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|---------------------|-------------------------------------------------------------------------------|
| <b>Sent:</b>        | 21/04/2022 5:46:45 PM                                                         |
| <b>Subject:</b>     | NSW RFS Determination - Your Reference - (CNR-34847) DA2021/2626              |
| <b>Attachments:</b> | DA20220308005909-Original-1 - 20-04-2022 22_59_18 - Determination Letter.pdf; |



## NSW RURAL FIRE SERVICE

**Attention:** Northern Beaches Council

**Your Reference:** (CNR-34847) DA2021/2626

**Application Details:** s4.14 – Infill – Original

**Site Address:**

36 Gurney Crescent  
Seaforth NSW 2092

Please find attached correspondence relating to the above development.

Should you wish to discuss this matter please contact Simon Derevnin on 1300 NSW RFS and quote DA20220308005909-Original-1.



**Planning and Environment Services**

**NSW RURAL FIRE SERVICE**

Locked Bag 17 Granville NSW 2142

**P** 1300 NSW RFS **E** [records@rfs.nsw.gov.au](mailto:records@rfs.nsw.gov.au)

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**PREPARE. ACT. SURVIVE.**



## NSW RURAL FIRE SERVICE

Northern Beaches Council  
PO Box 882  
MONA VALE NSW 1660

Your reference: (CNR-34847) DA2021/2626  
Our reference: DA20220308005909-Original-1

**ATTENTION:** Northern Beaches Council

Date: Thursday 21 April 2022

Dear Sir/Madam,

### Development Application

**s4.14 - Infill - Single Dwelling - Alterations & Additions**

**36 Gurney Crescent Seaforth NSW 2092, 1//DP1066457**

I refer to your correspondence dated 01/02/2022 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

***Intent of measures: to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.***

1. From the start of building works and in perpetuity, the entire property must be managed as an inner protection area (IPA) in accordance with the requirements of Appendix 4 of *Planning for Bush Fire Protection 2019*. When establishing and maintaining an IPA, the following requirements apply:

- Tree canopy cover be less than 15% at maturity;
- Trees at maturity are not touching or overhang the building;
- Lower limbs are removed up to a height of 2m above the ground;
- Tree canopies are separated by 2 to 5m;
- Preference is given to smooth-barked and evergreen trees;
- Large discontinuities or gaps in vegetation are provided to slow down or break the progress of fire towards buildings;
- Shrubs are not located under trees;
- Shrubs do not form more than 10% of ground cover;
- Clumps of shrubs are separated from exposed windows and doors by a distance of at least twice the height of the vegetation.
- Grass to be kept mown (as a guide grass should be kept to no more than 100mm in height);
- Leaves and vegetation debris are removed; and

#### 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)

- NSW Rural Fire Service's document *Standards for asset protection zones*.

2. Any new landscaping to the entire site must comply with Appendix 4 of *Planning for Bush Fire Protection 2019*. In this regard, the following principles are to be incorporated:

- A minimum 1 metre wide area (or to the property boundary where the setbacks are less than 1 metre), suitable for pedestrian traffic, must be provided around the immediate curtilage of 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 are isolated or located in small clusters);
- Landscape species are chosen to ensure tree canopy cover is less than 15% (IPA), and less than 30% (OPA) at maturity and trees do not touch or overhang buildings;
- Avoid species with rough fibrous bark, or which retain/shed bark in long strips or retain dead material in their canopies;
- Use smooth bark species of trees species which generally do not spread fire up the bark into the crown;
- Avoid planting of deciduous species that may increase fuel at surface/ ground level (i.e. leaf litter);
- Avoid climbing species to walls and pergolas;
- Locate combustible materials such as woodchips/mulch, flammable fuel stores away from the building;
- Locate combustible structures such as garden sheds, pergolas and materials such as timber garden furniture away from the building; and
- Low flammability vegetation species are used.

### **Construction Standards**

***Intent of measures: to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.***

3. New construction must comply with Section 3 (excluding section 3.5) and Section 9 (BAL FZ) of the Australian Standard AS3959-2018 *Construction of buildings in bushfire-prone areas* or the relevant BAL-FZ requirements of the NASH Standard - *Steel Framed Construction in Bushfire Areas (incorporating amendment A - 2015)*. New construction must also comply with the construction requirements in Section 7.5 of *Planning for Bush Fire Protection 2019*.

4. Any new Class 10b structures as defined per the *National Construction Code* must be non-combustible.

### **Water and Utility Services**

***Intent of measures: to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.***

5. The provision of water, electricity and gas must comply with Table 7.4a of *Planning for Bush Fire Protection 2019*.

### **General Advice - Consent Authority to Note**

The NSW RFS recognises that the site is constrained and that the proposed development falls within the Flame Zone. Flame Zone development is high risk development; consequently, in situations such as this, the NSW RFS seeks to improve the overall fire safety of the existing development. This requires greater emphasis on construction standards, landscaping, siting, and vegetation management practices to ensure improved levels of protection are afforded to the development, its occupants and fire fighters. The NSW RFS has undertaken a merit based assessment of the proposal and provides the above advice in accordance with *Planning for Bush Fire Protection 2019*.

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

Yours sincerely,

Alastair Patton  
Supervisor Development Assessment & Plan

