

Engineering Referral Response

Application Number:	DA2021/2567
Date:	19/05/2022
To:	Anne-Marie Young
Land to be developed (Address):	Lot 13 DP 568333 , 60 Federal Parade BROOKVALE NSW 2100

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

1) Flooding impacts 60 Federal Parade

The Greendale Creek Flood Study draft report dated February 2022 has indicated that No 60 Federal Parade is flood affected . The applicant is to prepare a Flood management report in accordance with Councils former Warringah Development Control Plan E11 control "Flooding"

The Flood management report is to be prepared by a suitably qualified civil engineer with NER accreditation in stormwater design and hydraulic modelling.

The report is to identify the flood risks associated with the development proposal and compliance with the relevant flood controls of clause E11.

Additionally the Flood management report is to demonstrate compliance with Clause 5.2.1 -Flood Planning of Councils LEP .

2) Stormwater management

The applicant is to submit a Stormwater management report in accordance with Councils water management policy for development which details all design assumptions in determination of the On site stormwater detention tank sizing . A DRAINS model is to be submitted for Council review.

The development application is not supported for the above reasons.

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.