

## Engineering Referral Response

<b>Application Number:</b>	DA2025/0960
<b>Proposed Development:</b>	Alterations and additions to a dwelling house
<b>Date:</b>	01/08/2025
<b>To:</b>	Brittany Harrison
<b>Land to be developed (Address):</b>	Lot LIC 430567 , 5 Sturdee Lane ELVINA BAY NSW 2105 Lot 1 DP 1299366 , 5 Sturdee Lane ELVINA BAY NSW 2105

### 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

**01/08/2025**

**Council's Development Engineer raises no objection to this proposal subject to conditions.**

This proposal is for alterations and additions to an existing dwelling.

### Stormwater

The site drains to the waterfront. An OSD system is not required. Stormwater runoff from the proposed development has been conditioned to be discharged into the existing onsite drainage system.

### Site Access

Only pedestrian access is available for the site.

### Geotechnical Investigation

This site is located within the Geotechnical Hazard Area. A geotechnical report with an updated statement has been provided by White Geotechnical Group, dated 01/04/2025 and 14/07/2023.

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**

The applicant is to demonstrate how stormwater from the new development within this consent is disposed of to an existing approved system or in accordance with Northern Beaches Council's Water Management for Development Policy. Details by an appropriately qualified and practicing Civil or Hydraulic Engineer demonstrating that the existing approved stormwater system can accommodate the post-development flows, or compliance with Council's policy are to be submitted to the Certifier for approval prior to the issue of the Construction Certificate.

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

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

#### **Geotechnical Report Recommendations have been Incorporated into Designs and Structural Plans**

The recommendations of the risk assessment required to manage the hazards as identified in the Geotechnical Report prepared by White Geotechnical Group, dated 01/04/2025 and 14/07/2023 are to be incorporated into the construction plans. Prior to issue of the Construction Certificate, Form 2 of the Geotechnical Risk Management Policy for Pittwater (Appendix 5 of P21 DCP) is to be completed and submitted to the Accredited Certifier. Details demonstrating compliance are to be submitted to the Certifier prior to the issue of the Construction Certificate.

Reason: To ensure geotechnical risk is mitigated appropriately.

### **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.

### **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 Certifier prior to the issue of the Occupation Certificate.

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

**Geotechnical Certification Prior to Occupation Certificate**

The Applicant is to submit the completed Form 3 of the Geotechnical Risk Management Policy (Appendix 5 of P21 DCP) to the Principal Certifier prior to issue of the Occupation Certificate.

Reason: To ensure geotechnical risk is mitigated appropriately.