

## Engineering Referral Response

<b>Application Number:</b>	DA2021/1805
<b>Date:</b>	23/12/2021
<b>To:</b>	Adam Mitchell
<b>Land to be developed (Address):</b>	Lot A DP 379308 , 4 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 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

The proposed stormwater report prepared by C & M consulting engineers was reviewed and the following further information is required.

- 1) Submission of a stormwater drainage plan detailing the provision of On Site Detention in accordance with Council water management policy for development.
- 2) 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.

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.