

## Natural Environment Referral Response - Flood

<b>Application Number:</b>	DA2019/1032
<b>To:</b>	Penny Wood
<b>Land to be developed (Address):</b>	Lot A DP 161572 , 71 George Street AVALON BEACH NSW 2107

### 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 proposed development generally complies with the flood requirements of the DCP and LEP.

### Referral Body Recommendation

Recommended for approval, subject to conditions

### 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 – C1

All new development 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 – C2

All new development must be designed and constructed to ensure structural integrity up to the Flood Planning Level of 5.38m AHD, taking into account the forces of floodwater, wave action, flowing water with debris, buoyancy and immersion. Structural certification shall be provided confirming the above.

#### Building Components and Structural Soundness – C3

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 5.38m AHD

Storage of Goods – D1

Hazardous or potentially polluting materials shall not be stored below the Flood Planning Level of 5.38m AHD unless adequately protected from floodwaters in accordance with industry standards.

Floor Levels – F2

The underfloor area of the dwelling is to be designed and constructed to allow clear passage of floodwaters. The underfloor openings in the sides of the building shown on Drawings A009118/ 6C & 7C (12.08.19) are to be kept in an open state, with no door or other filling in.

Fencing – H1

Any fencing on the north-western or south-western boundaries, or within the rear yard, shall be open for passage of flood waters. Any new fencing must be designed with a minimum of 50% open area between the 1% flood level and natural ground level (ie up to 0.3m above natural ground level at this location), to allow flood waters to pass through.

Details demonstrating compliance are to be submitted to the Certifying Authority 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.