificate meets with your requirements. Please contact the author if further clarification is required.

NORTHERN BEACHES CONSULTING ENGINEERS P/L



Rick Wray

BE MIEAust CPEng NER RPEQ Director

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