

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

### PART A Property Details

Applicants Name: AMS Design & Drafting Pty Ltd

Contact Phone Number; (H): (.....) (M): 0413206682

Council: Maitland City Council Council Reference (if known): .....

Lot: 1 & 2 DP: 225727

Address to be developed: 49 Spotted Gum Grove Thornton, NSW 2322 & 8 Avalon Drive Thornton, NSW 2322

My property is on Bush Fire Prone Land: ☒ Yes

### PART B Type of Proposal

Type of Proposal:

- |  |   |
|--|---|
| <input type="checkbox"/> New Building  | <input type="checkbox"/> Urban                        |
| <input type="checkbox"/> Dual Occupancy  | <input checked="" type="checkbox"/> Rural Residential |
| <input checked="" type="checkbox"/> Alteration/Additions to an existing building | <input type="checkbox"/> Isolated Rural               |

Proposal Description: e.g. two storey house with attached garage Proposed Conversion of Existing Shed/Garage into Home Business & Proposed Subdivision (2 into 3 Lots)

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 checked="" type="checkbox"/> Woodland	<input type="checkbox"/> Woodland	<input type="checkbox"/> Woodland	<input 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 checked="" 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	47.821 m	16.775 m	56.091 m	24.368 m

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

ASPECT	NORTH	EAST	SOUTH	WEST
Distance	15.24 m	12.07 m	33.85 m	47.31 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 (over 100m) [in degrees]	<input checked="" type="checkbox"/> upslope/flat <input type="checkbox"/> >0 to 5 <input type="checkbox"/> >5 to 10 <input type="checkbox"/> >10 to 15 <input type="checkbox"/> >15 to 18	<input checked="" type="checkbox"/> upslope/flat <input type="checkbox"/> >0 to 5 <input type="checkbox"/> >5 to 10 <input type="checkbox"/> >10 to 15 <input type="checkbox"/> >15 to 18	<input type="checkbox"/> upslope/flat <input checked="" type="checkbox"/> >0 to 5 <input type="checkbox"/> >5 to 10 <input type="checkbox"/> >10 to 15 <input type="checkbox"/> >15 to 18	<input type="checkbox"/> upslope/flat <input checked="" type="checkbox"/> >0 to 5 <input type="checkbox"/> >5 to 10 <input type="checkbox"/> >10 to 15 <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	<input checked="" type="checkbox"/> 100	<input type="checkbox"/> 80	<input type="checkbox"/> 50
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**Step 6: Match the relevant FDI, vegetation, distance and slope to determine the required APZ and Construction level**

FDI	<input checked="" type="checkbox"/> 100 (see Table 4, page 11)	<input type="checkbox"/> 80 (see Table 5, page 12)	<input type="checkbox"/> 50 (see Table 6, page 13)
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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**

- |                                  |   |
|----------------------------------|---|
| <input type="checkbox"/> BAL- FZ | <input checked="" type="checkbox"/> BAL- 19 |
| <input type="checkbox"/> BAL- 40 | <input type="checkbox"/> BAL-12.5           |
| <input type="checkbox"/> BAL- 29 | <input type="checkbox"/> 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 ..... (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		

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		
Mains water				

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.