

Natural Environment Referral Response - Flood

Application Number:	DA2022/2256
Proposed Development:	Demolition works and construction of a mixed use development with basement car parking.
Date:	14/02/2023
To:	Tony Collier
Land to be developed (Address):	Lot 100 DP 1009880 , 22 Raglan Street MANLY NSW 2095

Reasons for referral

This application seeks consent for the following:

- All Development Applications on land below the 1 in100 year flood level;
- All Development Applications located on land below the Probable Maximum Flood levels.

And as such, Council's Natural Environment Unit officers are required to consider the likely impacts on drainage regimes.

Officer comments

The development proposes to demolish the existing structure and construct a 4 storey mixed-use development with a basement carpark.

The site is located within the Medium Flood Risk Precinct.

Subject to conditions the development is compliant with Council's flood related development controls.

The proposal is therefore supported.

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

Recommended Natural Environment Conditions:

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE

Flooding

In order to protect property and occupants from flood risk the following is required:

Building Components and Structural Soundness – B1

All new development below the Flood Planning Level of 6.10m AHD shall be designed and constructed as flood compatible buildings in accordance with Reducing Vulnerability of Buildings to Flood Damage: Guidance on Building in Flood Prone Areas, Hawkesbury-Nepean Floodplain Management Steering Committee (2006).

Building Components and Structural Soundness – B2

All new development must be designed to ensure structural integrity up to the Flood Planning Level 6.10m AHD, taking into account the forces of floodwater, wave action, flowing water with debris, buoyancy and immersion.

Building Components and Structural Soundness – B3

All new electrical equipment, power points, wiring, fuel lines, sewerage systems or any other service pipes and connections must be waterproofed and/or located above the Flood Planning Level of 6.10m AHD. All existing electrical equipment and power points located below the Flood Planning Level must have residual current devices installed to cut electricity supply during flood events.

Floor Levels – C1

New floor levels within the development shall be set at or above the Flood Planning Level of 6.10m AHD.

Car parking – D6

All access, ventilation and any other potential water entry points, including entry ramp crests to the basement car park shall be at or above the Flood Planning Level of 6.10m AHD.

Details demonstrating compliance are to be submitted to the Certifier prior to the issue of the Construction Certificate.

Reason: To reduce the impact of flooding and flood liability on owners and occupiers of flood-prone property and reduce public and private losses in accordance with Council and NSW Government policy.

CONDITIONS WHICH MUST BE COMPLIED WITH PRIOR TO THE ISSUE OF THE OCCUPATION CERTIFICATE

Basement Car Parking (D6)

A registered surveyor is to certify that all access, ventilation and any other potential water entry points, including entry ramp crests to the basement car park have been constructed at or above the Flood Planning Level of 6.10m AHD.

Details demonstrating compliance are to be submitted to the Principal Certifier prior to the issue of the Occupation Certificate.

Reason: To reduce the impact of flooding and flood liability on owners and occupiers of flood-prone property and reduce public and private losses in accordance with Council and NSW Government policy.