

## Engineering Referral Response

Application Number:	DA2019/0585
To:	Benjamin Price
Land to be developed (Address):	Lot 5 DP 978180 , 142 Sydney Road FAIRLIGHT NSW 2094

### 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

Development Engineer has no objection to the application subject to the following condition of consent.

### 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**

#### **On-site Stormwater Disposal system**

An On-site Stormwater Disposal system must be designed and constructed in accordance with Northern Beaches Council's current MANLY SPECIFICATION FOR ON-SITE STORMWATER MANAGEMENT 2003 and generally in accordance with the concept drainage plans prepared by Stellen Consulting, drawing number DR001-003, dated 13/03/2019.

Detailed drainage plans are to be prepared by a qualified experienced practicing Civil Engineer.

The drainage plans must address the following:

- i) the pump system shall be designed in accordance with AS 3500
- ii) Any surcharge from boundary pit shall be directed into Sydney Road.

Detailed drainage plans, including engineering certification confirming the above requirements have been satisfied and complying with Council's requirements, are to be submitted to the Principal Certifying Authority for approval prior to the issue of the Construction Certificate.

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

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

### **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**

### **Authorisation of Legal Documentation Required for Onsite Disposal**

The original completed request forms (NSW Land Registry standard forms 13PC and/or 13RPA) must be submitted to Council, with a copy of the Works-as-Executed plan (details overdrawn on a copy of the approved drainage plan), hydraulic engineers certification and Compliance Certificate issued by an Accredited Certifier in Civil Works. Details demonstrating compliance are to be submitted to the Principal Certifying Authority prior to the issue of any interim / final Occupation Certificate.

Reason: To create encumbrances on the land.

### **Registration of Encumbrances for On-site Stormwater Disposal**

A copy of the certificate of title demonstrating the creation of the positive covenant and restriction for on-site storm water disposal system as to user is to be submitted. Details demonstrating compliance are to be submitted to the Principal Certifying Authority prior to the issue of any interim / final Occupation Certificate.

Reason: To identify encumbrances on land.

### **On-Site Stormwater Disposal Compliance Certification**

Upon completion of the on-site stormwater disposal system, certification from a consulting engineer and a "work as executed" (WAE) drawing certified by a registered surveyor and overdrawn in red on a copy of the approved system plans are to be provided to Council.

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 stormwater disposal is constructed to Council's satisfaction.

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

A positive covenant shall be created on the title of the land requiring the proprietor of the land to maintain the on-site stormwater disposal structure in accordance with the standard requirements of Council. The terms of the positive covenant 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 NSW Land Registry Services. Northern Beaches Council shall be nominated as the party to release, vary or modify such covenant.

A restriction as to user shall be created on the title over the on-site stormwater disposal system, restricting any alteration to the levels and/or any construction on the land. The terms of such restriction are to be prepared to Council's standard requirements at the applicant's expense and endorsed by Council prior to lodgement with NSW Land Registry Services. Northern Beaches Council shall be nominated as the party to release, vary or modify such restriction.

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 the on-site disposal and/or pump system is maintained to an appropriate operational standard.