

Engineering Referral Response

Application Number:	DA2019/0120
To:	Rhiannon McLardy
Land to be developed (Address):	Lot 6 DP 6555 , 120 Garden Street 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

Comments for Development Engineers:

1. Council's flooding team proposes no objection to the application.
2. A new carport is to be constructed.
3. No Stormwater plans are provided. Drains to the front to the Narrabeen Lagoon.
4. No OSD is required.

Note to planner:

1. The following is suggested by the applicant's flooding engineer to maintain flood storage volume.
"Cutting into the natural ground at RL 2.82m AHD from the north-eastern edge of the proposed carport and installing a retaining wall along the south-western edge of the proposed carport."
2. No carport levels are shown on the master plans.

No objection to approval, subject to conditions as recommended.

Referral Body Recommendation

Recommended for approval, subject to conditions

Refusal comments

Recommended Engineering Conditions:

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

Driveway Gradients and Vehicle Parking Area

Driveway gradients and the proposed parking area within the private property are to comply with AS/NZS 2890.1:2004. The gradients for the parking area are not to exceed 1 in 20 (5%).

Details demonstrating compliance are to be submitted to the Certifying Authority for approval prior to the issue of the Construction Certificate.

Reason: To ensure suitable vehicular access and parking to private property.

Vehicle Crossings Application

A Driveway Levels and Formwork Inspections Application shall be made with Council subject to the payment of the fee in accordance with Council's Fees and Charges. The fee includes all Council inspections relating to the driveway construction and must be paid.

Approval of the application by Council is to be submitted to the Principal Certifying Authority prior to the issue of the Construction Certificate.

Reason: To facilitate suitable vehicular access to private property.

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

Vehicle Crossings

The provision of one vehicle crossing 3 metres wide in accordance with Northern Beaches Council Drawing No A4-3330/2 NH and specifications. An Authorised Vehicle Crossing Contractor shall construct the vehicle crossing and associated works within the road reserve in plain concrete. All redundant laybacks and crossings are to be restored to footpath/grass. Prior to the pouring of concrete, the vehicle crossing is to be inspected by Council and a satisfactory "Vehicle Crossing Inspection" card issued.

Details demonstrating compliance are to be submitted to the Principal Certifying Authority.

Reason: To facilitate suitable vehicular access to private property.

Maintenance of Road Reserve

The public footways and roadways adjacent to the site shall be 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 qualified person. 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.

Certification Parking Facility Work

An appropriately qualified and practicing Civil Engineer shall certify to the Council / Principal Certifying Authority that the parking facility was constructed in accordance with this consent and the provisions of Australian/New Zealand Standard AS/NZS 2890.1:2004 parking facilities - Off-street car parking. Details demonstrating compliance are to be submitted to the Principal Certifying Authority prior to the issue of an Occupation Certificate.

Reason: Compliance with this consent.