



## NSW RURAL FIRE SERVICE

Northern Beaches Council  
PO Box 882  
MONA VALE NSW 1660

Your reference: DA2020/0178 (CNR-5447)  
Our reference: DA20200303000848-Original-1

**ATTENTION:** Teresa Greenow

Date: Tuesday 7 April 2020

Dear Sir/Madam,

**Development Application**  
**s4.14 - Infill - Single Dwelling - Alterations & Additions**  
**33 Kirkwood St Seaforth NSW 2092 AUS, 318//DP11162**

I refer to your correspondence dated 03/03/2020 seeking advice regarding bush fire protection for the above Development Application in accordance with section 4.14 of the *Environmental Planning and Assessment Act 1979*.

The New South Wales Rural Fire Service (NSW RFS) has considered the information submitted and provides the following recommended conditions:

### Asset Protection Zones

#### Condition 1

The entire property shall be managed in perpetuity as an inner protection area (IPA). The IPA shall comprise:

- Minimal fine fuel at ground level;
- Grass mowed on a frequent basis;
- Trees and shrubs retained as clumps or islands and do not take up more than 20% of the area;
- Trees and shrubs located far enough from buildings so that they will not ignite the building;
- Garden beds with flammable shrubs not located under trees or within 10 metres of any windows or doors;
- Minimal plant species that keep dead material or drop large quantities of ground fuel;
- Tree canopy cover not more than 15%;
- Tree canopies not located within 2 metres of the building;
- Trees separated by 2-5 metres and do not provide a continuous canopy from the hazard to the building;
- and,
- Lower limbs of trees removed up to a height of 2 metres above the ground.

### Construction Standards

#### Postal address

NSW Rural Fire Service  
Locked Bag 17  
GRANVILLE NSW 2142

#### Street address

NSW Rural Fire Service  
4 Murray Rose Ave  
SYDNEY OLYMPIC PARK NSW 2127

T (02) 8741 5555  
F (02) 8741 5550  
[www.rfs.nsw.gov.au](http://www.rfs.nsw.gov.au)

***The intent of measures is that buildings are designed and constructed to withstand the potential impacts of bush fire attack. To achieve this, the following conditions shall apply:***

#### **Condition 2**

New construction must comply with Sections 3 and 5 (BAL 12.5) Australian Standard AS3959-2009 Construction of buildings in bush fire-prone areas or NASH Standard (1.7.14 updated) 'National Standard Steel Framed Construction in Bushfire Areas – 2014' as appropriate and section A3.7 Addendum Appendix 3 of Planning for Bush Fire Protection 2006.

#### **Condition 3**

Any new Class 10b structures as defined per the 'National Construction Code' shall be non-combustible or hardwood.

#### **Water and Utility Services**

***The intent of measures is to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting fire fighting activities. To achieve this, the following conditions shall apply:***

#### **Condition 4**

Water, electricity and gas are to comply with section 4.1.3 of 'Planning for Bush Fire Protection 2006'.

#### **Landscaping Assessment**

***The intent of measures is for landscaping. To achieve this, the following conditions shall apply:***

#### **Condition 5**

Landscaping of the site shall comply with following principles of Appendix 5 of 'Planning for Bush Fire Protection 2006':

- Suitable impervious areas are provided immediately surrounding the building such as courtyards, paths and driveways.
- Grassed areas, mowed lawns or ground cover plantings are provided in close proximity to the building.
- Planting is limited in the immediate vicinity of the building.
- Planting does not provide a continuous canopy to the building (i.e. trees or shrubs should be isolated or located in small clusters).
- Landscape species are chosen in consideration needs of the estimated size of the plant at maturity.
- Species are avoided that have rough fibrous bark, or which keep/shed bark in long strips or retain dead material in their canopies.
- Smooth bark species of tree are chosen which generally do not carry a fire up the bark into the crown.
- Planting of deciduous species is avoided which may increase fuel at surface/ ground level (i.e. leaf litter).
- Climbing species are avoided to walls and pergolas.
- Combustible materials such as woodchips/mulch and flammable fuel are stored away from the building.
- Combustible structures such as garden sheds, pergolas and materials such timber garden furniture are located way from the building.
- Low flammability vegetation species are used.

For any queries regarding this correspondence, please contact Simon Derevnin on 1300 NSW RFS.

Yours sincerely,

Kalpana Varghese  
**Team Leader, Dev. Assessment & Planning**  
**Planning and Environment Services**