

TEAR OUT AND ATTACH THIS BUSH FIRE ASSESSMENT REPORT WITH YOUR APPLICATION TO COUNCIL

## SECTION TWO

### BUSH FIRE ASSESSMENT REPORT

#### PART A: Property details

Applicant name: LILLY MARCH

Contact phone numbers

Home:

Mobile: 0434221897

Council:

MIDCOAST COUNCIL

Council reference (if known):

TAREE

Lot:

854

DP:

1287614

Address to be developed:

2 AIRLIE CLOSE RED HEAD 2430

My property is on Bush Fire Prone Land:

Yes

☐

No

☒

#### PART B: Type of proposal

Type of Proposal:

TWO STOREY HOME WITH POOL

New Building

☒

Urban

☐

Isolated Rural

☐

Rural Residential

☐

Alteration/Additions to an existing building

☐

Proposal Description: e.g. two storey house with attached

Copy of plans attached:

Yes

☒

No

☐

## PART C: Bush fire attack and level of construction

### Step 1

Assess the vegetation hazard in all directions

| Category               | North                         | East                | South               | West                |
|------------------------|-------------------------------|---------------------|---------------------|---------------------|
| Keith vegetation group | Rainforest                    | Rainforest          | Rainforest          | Rainforest          |
|                        | Forest                        | Forest              | Forest              | Forest              |
|                        | Grassy and Semi-Arid Woodland | Woodland            | Woodland            | Woodland            |
|                        | Forested Wetland              | Forested Wetland    | Forested Wetland    | Forested Wetland    |
|                        | Tall Heath                    | Tall Heath          | Tall Heath          | Tall Heath          |
|                        | Short Heath                   | Short Heath         | Short Heath         | Short Heath         |
|                        | Arid-Shrubland                | Arid-Shrubland      | Arid-Shrubland      | Arid-Shrubland      |
|                        | Freshwater Wetlands           | Freshwater Wetlands | Freshwater Wetlands | Freshwater Wetlands |
|                        | Grasslands                    | Grasslands          | Grasslands          | Grasslands          |
|                        | Managed Land                  | Managed Land        | Managed Land        | Managed Land        |

Copy of any relevant photos attached:

HOUSE

1 TREE

1 TREE

Yes ☒ No ☐

### Step 2

Determine the distance from the building to the bush fire vegetation hazard

| Aspect   | North   | East    | South     | West      |
|----------|---------|---------|-----------|-----------|
| Distance | ..... m | ..... m | 60..... m | 27..... m |

### Step 3

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] | upslope/flat<br>>0 to 5<br>>5 to 10<br>>10 to 15<br>>15 to 20 | upslope/flat<br>>0 to 5<br>>5 to 10<br>>10 to 15<br>>15 to 20 | upslope/flat<br>>0 to 5<br>>5 to 10<br>>10 to 15<br>>15 to 20 | upslope/flat<br>>0 to 5<br>>5 to 10<br>>10 to 15<br>>15 to 20 |

### Step 4

Determine the FFDI that applies to your local government area. Circle the relevant FFDI below

FFDI: 100 ☐ 80 ☒

### Step 5

Match the relevant FFDI, vegetation, distance and slope to determine the required BAL.

Identify the BAL 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 AS3959-2018.

Bush Fire Attack Level: BAL- FZ ☐ BAL- 29 ☐ BAL-12.5 ☐  
BAL- 40 ☐ BAL-19 ☒ No requirement ☐

### Step 6

Determining BAL construction requirements

Once the appropriate BAL has been determined in Step 5, AS3959-2018 and or/ the NASH Standard 2014 will be used to determine the construction requirements for the proposed design.

Does your proposal meet the construction requirements for the BALs required as per AS3959-2018 and the NASH Standard (2014):

Yes ☒ No ☐

## Grassland Deeming Provisions Assessment

This assessment is only required where the deeming provisions are to be used. Where the deeming provisions are not to be used, previous Steps 1 to 6 in Part C must be applied. Tick which box below applies to individual circumstances:

- ☐ An APZ of 50m or more can be provided – this can be considered to meet PBP 2019, no further bush fire protection measures are required
- ☐ An APZ of 20-49m can be provided – comply with Grassland Deeming Provisions requirements in the following Table
- ☐ An APZ of less than 20m is provided or the standard assessment process is proposed - use the assessment process identified in Steps 1 to 6 above

## Grassland Deeming Provisions

| BUSH FIRE PROTECTION MEASURE | GRASSLAND DEEMING PROVISIONS                                                                                                                                                                                                                                                                                                                              |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APZ                          | <ul style="list-style-type: none"> <li>➤ limited to a maximum of 15 degrees downslope;</li> <li>➤ minimum APZ of 20m is provided between the building and unmanaged grass;</li> <li>➤ the APZ is wholly within the boundaries of the development site; and</li> <li>➤ the APZ is maintained as a mown area with grass heights less than 100mm.</li> </ul> |
| Construction                 | ➤ construction in accordance with BAL-12.5 of AS3959-2018 and any additional construction requirements in PBP 2019.                                                                                                                                                                                                                                       |
| Access                       | ➤ comply with the property access provisions in Part G.                                                                                                                                                                                                                                                                                                   |
| Water supply                 | ➤ comply with the water supply provisions in Part E.                                                                                                                                                                                                                                                                                                      |
| Landscaping                  | ➤ comply with the relevant provisions in Appendix 4 of PBP 2019, noting that other vegetation bush fire hazards cannot be present if these provisions are to apply.                                                                                                                                                                                       |

## PART D: Flame zone

Provide details and justification for any additional bush fire protection measures required for a performance based solution.

## PART E: Water supplies

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

Reticulated water supply is available:

Yes ☒ No ☐

Distance 8 (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                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Rural-residential Lots (1,000 – 10,000m <sup>2</sup> ) <1 ha  | 10,000 l/lot                        | <input type="checkbox"/>            | <input type="checkbox"/> |
| Large Rural/Lifestyle Lots (>10,000m <sup>2</sup> ) >1 ha     | 20,000 l/lot                        | <input type="checkbox"/>            | <input type="checkbox"/> |
| Townhouse/Unit Style<br>(e.g. Flats including Dual Occupancy) | 5,000 l/unit up to 20,000l maximum. | <input type="checkbox"/>            | <input type="checkbox"/> |

Do you have or do you plan to have a static water supply (e.g. pool, tank or dam)?

Include approximate 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 | <input type="checkbox"/>            | <input type="checkbox"/> |
| POOL              | 12,000L  | STEEL FRAME ABOVE GROUND<br>PLASTIC LINER    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WATER TANK        | 5,000L   | POLY                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**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

Do you have reticulated or bottled gas?

Yes ☐ No ☒

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.*

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## Part G: Access

Does the development proposal meet the requirements as defined in this document?

Yes ☒ No ☐