

## Engineering Referral Response

Application Number:	DA2019/0371
To:	Adam Urbancic
Land to be developed (Address):	Lot 11 DP 12031 , 90 Queens Parade East NEWPORT NSW 2106

### 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

Council's records indicates that the footings for the proposed verandah are located adjacent to Council stormwater pipeline which may affect the structural integrity Council's drainage infrastructure. Applicant has not located the pipe in accordance with clause B5.12 Pittwater 21 DCP 2014.

In this regards Council's drainage system must be accurately located, confirming dimensions and plotting Council's stormwater pipelines and associated infrastructure to scale on the DA plans, demonstrating proposed works do not impact Council's drainage system. This should be carried out by a service locating contractor and a registered surveyor. (The applicant will need to provide evidence of methodology used for locating Council's infrastructure). Applicant has to provide details to show that all proposed structures (footings) are located clear of any Council drainage system.

As result the proposed development can not be supported.

### Additional Information Submitted 28/08/2019

The submitted response by the applicant has been reviewed by Council's Stormwater Asset Team and they have accepted the information and consider the proposal meets their requirements in terms of the DCP subject to conditions. No objection to approval, subject to conditions as recommended.

### Additional Information Submitted 3/12/19

The submitted survey plan plotting the location and depth of the Council pipeline on the adjoining property has been reviewed and is acceptable. Due to the position of the line it is considered that the

bond is not required for this proposal and as such this condition has been deleted accordingly. No objection 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**

**Stormwater Disposal from Low Level Property**

Stormwater shall be disposed of to an existing approved system or in accordance with Northern Beaches Council's Pittwater 21 DCP 2014 Clause B5.10. Details demonstrating that the existing approved system can accommodate the additional flows or compliance with the above requirements are to be submitted to the Certifying Authority for approval prior to the issue of the Construction Certificate.

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

**Structures Located Adjacent to Council Pipeline or Easement**

All structures are to be located clear of any Council pipeline or easement. Footings of any structure adjacent to an easement or pipeline are to be designed in accordance with Council's Pittwater 21 DCP 2014 Clause B5.12. A statement of compliance is to be prepared by a suitably qualified Structural Engineer and submitted to Council for approval. The approval from Council is to be submitted to the Certifying Authority prior to the issue of the Construction Certificate.

Reason: Protection of Council's Infrastructure.

**CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK**

**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.

**Protection of Adjoining Property - Excavation**

Where excavations extend below the level of the base of the footings of a building or Council asset on the lot or an adjoining allotment of land, the person causing the excavation must preserve and protect the building and asset from damage and, if necessary, underpin and support the adjoining building or asset in an approved manner.

Reason: To ensure protection of private and public infrastructure.

**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 of Structures Located Adjacent to Council Pipeline or Council Easement**

All structures are to be located clear of any Council pipeline or easement. Footings of any structure adjacent to an easement or pipeline are to be designed in accordance with Council's Pittwater 21 DCP 2014 Clause B5.12.

A statement of compliance is to be prepared by a suitably qualified Structural Engineer and submitted to Council and Council's acceptance of the certification is to be submitted to the Principal Certifying Authority prior to the issue of the Occupation Certificate.

Reason: Protection of Council's Infrastructure.