

## Engineering Referral Response

<b>Application Number:</b>	DA2020/1351
<b>Date:</b>	21/12/2020
<b>To:</b>	Lashta Haidari
<b>Land to be developed (Address):</b>	Lot 5 DP 229309 , 1 Bilambee Lane BILGOLA PLATEAU NSW 2107

### 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 stormwater drainage plans have been reviewed and the following information is required to complete the assessment:

- 1) Submission of the DRAINS model for Council review to verify the detention volume and storage requirements.
- 2) Cross-section drawn to a suitable scale of the stormwater outlet pipe in relation to all services located within Council's footpath area .
- 3) Hydraulic Calculations are to be provided to demonstrate Hydraulic Grade Line of the outlet pipe connection to Council's existing pit in Bilkurra Avenue is not affected by tailwater conditions.

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.