



## NSW RURAL FIRE SERVICE

Central Coast Council  
PO Box 20  
WYONG NSW 2259

Your reference: DA/3119/2022 (CNR-47709)  
Our reference: DA20221102011527-Original-1

**ATTENTION:** Robert Eyre

Date: Monday 12 December 2022

Dear Sir/Madam,

### Integrated Development Application

s100B – SFPP – School

12 Penrose Crescent Erina NSW 2250, 201//DP1064473, 82//DP1108157

I refer to your correspondence dated 08/11/2022 seeking general terms of approval for the above Integrated Development Application.

The New South Wales Rural Fire Service (NSW RFS) has considered the information submitted. General Terms of Approval, under Division 4.8 of the *Environmental Planning and Assessment Act 1979*, and a Bush Fire Safety Authority, under section 100B of the *Rural Fires Act 1997*, are now issued subject to the following conditions:

### Asset Protection Zones

***Intent of measures: to provide suitable building design, construction and sufficient space to ensure that radiant heat levels do not exceed critical limits for firefighters and other emergency services personnel undertaking operations, including supporting or evacuating occupants.***

1. From the commencement of building works, and in perpetuity, the entire property must be managed as an inner protection area for a distance of 100 metres (or to the property boundary, whichever occurs first) in accordance with the following requirements of Appendix 4 of *Planning for Bush Fire Protection 2019*:

- tree canopy cover should be less than 15% at maturity;
- trees at maturity should not touch or overhang the building;
- lower limbs should be removed up to a height of 2 m above the ground;
- tree canopies should be separated by 2 to 5 m;
- preference should be given to smooth-barked and evergreen trees;
- large discontinuities or gaps in the shrubs layer should be provided to slow down or break the progress of fire towards buildings;
- shrubs should not be located under trees;
- shrubs should not form more than 10% ground cover;
- clumps of shrubs should be separated from exposed windows and doors by a distance of at least twice the height of the vegetation;
- grass should be kept mown (as a guide, grass should be kept to no more than 100mm in height); and

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Locked Bag 17  
GRANVILLE NSW 2142

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4 Murray Rose Ave  
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- leaves and vegetation debris should be removed regularly.

2. Landscaping within the required asset protection zone 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 carry a 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**

***The intent of measure is to provide suitable building design, construction and sufficient space to ensure that radiant heat levels do not exceed critical limits for firefighters and other emergency services personnel undertaking operations, including supporting or evacuating occupants.***

3. New construction must comply with section 3 and section 6 (BAL 19) of the Australian Standard AS3959-2018 *Construction of buildings in bushfire-prone areas* or the relevant 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. New construction of the proposed awnings to the existing multi-purpose hall must be undertaken using non-combustible materials.

### **Water and Utility Services**

***The intent of measure is to provide adequate services of water for the protection of buildings during and after the passage of a bush fire, and to locate gas and electricity so as not to contribute to the risk of fire to a building.***

5. The provision of new water, electricity and gas services must comply with the following in accordance with Table 6.8c of *Planning for Bush Fire Protection 2019*:

- reticulated water is to be provided to the development where available;
- fire hydrant, spacing, design and sizing complies with the relevant clauses of Australian Standard AS 2419;
- hydrants are and not located within any road carriageway;
- reticulated water supply to urban subdivisions uses a ring main system for areas with perimeter roads;
- fire hydrant flows and pressures comply with the relevant clauses of AS 2419;
- all above-ground water service pipes are metal, including and up to any taps;
- where practicable, electrical transmission lines are underground;
- where overhead, electrical transmission lines are proposed as follows:
  - lines are installed with short pole spacing (30m), unless crossing gullies, gorges or riparian areas; and
  - no part of a tree is closer to a power line than the distance set out in accordance with the specifications in *ISSC3 Guideline for Managing Vegetation Near Power Lines*.

- reticulated or bottled gas is installed and maintained in accordance with AS/NZS 1596:2014 and the requirements of relevant authorities, and metal piping is used;
- reticulated or bottled gas is installed and maintained in accordance with AS/NZS 1596:2014 - *The storage and handling of LP Gas*, the requirements of relevant authorities, and metal piping is used;
- all fixed gas cylinders are kept clear of all flammable materials to a distance of 10m and shielded on the hazard side;
- connections to and from gas cylinders are metal; polymer-sheathed flexible gas supply lines are not used; and
- above-ground gas service pipes are metal, including and up to any outlets.

### **Emergency and Evacuation Planning Assessment**

***The intent of measure is to provide suitable emergency and evacuation arrangements for occupants.***

**6.** An updated Bush Fire Emergency Management and Evacuation Plan must be prepared in accordance with Table 6.8d of *Planning for Bush Fire Protection 2019* and be consistent with the following:

- The NSW RFS document *A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan*;
- an Emergency Planning Committee is established to consult with residents (and their families in the case of aged care accommodation and schools) in developing and implementing an Emergency Procedures Manual; and
- detailed plans of all emergency assembly areas, including on-site and off-site arrangements as stated in AS 3745 '*Planning for emergencies in facilities*', are clearly displayed, and an annually emergency evacuation is conducted.

A copy of the Bush Fire Emergency Management and Evacuation Plan should be provided to the Local Emergency Management Committee for its information prior to the occupation of the development.

For any queries regarding this correspondence, please contact Adam Small on 1300 NSW RFS.

Yours sincerely,

Nika Fomin

**Manager Planning & Environment Services  
Built & Natural Environment**



NSW RURAL FIRE SERVICE

# BUSH FIRE SAFETY AUTHORITY

SFPP – School

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This Bush Fire Safety Authority is issued on behalf of the Commissioner of the NSW Rural Fire Service under s100b of the Rural Fires Act (1997) subject to the attached General Terms of Approval.

This authority confirms that, subject to the General Terms of Approval being met, the proposed development will meet the NSW Rural Fire Service requirements for Bush Fire Safety under *s100b of the Rural Fires Act 1997*.

**Nika Fomin**

**Manager Planning & Environment Services  
Built & Natural Environment**

Monday 12 December 2022