

Certificate of Existing Stormwater Drainage

Date: 22 August 2024

Job No: 140713

Client: Steve and Symone Riddle

Engineer: S. Ruskin

Site: 76 Queens Parade East, Newport

Samuel Ruskin of Northern Beaches Consulting Engineers P/L carried out a site inspection at the above property on the 22nd of July, 2024. The purpose of the visit was to inspect and comment on the existing stormwater drainage system and its capacity to cater for any additional flows due to the proposed modifications.

The assessment consisted of a walk-over style inspection of the site. The site has a moderate slope away from Queens Parade East. There is an existing approved stormwater system that appears to discharge to the rear via a level spreader

In summary, the existing stormwater system has been oversized to cater for the existing catchment and the proposed alterations and additions are not envisaged to result in any increase to the existing stormwater flows. There is no increase in impervious area as a result of the proposed development. The existing stormwater system appears to be in general compliance with Northern Beaches Council's *Water Management for Development Policy* and AS3500.3, and shall be considered adequate to cater for the proposed alterations and additions subject to the following amendments:

- Provide a minimum of 2 new 100mm Ø uPVC downpipes to the proposed carport roof. New downpipes are to discharge to the existing on-site detention tanks via the existing stormwater system.
- All roof drainage to be in accordance with AS3500.3.
- All surface and subsoil drainage to be in accordance with AS3500.3

Prior to final certification of the stormwater system, and upon completion of the proposed alterations and additions, the above-mentioned items must be finalised. Northern Beaches Consulting Engineers P/L will need to inspect the above-mentioned items prior to issuing final certification of the stormwater system.

Note: This certification does not alleviate the responsibility of the owners of the property to properly maintain the existing stormwater system.

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

NORTHERN BEACHES CONSULTING ENGINEERS P/L



Michael Wachjo

Senior Engineer | B.E. (Civil) MIEAust Director

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