

## Engineering Referral Response

<b>Application Number:</b>	DA2022/2081
<b>Proposed Development:</b>	Change of use and construction of a golf club house and associated facilities
<b>Date:</b>	12/09/2023
<b>To:</b>	Maxwell Duncan
<b>Land to be developed (Address):</b>	Lot 2742 DP 752038 , 292 Condamine Street NORTH MANLY NSW 2100 Lot 2742 DP 752038 , 292 Condamine Street NORTH MANLY NSW 2100

### Reasons for referral

This application seeks consent for the following:

- New Dwellings or
- Applications that require OSD where additional impervious area exceeds 50m<sup>2</sup> 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 proposal is for construction of a golf club house and associated works. The submitted stormwater concept plan has insufficient details for assessment. The proposal is to discharge via a absorption system however no details are provided. Where absorption is proposed the system shall be sized based on a measured infiltration rate for the site in accordance with Appendix 3 of Council's Water Management for Development Policy. The applicant shall provide a geotechnical report by a suitably qualified Geotechnical Engineer to confirm the infiltration rate for the site. The proposed absorption system shall be appropriately sized based on a measured infiltration rate. The applicant shall provide a stormwater plan by a suitably qualified engineer.

The proposed application cannot be supported by Development Engineering due to lack of information to address:

- *Stormwater drainage for the development in accordance with clause C4 Stormwater.*

**Additional Information Provided on 5/9/2023**

Amended plans are acceptable subject to conditions. No objections to approval subject to conditions as recommended.

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**

**On-Site Stormwater Disposal Details**

The Applicant is to provide a certification of drainage plans detailing the provision of on-site stormwater disposal in accordance with Northern Beaches Council's Water Management for Development Policy, and generally in accordance with the concept drainage plans prepared by Stellen Consulting, drawing number DR -001, DR-002, DR-003, dated 28/8/2023. Detailed drainage plans are to be prepared by a suitably qualified Civil Engineer, who has membership to Engineers Australia, National Engineers Register (NER) or Professionals Australia (RPENG) and registered in the General Area of Practice for civil engineering.

Detailed drainage plans, including engineering certification, are to be submitted to the Certifier 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 WHICH MUST BE COMPLIED WITH PRIOR TO THE ISSUE OF THE OCCUPATION CERTIFICATE**

**Positive Covenant and Restriction as to User for On-site Stormwater Disposal Structures**

The Applicant shall lodge the Legal Documents Authorisation Application with the original completed request forms (NSW Land Registry standard forms 13PC and/or 13RPA) to Council and a copy of the Works-as-Executed plan (details overdrawn on a copy of the approved drainage plan), hydraulic engineers' certification.

The Applicant shall create on the Title a restriction on the use of land and a positive covenant in respect to the ongoing maintenance and restriction of the on-site stormwater disposal structures within this development consent. The terms of the positive covenant and restriction are to be prepared to Council's standard requirements at the applicant's expense and endorsed by Northern Beaches Council's delegate prior to lodgement with the NSW Land Registry Services. Northern Beaches Council shall be nominated as the party to release, vary or modify such covenant. A copy of the certificate of title demonstrating the creation of the positive covenant and restriction for on-site storm water disposal as to user is to be submitted.

Details demonstrating compliance are to be submitted to the Principal Certifier prior to the issue of an Occupation Certificate.

Reason: To ensure the on-site stormwater disposal system is maintained to an appropriate operational standard.