

Engineering Referral Response

Application Number:	DA2021/1886
Date:	09/11/2021
To:	Dean Pattalis
Land to be developed (Address):	Lot 43 DP 6462 , 33 Taiyul Road NORTH NARRABEEN NSW 2101

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 proposal includes the construction of a carport over the existing driveway servicing the property. There is an existing Council pipeline that appears to traverse the property adjacent to the location of the proposed carport. In this regard, the applicant is required to demonstrate compliance with Council's Water Management Policy Clause 6.1. This consists of accurately locating, confirming dimensions and plotting Council's stormwater pipelines and associated infrastructure to scale on the DA plans which show the proposed works. This should be carried out by a service locating contractor and registered surveyor. (The applicant will need to provide evidence of the methodology used for locating). A plan outlining the indicative locations of Council's stormwater infrastructure is available from Council's website. Northern Beaches Council has public stormwater drainage maps online. Please follow the relevant link below and select the 'Stormwater' map from the 'No Overlay Map' drop down menu. You can then search by address and use the zoom functionality to see pipe diameters and asset id numbers. <https://services.northernbeaches.nsw.gov.au/icongis/index.html>

The existing levels of the driveway appear to exceed the maximum allowable grade for parking a vehicle which is 1 in 20 in accordance with AS/NZS2890.1:2004. This will require a portion of the driveway to be raised to accommodate the required levels for parking. The plans are to be amended to include revised levels for the driveway and parking area to demonstrate compliance with AS/NZS2890.1:2004.

The submitted Geotechnical report addresses the relevant DCP controls. The proposal does not require OSD.

Development Engineers cannot support the proposal due to insufficient information to address Water

Management and Parking in accordance with Clauses B5 and B6 of the DCP.

Amended plans received 9/11/2021

The proposal has been amended to delete the carport and as such the works do not impact upon Council's stormwater drainage infrastructure.

Development Engineers support the proposal, 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

Traffic Management and Control

The Applicant is to submit an application for Traffic Management Plan to Council for approval prior to issue of the Construction Certificate. The Traffic Management Plan shall be prepared to RMS standards by an appropriately certified person.

Reason: To ensure appropriate measures have been considered for site access, storage and the operation of the site during all phases of the construction process.

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.

Traffic Control During Works

Lighting, fencing, traffic control and advanced warning signs shall be provided for the protection of the works and for the safety and convenience of the public and others in accordance with RMS Traffic Control At Work Sites Manual (<http://www.rms.nsw.gov.au/business-industry/partners-suppliers/documents/technical-manuals/tcws-version-4/tcwsv4i2.pdf>) and to the satisfaction of the Roads Authority. Traffic movement in both directions on public roads, and vehicular access to private properties is to be maintained at all times during the works.

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 qualified person.

Details demonstrating compliance are to be submitted to the Principal Certifying Authority prior to the issue of the Occupation Certificate.

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