

# Bushfire Attack Level Assessment Report

(As per AS 3959–2018)

## Property Details

Applicants Name: SAP ARCHITECTURE

Contact Phone Number (H): ..... (M): 0493293355

Municipality MURRAY RIVER COUNCIL Lot: Lot 1/DP851678

Address: 1 FORBES STREET, MOAMA NSW 2731

## Type of building work

New Class 1a building ☒

New Class 1b building ☐

New Class 10a building ☒

New Class 2 building ☐

New Class 3 building ☐

Alteration/Additions to an existing building ☐

Description of building work: e.g. single dwelling with attached garage

TWO STOREY DWELLING WITH A SHED ATTACHED

## Note:

### Class 1a

- a single dwelling being— a detached house; or
- one of a group of two or more attached dwellings, each being a building, separated by a fire-resisting wall, including a row house, terrace house, town house or villa unit.

### Class 1b

- a boarding house, guest house, hostel or the like— with a total area of all floors not exceeding 300 m2 measured over the enclosing walls of the Class 1b; and in which not more than 12 persons would ordinarily be resident; or
- 4 or more single dwellings located on one allotment and used for short-term holiday accommodation, which are not located above or below another dwelling or another Class of building other than a private garage.

### Class 10a

- a non-habitable building being a private garage, carport, shed, or the like.

### Class 2

- a building containing 2 or more sole-occupancy units, each being a separate dwelling.

### Class 3

- a residential building, other than a building of Class 1 or 2, which is a common place of long term or transient living for a number of unrelated persons, including— a boarding-house, guest house, hostel, lodging-house or backpackers accommodation; or
- a residential part of a hotel or motel; or
- a residential part of a school; or
- accommodation for the aged, children or people with disabilities; or
- a residential part of a health-care building which accommodates members of staff; or
- a residential part of a detention centre.

## Bush Fire Attack Level (BAL)

### Step 1: Relevant fire danger index

(Refer to clause 2.2.2)

- FDI 50 ☐ Victorian alpine area
- FDI 100 ☒ Victoria general – excluding alpine area

### Step 2: Assess the vegetation types within 100m in all directions

#### Tick relevant group & type of vegetation

(Refer to table 2.3)

Vegetation classification	North	South	East	West
<b>Group A</b> Forest	<input type="checkbox"/> Tall open forest <input type="checkbox"/> Tall woodland <input type="checkbox"/> Open forest <input type="checkbox"/> Low open forest <input type="checkbox"/> Pine plantation	<input type="checkbox"/> Tall open forest <input type="checkbox"/> Tall woodland <input type="checkbox"/> Open forest <input type="checkbox"/> Low open forest <input type="checkbox"/> Pine plantation	<input type="checkbox"/> Tall open forest <input type="checkbox"/> Tall woodland <input type="checkbox"/> Open forest <input type="checkbox"/> Low open forest <input type="checkbox"/> Pine plantation	<input type="checkbox"/> Tall open forest <input type="checkbox"/> Tall woodland <input type="checkbox"/> Open forest <input type="checkbox"/> Low open forest <input type="checkbox"/> Pine plantation
<b>Group B</b> Woodland	<input checked="" type="checkbox"/> Woodland <input type="checkbox"/> Low woodland	<input checked="" type="checkbox"/> Woodland <input type="checkbox"/> Low woodland	<input checked="" type="checkbox"/> Woodland <input type="checkbox"/> Low woodland	<input checked="" type="checkbox"/> Woodland <input type="checkbox"/> Low woodland
<b>Group C</b> Shrub-land	<input type="checkbox"/> Closed (low) heath <input type="checkbox"/> Open heath <input type="checkbox"/> Low shrub-land	<input type="checkbox"/> Closed (low) heath <input type="checkbox"/> Open heath <input type="checkbox"/> Low shrub-land	<input type="checkbox"/> Closed (low) heath <input type="checkbox"/> Open heath <input type="checkbox"/> Low shrub-land	<input type="checkbox"/> Closed (low) heath <input type="checkbox"/> Open heath <input type="checkbox"/> Low shrub-land
<b>Group D</b> Scrub	<input type="checkbox"/> Closed scrub (Tall Heaths) <input type="checkbox"/> Open scrub	<input type="checkbox"/> Closed scrub (Tall Heaths) <input type="checkbox"/> Open scrub	<input type="checkbox"/> Closed scrub (Tall Heaths) <input type="checkbox"/> Open scrub	<input type="checkbox"/> Closed scrub (Tall Heaths) <input type="checkbox"/> Open scrub
<b>Group E</b> Mallee/Mulga	<input type="checkbox"/> Tall shrubland	<input type="checkbox"/> Tall shrubland	<input type="checkbox"/> Tall shrubland	<input type="checkbox"/> Tall shrubland
<b>Group F</b> Rainforest	<input type="checkbox"/> Tall closed forest <input type="checkbox"/> Closed forest <input type="checkbox"/> Low closed forest	<input type="checkbox"/> Tall closed forest <input type="checkbox"/> Closed forest <input type="checkbox"/> Low closed forest	<input type="checkbox"/> Tall closed forest <input type="checkbox"/> Closed forest <input type="checkbox"/> Low closed forest	<input type="checkbox"/> Tall closed forest <input type="checkbox"/> Closed forest <input type="checkbox"/> Low closed forest
<b>Group G</b> Grassland	<input type="checkbox"/> Open woodland <input type="checkbox"/> Low open woodland <input type="checkbox"/> Open shrubland <input type="checkbox"/> Low open shrubland <input type="checkbox"/> Hummock grassland <input type="checkbox"/> Closed tussock grassland <input type="checkbox"/> Tussock grassland	<input type="checkbox"/> Open woodland <input type="checkbox"/> Low open woodland <input type="checkbox"/> Open shrubland <input type="checkbox"/> Low open shrubland <input type="checkbox"/> Hummock grassland <input type="checkbox"/> Closed tussock grassland <input type="checkbox"/> Tussock grassland	<input type="checkbox"/> Open woodland <input type="checkbox"/> Low open woodland <input type="checkbox"/> Open shrubland <input type="checkbox"/> Low open shrubland <input type="checkbox"/> Hummock grassland <input type="checkbox"/> Closed tussock grassland <input type="checkbox"/> Tussock grassland	<input type="checkbox"/> Open woodland <input type="checkbox"/> Low open woodland <input type="checkbox"/> Open shrubland <input type="checkbox"/> Low open shrubland <input type="checkbox"/> Hummock grassland <input type="checkbox"/> Closed tussock grassland <input type="checkbox"/> Tussock grassland

	<input type="checkbox"/> Open tussock <input type="checkbox"/> Sparse open tussock <input type="checkbox"/> Dense sown pasture <input type="checkbox"/> Sown Pasture <input type="checkbox"/> Open herbfield <input type="checkbox"/> Sparse open herbfield	<input type="checkbox"/> Open tussock <input type="checkbox"/> Sparse open tussock <input type="checkbox"/> Dense sown pasture <input type="checkbox"/> Sown Pasture <input type="checkbox"/> Open herbfield <input type="checkbox"/> Sparse open herbfield	<input type="checkbox"/> Open tussock <input type="checkbox"/> Sparse open tussock <input type="checkbox"/> Dense sown pasture <input type="checkbox"/> Sown Pasture <input type="checkbox"/> Open herbfield <input type="checkbox"/> Sparse open herbfield	<input type="checkbox"/> Open tussock <input type="checkbox"/> Sparse open tussock <input type="checkbox"/> Dense sown pasture <input type="checkbox"/> Sown Pasture <input type="checkbox"/> Open herbfield <input type="checkbox"/> Sparse open herbfield
<b>Group H</b> Tussock Moorland	<input type="checkbox"/> Tussock Moorland	<input type="checkbox"/> Tussock Moorland	<input type="checkbox"/> Tussock Moorland	<input type="checkbox"/> Tussock Moorland
<b>Exclusions</b>	<b>North</b>	<b>South</b>	<b>East</b>	<b>West</b>
Insert relevant paragraph descriptor from clause 2.2.3.2. i.e.(b), (c), (d), (e) or (f)	N/A	N/A	N/A	N/A

### Step 3: Distance of the site from classified vegetation

(Refer to clause 2.2.4)

Distance from each vegetation type	North	South	East	West
	18m	21.5m	1m	41.4m
	GROUP B	GROUP B	GROUP B	GROUP B
	WOODLAND	WOODLAND	WOODLAND	WOODLAND

### Step 4: Determine the effective slope of land under the classified vegetation

(Refer to Figure 2.3)

Effective slopes	North	South	East	West
Slope under the classified vegetation	<input checked="" type="checkbox"/> Upslope/0°	<input checked="" type="checkbox"/> Upslope/0°	<input checked="" type="checkbox"/> Upslope/0°	<input type="checkbox"/> Upslope/0°
	<b>Downslope</b>			
	<input type="checkbox"/> >0° to 5°	<input type="checkbox"/> >0° to 5°	<input type="checkbox"/> >0° to 5°	<input checked="" type="checkbox"/> >0° to 5°
	<input type="checkbox"/> >5° to 10°	<input type="checkbox"/> >5° to 10°	<input type="checkbox"/> >5° to 10°	<input type="checkbox"/> >5° to 10°
	<input type="checkbox"/> >10° to 15°	<input type="checkbox"/> >10° to 15°	<input type="checkbox"/> >10° to 15°	<input type="checkbox"/> >10° to 15°
	<input type="checkbox"/> >15° to 20°	<input type="checkbox"/> >15° to 20°	<input type="checkbox"/> >15° to 20°	<input type="checkbox"/> >15° to 20°

### Step 5—Determination of the BAL

Select the relevant table from Tables 2.4 or 2.6 for FDI 50 or FDI 100 as relevant for Victoria.

Using the relevant table, determine the Bushfire Attack Level (BAL) for each of the vegetation classifications determined at Step 2, the distance from the site determined at Step 3 and the effective slope determined at Step 4.

The BAL for this site is: BAL .....FZ.....

**Assessors Name:** REBECCA KENNEDY

Home ..... Mobile 0437388181 ..... Work 0493293355

I have taken all reasonable steps to ensure that the information provided in this assessment is accurate and reflects the conditions on and around the site and allotment on the date of this assessment.

Signed: \_\_\_\_\_

Date: 20-12-2024

Site plan (Attachment 1)  
North aspect vegetation and east aspect vegetation (Attachment 2)  
South aspect vegetation and west aspect vegetation (Attachment 3)

## This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

BAL LEGEND



BUSHFIRE PRONE  
AREA OVERLAY



CLASSIFIABLE  
VEGETATION



**sap.**  
architecture

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PH: 0493 293 355  
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**1 BAL PLAN**

1:1250

**BUSHFIRE ATTACK LEVEL (BAL)**

BUSHFIRE ATTACK LEVEL IS "BAL-LOW" AS PER  
CLAUSE 2.2.3.2 OF AS3959-2009. THERE ARE  
NO SPECIAL CONSTRUCTION REQUIREMENTS  
FOR THIS BUSHFIRE ATTACK LEVEL

PROJECT

**PROPOSED HOUSE**

ADDRESS

**1 FORBES STREET, MOAMA 2731**

CLIENT

**REUBEN CAMPBELL**

PROJECT STATUS

**TOWN PLANNING**

DRAWING

**BAL PLAN**

SHEET #

**BAL1**

JOB #

**24-094**

SCALE

**As indicated**

DRAWN

**SA**

DATE

**09/12/24**