

# Stormwater Certificate

Date: 31/08/2020 Job No. 200106  
Client: Brooke Richardson Engineer: CF

## Project: 5 Berrinda Place, Frenchs Forest

**Project Description:** Proposed alterations located adjacent to a Council stormwater pipeline.

The architectural plans prepared by Action Plans (dated 05.08.2020) detail proposed alterations to an existing building at the above address. The proposed development works primarily detail internal modifications to the existing dwelling and the enclosing of the existing south-western balcony on the ground floor level. The works do not appear to extend beyond the existing footprint of the dwelling and therefore given the minor alteration works proposed, no new foundation works beyond the existing building footprint should be required.

An existing 450mm RCP Council stormwater pipeline appears to extend through the subject site and along the western boundary from within no. 3 Curra Close accordingly to Council's online stormwater mapping. Council's mapping records indicate that the stormwater asset extends to a kerb inlet pit on Berrinda Place. It is not clear that the pipeline has full continuity through the site to Berrinda Place, and therefore further investigation will be required prior to construction to verify this detail.

The proposed alterations do not show further encroachments upon the existing Council pipeline. There are two existing corner columns adjacent to the western boundary line which support the living room on the ground floor level which appear to be located within the existing drainage easement. If the existing footings are to remain without alteration, then no further encroachment on the zone of influence of the existing stormwater pipeline will occur.

Therefore, the proposed development shall not cause to further impacts upon the existing Council stormwater pipeline and easement which extends through the subject site subject to the following:

- The existing footings and columns supporting the living room on the ground floor level adjacent to the western boundary line remain unaltered. If new footings are to be constructed due to structural requirements,

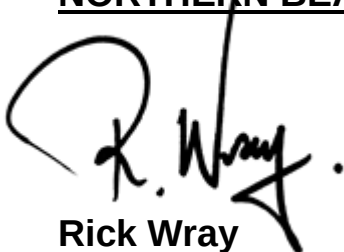
- Any new footings must be founded on piers such that the zone of influence of Council's stormwater pipeline is not encroached upon. Refer to section 6.1.2 of the Building Over or Adjacent to Constructed Council Drainage Systems and Easements Technical Specification document for details. This will require the completion of a survey of the existing 450mm RCP Council stormwater pipeline extending through the site to accurately define its location. NBCE must be contacted for comment/instructions should any excavation be proposed within 5m of Council's drainage asset(s). Note an application to Council may be required if the footings are to be rebuilt less than 1.5m away from Council's drainage asset.

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

I am currently practising as a Principal 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 CPEng NER Director

\\NBADS\Company\Synergy\Projects\200106 5 BERRINDA PLACE, FRENCHS FOREST\ENG Design\SC001.docx