

Stormwater Certificate

Date: 24/10/2019 Job No. 191029
Client: Suzanne & Jordan Telfer Engineer: CF/RW

Project: 76 Sir Thomas Mitchell Drive, Davidson

Project Description: Proposed Alterations and Additions Located Adjacent to a Council Stormwater Pipeline

I, Rick Wray, of Northern Beaches Consulting Engineers Pty Ltd hereby certify that the proposed alterations and additions at the above site as detailed in the architectural plans prepared by Action Plans dated 30.09.2019 are located beyond the extent of the drainage easement for the Council stormwater pipeline which extends through the site subject to the following;

- The new footings for the proposed brick/concrete columns supporting the timber sleeper boundary fence must be founded on piers such that the new footings are not within the zone of influence. Refer to section 6.1.2 of the Building Over or Adjacent to Constructed Council Drainage Systems and Easements Technical Specification document for details.
- The proposed boundary fence extending within the drainage easement must be made demountable in accordance with Council's specifications.
- The fencing must be constructed with sufficient openings to Council's specifications to ensure that any overland flows through the site remain unimpeded.

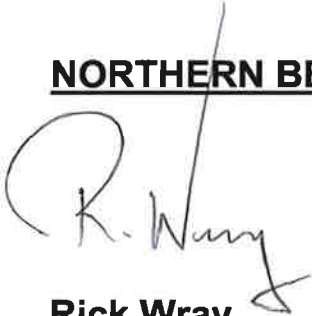
The existing Council stormwater pipeline extends from a kerb inlet pit within the cul-de-sac on Grimes Place through no. 6 Grimes Place to a kerb inlet pit within Sir Thomas Mitchell Drive via the subject site. The location of the drainage easement is detailed in the Survey Plan prepared by Proust & Gardner Consulting Pty Limited Surveyors & Planners dated 22.07.2013 which details the full extent of the drainage easement through the subject site. The extent of the drainage easement is located beyond the footprint of the existing building and the proposed works to the dwelling. Furthermore, the proposed works are detailed towards both the western and southern areas of the building and are therefore are not envisaged to affect the zone of influence criteria outlined in the Northern Beaches Council's Warringah Water Management Policy PL850 and the Building Over or Adjacent to Constructed Council Drainage Systems and Easements Technical Specification document.

I am a Civil Engineer with NER Registration 803938, BE CPEng MIE (Aust), Director at Northern Beaches Consulting Engineers.

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

The review by Northern Beaches Consulting Engineers Pty Ltd for the above project complies with the above-mentioned documents.

NORTHERN BEACHES CONSULTING ENGINEERS P/L



Rick Wray

BE MIEAust CPEng NPER Director

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