

## SECTION TWO - BUSH FIRE ASSESSMENT REPORT (Attach to DA)

### PART A Property Details

Applicants Name: Robert Fraser - Bemergals Construction P/L

Contact Phone Number; (H): (.....) ..... (M): 0429 023781

Council: Snowy Monaro Council Reference (if known): .....

Lot: 765 DP: 1119757

Address to be developed: Chimneys Ridge - 7B Diggings Terrace Thredbo NSW 2625

My property is on Bush Fire Prone Land:  Yes

### PART B Type of Proposal

Type of Proposal:

New Building  Urban

Dual Occupancy  Rural Residential

Alteration/Additions to an existing building  Isolated Rural

Proposal Description: e.g. two storey house with attached garage Alterations to existing external stairs.

Copy of plans attached  Yes

### PART C Bush Fire Attack and Level of Construction

Step 1: Assess the vegetation about the proposed building in all directions and convert from Keith to AUSLIG (1990) using Table1

| CATEGORY             | NORTH  | EAST   | SOUTH  | WEST   |
|----------------------|--|--|--|--|
| Converted vegetation | <input type="checkbox"/> Forest                  | <input type="checkbox"/> Forest                  | <input type="checkbox"/> Forest                  | <input type="checkbox"/> Forest              |
|                      | <input type="checkbox"/> Woodland                | <input type="checkbox"/> Woodland                | <input type="checkbox"/> Woodland                | <input checked="" type="checkbox"/> Woodland |
|                      | <input type="checkbox"/> Shrubland               | <input type="checkbox"/> Shrubland               | <input type="checkbox"/> Shrubland               | <input type="checkbox"/> Shrubland           |
|                      | <input type="checkbox"/> Scrub                   | <input type="checkbox"/> Scrub                   | <input type="checkbox"/> Scrub                   | <input type="checkbox"/> Scrub               |
|                      | <input type="checkbox"/> Mallee/Mulga            | <input type="checkbox"/> Mallee/Mulga            | <input type="checkbox"/> Mallee/Mulga            | <input type="checkbox"/> Mallee/Mulga        |
|                      | <input type="checkbox"/> Rainforest              | <input type="checkbox"/> Rainforest              | <input type="checkbox"/> Rainforest              | <input type="checkbox"/> Rainforest          |
|                      | <input type="checkbox"/> Tussock                 | <input type="checkbox"/> Tussock                 | <input type="checkbox"/> Tussock                 | <input type="checkbox"/> Tussock             |
|                      | <input type="checkbox"/> Moorland                | <input type="checkbox"/> Moorland                | <input type="checkbox"/> Moorland                | <input type="checkbox"/> Moorland            |
|                      | <input checked="" type="checkbox"/> Managed Land | <input checked="" type="checkbox"/> Managed Land | <input checked="" type="checkbox"/> Managed Land | <input type="checkbox"/> Managed Land        |

Copy of any relevant photos attached  Yes

**Step 2: Determine the distance from asset to boundary line**

| ASPECT   | NORTH       | EAST      | SOUTH     | WEST        |
|----------|-------------|-----------|-----------|-------------|
| Distance | 0.5 ..... m | 1 ..... m | 3 ..... m | 0.5 ..... m |

**Step 3: Determine the distance from the building line to the vegetation in each direction as above**

| ASPECT   | NORTH      | EAST       | SOUTH      | WEST       |
|----------|------------|------------|------------|------------|
| Distance | 17 ..... m | 10 ..... m | 18 ..... m | 10 ..... m |

**Step 4: Determine the effective slope that will influence bush fire behaviour in each direction**

| CATEGORY   | NORTH                                       | EAST  | SOUTH  | WEST   |
|--|---|---|--|--|
| Slope under the hazard<br>(over 100m) [in degrees] | <input type="checkbox"/> upslope/flat       | <input type="checkbox"/> upslope/flat       | <input checked="" type="checkbox"/> upslope/flat | <input checked="" type="checkbox"/> upslope/flat |
|  | <input checked="" type="checkbox"/> >0 to 5 | <input checked="" type="checkbox"/> >0 to 5 | <input type="checkbox"/> >0 to 5                 | <input 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 18          | <input type="checkbox"/> >15 to 18          | <input type="checkbox"/> >15 to 18               | <input type="checkbox"/> >15 to 18               |

**Step 5: Determine the Fire Danger Index (FDI) that applies to your local government area (see page 9). Circle the relevant FDI below**

FDI  100  80  50

**Step 6: Match the relevant FDI, vegetation, distance and slope to determine the required APZ and Construction level**

FDI  100 (see Table 4, page 11)  80 (see Table 5, page 12)  50 (see Table 6, page 13)

Identify the bush fire attack level for each direction, select the highest level for the entire building and record below. Note BAL-12.5 is the lowest construction level within the scope of AS3959.

**Bush Fire Attack Level**

- BAL- FZ
- BAL- 40
- BAL- 29
- BAL- 19
- BAL-12.5
- No requirement

Does your proposal meet the required construction level  YES  NO

**PART D  
Flame Zone**

**Provide details and evidence of an alternative solution.**

*If you determine your house is located in the flame zone you may wish to seek the advice of a specialist bush fire consultant.*

**PART E Water Supplies**

Does your property have a reticulated (piped) water supply?; If so, please provide details on the distance to the nearest fire hydrant on your site plan.

Reticulated (piped) water supply is available

Yes  No Distance .....<sup>TBC</sup>..... (m) to hydrant from house.

Do you have or do you plan to have a dedicated water supply for firefighting purposes?

Yes  No

| Development Type                                     | Water Requirement                  | Planned | Existing |
|--|------------------------------------|---------|----------|
| Residential Lots (<1,000m <sup>2</sup> )             | 5,000 l/lot                        |         |          |
| Rural-residential Lots (1,000-10,000m <sup>2</sup> ) | 10,000 l/lot                       |         |          |
| Large Rural/Lifestyle Lots (>10,000m <sup>2</sup> )  | 20,000 l/lot                       |         |          |
| Dual Occupancy                                       | 2,500 l/unit                       |         |          |
| Townhouse/Unit Style (e.g. Flats)                    | 5,000 l/unit up to 20,000l maximum | NO      | NO       |

Do you have or do you plan to have a static water supply (e.g. pool, tank or dam). Include approx. size in litres and also include tank material if using a tank:

| Water supply type | Capacity | Construction material                        | Planned | Existing |
|-------------------|----------|--|---------|----------|
| e.g. pool         | 50,000l  | Above ground rolled steel with plastic liner |         |          |
| N/A               |          | N/A  | NO      | NO       |
|                   |          |  |         |          |
|                   |          |  |         |          |

NOTE: Check with your local council concerning their Local Environmental Plan (LEP) or their Development Control Plan (DCP) as this may dictate the type and size of tank.


**PART F Gas Supplies**

**GAS**

Do you have reticulated (piped) or bottled gas?

**TYPE OF GAS**

Reticulated gas  Yes  No  
 Bottled gas  Yes  No

 **NOTE:** When attaching development plans please ensure they clearly show location and details of electricity and gas (where relevant) on your property.

