

Engineering Referral Response

Application Number:	DA2020/0353
Date:	16/06/2020
To:	Georgia Quinn
Land to be developed (Address):	Lot 23 DP 31700 , 7 Tulich Avenue DEE WHY NSW 2099

Reasons for referral

This application seeks consent for the following:

- New Dwellings or
- Applications that require OSD where additional impervious area exceeds 50m² or
- Alterations to existing or new driveways or
- Where proposals affect or are adjacent to Council drainage infrastructure incl. watercourses and drainage channels or
- Torrens, Stratum and Community Title Subdivisions or
- All new Commercial and Industrial and RFB Development with the exception of signage or
- Works/uses in flood affected areas

And as such, Council's development engineers are required to consider the likely impacts on drainage regimes.

Officer comments

The disposal of stormwater to the kerb via a charged system and the provision of an absorption system for surface drainage is satisfactory. The connection to the kerb is to be provided via a rectangular hollow section as conditioned.

The proposal is therefore supported.

Note: Should you have any concerns with the referral comments above, please discuss these with the Responsible Officer.

Recommended Engineering Conditions:

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE

Stormwater Drainage Details

The Applicant is to provide a certification of drainage plans detailing the provision of on-site absorption system in accordance with Northern Beaches Council's WARRINGAH WATER MANAGEMENT POLICY PL850, and generally in accordance with the concept drainage plans prepared by Taylor Consulting Engineers Pty Ltd, drawing number Sheet 1, dated 11 November 2019. Detailed drainage plans are to be prepared by a suitably qualified Civil Engineer, who has membership to the Institution of Engineers Australia, National Professional Engineers Register (NPER) and registered in the General Area of Practice for civil engineering.

The drainage plans must address the following: i. Provide rectangular hollow sections for the kerb connection. ii. Detailed drainage plans, including engineering certification, are to be submitted to the Certifying Authority for approval prior to the issue of the Construction Certificate.

Reason: To ensure appropriate provision for the disposal of stormwater and stormwater management arising from the development.

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

Road Reserve

The applicant shall ensure the public footways and roadways adjacent to the site are maintained in a safe condition at all times during the course of the work.

Reason: Public safety.

CONDITIONS WHICH MUST BE COMPLIED WITH PRIOR TO THE ISSUE OF THE OCCUPATION CERTIFICATE

Stormwater Disposal

The stormwater drainage works shall be certified as compliant with all relevant Australian Standards and Codes by a suitably practising Civil Engineer with corporate membership of the Institute of Engineers Australia (M.I.E.), or equivalent and has appropriate experience and competence in the related field. Details demonstrating compliance are to be submitted to the Principal Certifying Authority prior to the issue of any interim / final Occupation Certificate.

Reason: To ensure appropriate provision for the disposal of stormwater arising from the development.