

Engineering Referral Response

Application Number:	DA2021/1766
Date:	23/12/2021
To:	Adam Mitchell
Land to be developed (Address):	Lot 8 DP 6984 , 18 Alexander Street COLLAROY NSW 2097 Lot 9 DP 6984 , 18 Alexander Street COLLAROY NSW 2097

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

The proposed stormwater drainage plans were reviewed and the following further information is required.

1) Submission of a DRAINS model for Council review including design summary parameters . Please note the pre existing condition is to be set at state of nature. The model has to be prepared in accordance with Councils Water Management Policy for Development and Australian rainfall and runoff 2019.

Additionally Councils overland flow mapping indicated the property is affected by overland flow and as such a Overland flow hydrological/hydraulic study is to be provided in accordance with the design parameters and relevant chapters of Australian Rainfall and Runoff 2019. Councils preferred model is DRAINS and the study is also to be in accordance Councils Water Management Policy for Development.

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.