

## Engineering Referral Response

Application Number:	DA2019/1449
To:	Ashley Warnest
Land to be developed (Address):	Lot 2 DP 833902 , 141 Riverview Road AVALON BEACH NSW 2107

### 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. The site is located within the Geotechnical Hazard Area. An "Acceptable Risk Management" Level is achieved in accordance with the geotechnical report prepared by White Geotechnical Group, dated 26 November 2019.
2. The existing right of carriageway is steep.

Development Engineers have assessed the application and cannot support it due to the following reason.

The location of the proposed vehicle crossing seems to be unacceptable recommended by Council's Road Assets and Traffic Engineer. The proposed crossing requires removal of part of the guardrail in the middle of the guardrail, which is not satisfactory. The proposed crossing is recommended to be relocated to the southern side where part of the guardrail from the guardrail southern end may be removed subject to evidence demonstrating the remaining part of the guardrail has sufficient length to function effectively provided by a qualified person.

The proposal is therefore unsupported.

Note: Should you have any concerns with the referral comments above, please discuss these with the Responsible Officer.

### Recommended Engineering Conditions:

Nil.