



NSW RURAL FIRE SERVICE

Shoalhaven City Council
PO Box 42
NOWRA NSW 2541

Your reference: (CNR-59292) DS23/1276
Our reference: DA20231031004892-Original-1

ATTENTION: Rebecca Lockart

Date: Wednesday 8 November 2023

Dear Sir/Madam,

Development Application

**s4.14 - Other - Waste or resource management facility
Modification - 120 FLATROCK RD MUNDAMIA NSW 2540, 436//DP808415**

I refer to your correspondence dated 31/10/2023 seeking advice regarding bush fire protection for the above Development Application.

The New South Wales Rural Fire Service (NSW RFS) has reviewed the information provided and advises the following:

Some further information is requested in regard to:

As the building is sited within Flame Zone, some further attention to the details of the building's construction are sought -

1)

Roof system

Set consultants

The roof system shall comply with the requirements of the BCA, and where reasonable and practical, be constructed of non-combustible materials.

RFS - Please provide some level of detail through a section or similar as to what the roof will be constructed to. The sections, as per plans submitted, show reference to Structural Engineering Drawings DN200244/S for structural works to building including portal frame and roof structure.

Please provide the drawings for further assessment

EXTERNAL DOOR

Set consultants

External door systems, including door frames and doors with glazed panels, shall—

- (a) Shall be non - combustible.
- (b) Doors shall be tight-fitting to the door frame and to an abutting door, if applicable.
- (c) Weather strips, draught excluders or draught seals shall be installed at the base of side-hung external doors.
- (d) Seals shall not compromise the FRL or the performance achieved in AS 1530.4.

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

RFS - acceptable - as per FZ requirements AS 3959:2018

VEHICLE ACCESS DOORS

Set consultants

The following applies to vehicle access doors:

- (a) Vehicle access doors shall be non-combustible.
- (b) Where the garage is attached to the building, the requirements of Clause 3.2.2(b) shall apply.
- (c) All vehicle access doors shall be protected with suitable weather strips, draught excluders, draught seals or brushes. Door assemblies fitted with guide tracks do not need edge gap protection.
- (d) Weather strips, draught excluders, draught seals or brushes to protect edge gaps or thresholds shall be manufactured from materials having a flammability index not exceeding 5.
- (e) Vehicle access doors shall not include ventilation slots.

RFS - acceptable - as per FZ requirements AS 3959:2018

ELEVATED FLOORS

Set consultants

- Where the subfloor space is unenclosed, the floor system, including bearers, joist and flooring, shall—
 - (a) have an FRL of at least 30/30/30 and the surface material shall be noncombustible; or
 - (b) have the underside of the combustible elements of the floor system protected with a 30 min resistance to incipient spread of fire system; or
 - (c) conform with AS 1530.8.2 when tested from the underside; or
 - (d) be a combination of any of Items (a), (b) or (c).

RFS - the plans submitted show slab on ground, please amend this recommendation or remove

SUB-FLOOR SUPPORTS

Set consultants

- Where the subfloor space is unenclosed, systems, including support posts, columns, stumps, piers and poles, shall—
 - (a) have an FRL of at least 30/—/— and shall be non-combustible; or
 - (b) be a system conforming with AS 1530.8.2; or
 - (c) be a combination of Items (a) and (b).

RFS - the plans submitted show slab on ground, please amend this recommendation or remove

VENTS AND WEEPHOLES

Set consultants

- Vents and weepholes in external walls shall be screened with a mesh made of corrosion-resistant steel or bronze.

RFS - acceptable - as per FZ requirements AS 3959:2018

WALLS

Set consultants

- The exposed components of external walls shall be non-combustible.

RFS - Please provide further details of the walls and their construction methods: i.e timber/steel, thickness of walls, sarking.

Provide the structural engineer's details for all framing

JOINTS

Set consultants

- All joints in the external surface material of walls shall be covered, sealed, overlapped, backed or butt - jointed.

RFS - acceptable - as per FZ requirements AS 3959:2018

2)

Set consultants

To prevent material ignition and afford occupants of the building adequate protection from exposure to a bush fire, the northern, western and southern elevations (external walls) of the proposed building shall be designed and constructed to comply with the following.

RFS - Please provide detail as to how the eastern elevation of the proposal, external doors, walls, openings can be excluded from any of the preceding requirements noted in Point 1)

If additional information is not received within 21 days the application will be refused on the basis of Requested Information not provided. A formal request for re-assessment would be required after this time.

For any queries regarding this correspondence, please contact Jamie Winter on 1300 NSW RFS.

Yours sincerely,

Anna Jones

**Supervisor Development Assessment & Plan
Built & Natural Environment**