

## Natural Environment Referral Response - Flood

<b>Application Number:</b>	DA2025/0803
<b>Proposed Development:</b>	Alterations and additions to a CDC approved dwelling house
<b>Date:</b>	07/07/2025
<b>To:</b>	Alex Keller
<b>Land to be developed (Address):</b>	Lot 10 DP 987 , 73 Brighton Street CURL CURL NSW 2096

### 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

This proposal is for alterations and additions to a two-storey dwelling, including extensions to existing rooms.

The proposal is assessed against Section E11 of the Warringah DCP and Clause 5.21 of the Warringah LEP. The proposal is within the Low and Medium Flood Risk Precincts and the Flood Planning Level varies across the property.

Subject to the following conditions the proposal generally complies with Section E11 of the Warringah DCP and Clause 5.21 of the Warringah LEP.

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**

#### **Building components and structural soundness**

B1 - All new development below the Flood Planning Level of 10.41m AHD shall be designed and constructed from flood compatible materials.

B2 - All new development must be designed to ensure structural integrity up to the Flood Planning Level of 10.41m AHD, taking into account the forces of floodwater, debris load, wave action, buoyancy and immersion.

B3 - All new and existing electrical equipment, power points, wiring and connections must be located above the Flood Planning Level of 10.41m AHD, protected from flood water or have residual current devices installed to cut electricity supply during flood events.

Details demonstrating compliance are to be submitted to the Principal Certifier for approval.

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.

#### **Floor levels**

C1 - New floor levels within the development shall be set at or above the Flood Planning Level of 10.41m AHD.

Details demonstrating compliance are to be submitted to the Principal Certifier for approval.

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**

#### **Building Components and Structural Soundness**

B2 - A suitably qualified structural engineer is to certify the structural integrity of the new development up to the Flood Planning Level of 10.41m AHD. The depth, velocity, debris load, wave action, buoyancy and immersion must all be considered.

B3 - A suitably qualified electrician or contractor is to certify that all new and existing electrical equipment, power points, wiring and connections are located above the Flood Planning Level of 10.41m AHD, are protected from flood water or have residual current devices installed to cut electricity supply during flood events.

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.