

PART D BAL & Risk Assessment

Step 1: Assess the vegetation about the proposed building in all directions.

CATEGORY	NORTH	EAST	SOUTH	WEST
Converted vegetation (See Vegetation Chart)	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest
	<input type="checkbox"/> Woodland	<input checked="" type="checkbox"/> Woodland	<input type="checkbox"/> Woodland	<input type="checkbox"/> Woodland
	<input type="checkbox"/> Tall Heath	<input type="checkbox"/> Tall Heath	<input type="checkbox"/> Tall Heath	<input type="checkbox"/> Tall Heath
	<input type="checkbox"/> Short Heath	<input type="checkbox"/> Short Heath	<input type="checkbox"/> Short Heath	<input type="checkbox"/> Short Heath
	<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"/> Grassland	<input type="checkbox"/> Grassland	<input type="checkbox"/> Grassland	<input type="checkbox"/> Grassland
	<input checked="" type="checkbox"/> Managed Land	<input type="checkbox"/> Managed Land	<input checked="" type="checkbox"/> Managed Land	<input checked="" type="checkbox"/> Managed Land

Step 2: Determine the distance from the building line to the vegetation in each direction as above

ASPECT	NORTH	EAST	SOUTH	WEST
Distance	100 m	50 m	100 m	100 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]	<input checked="" type="checkbox"/> upslope/flat	<input checked="" type="checkbox"/> upslope/flat	<input type="checkbox"/> upslope/flat	<input checked="" type="checkbox"/> upslope/flat
	<input type="checkbox"/> >0 to 5	<input type="checkbox"/> >0 to 5	<input checked="" 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	<input type="checkbox"/> >15	<input type="checkbox"/> >15	<input type="checkbox"/> >15

Step 4: Determine the Fire Danger Index (FDI) that applies to your local government area (council). Tick the relevant FDI below

FDI 100 (see Table 4, page 7) 80 (see Table 5, page 7) 50 (see Table 4, page 7)

Step 5: Match the relevant FDI, vegetation, distance and slope to determine the required APZ and Construction level

Identify the bushfire 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.

Identify the Bushfire Attack Level (BAL) below:

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

NOTE: BAL-40 and BAL-FZ are considered higher risk development and do not constitute complying development. You are advised to consult with a qualified bush fire consultant for more information.

NSW RURAL FIRE SERVICE BUSHFIRE ATTACK LEVEL RISK ASSESSMENT

SECTION TWO - BAL RISK APPLICATION FORM
(To be detached and submitted)

PART A Property Details

Applicants Name: PAUL BUTTIGIEG
 Contact Phone Number: (H): (.....) (M): 0415 169 321
 Council: PENRITH Council Reference (if known):
 Lot: 6 DP: 25020
 Address to be developed: 48-54 CLARK RD. LONDONDERRY
 My property is on Bush Fire Prone Land: Yes No

PART B Type of Proposal

Type of Proposal:	Zoning:
<input checked="" type="checkbox"/> New Dwelling	<input type="checkbox"/> Residential
<input type="checkbox"/> Alteration/Additions to an existing building	<input checked="" type="checkbox"/> Rural

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

Copy of plans attached: Yes Copy of any relevant photos attached: Yes
 Assessment fee attached: Yes Other submission requirements Yes

NOTE: The RFS will not be able to undertake a BAL Risk Assessment unless all necessary information has been submitted.

PART C Bush Fire Development Standards

Does your proposal meet all the relevant Development Standards for your land zoning? (See Section 1 - Part C)

Yes No Unknown

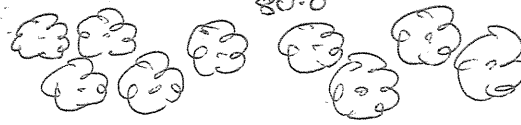
NOTE: If your proposal does not satisfy all the development standards for your land zoning, you may need to reconsider your application for complying development or contact a qualified bush fire consultant for more information.

NSW RURAL FIRE SERVICE BUSHFIRE ATTACK LEVEL RISK ASSESSMENT

BUSHLAND

MANAGED LAND

80.0



HORSE Paddock



NORTH

MANAGED LAND

MANAGED LAND

100M SLOPE BAL LOW
DOWN SLOPE BAL LOW

200M

200M



DWELLING

12m
5.0
29.55

GRASED Paddock
R.L. 29.00
450x450X
450 SUMP
GALV. GRATE OVER.

STABLES

SEDIMENT FENCE

MANAGED LAND 100M SLOPE BAL LOW LEVEL

1.50

429.45

PROPOSED DWELLING

PROPOSED CARPORT

EXISTING DWELLING

R.F.L. 30.0 ASSUMED

CYOT

DWELLING

ABOVE GROUND WATER TANK
SCATTERED WOODLAND 50M BAL 12-5 LEVEL

100M
39m
29.70

CLARK ROAD

SITE PLAN 1:700

LOT 6, DP 25020

LAND AREA 1.6 HECTARES

MANAGED LAND

MANAGED LAND

BUSHFIRE ASSESSMENT

**PROPOSED NEW DWELLING
(DETACHED DUAL OCCUPANCY)
AT 48-54 CLARK ROAD, LONDONDERRY
FOR P & J BUTTIGIEG**

Scales as shown

Date 06.09.17

Drawn by A Bonnici 9626-8425

LEVEL OF BUILDING CONSTRUCTION
FOR BAL 12.5

FOR PROPOSED NEW DWELLING
AT 48-54 CLARK ROAD, LONDONDERRY 2753
FOR P & J BUTTIGIEG

FLOORS

Suspended timber floor.

EXTERNAL WALLS

Hardies Hardiplank fibre cement cladding.

WINDOWS

Aluminium windows with standard glazing to comply with BAL 12.5, AS.3959 and AS.1288.

VENTS

Vents in external walls shall be screened with mesh with a maximum aperture of 2mm, made of corrosion-resistant steel, bronze or aluminium.

WINDOW SCREENS

All opening sashes shall have a mesh or perforated sheet with a maximum aperture of 2mm, made of corrosion-resistant steel, bronze or aluminium. Gaps between the perimeter of the screen assembly and the building element to which it is fitted shall not exceed 3mm. The frame supporting the mesh or perforated sheet shall be made of metal.

ROOF

Colorbond steel roof to be fully sarked. The sarking shall –

- (a) have a flammability index of not more than 5, when tested to AS 1530;
- (b) be located directly above the roof battens;
- (c) cover the entire roof area including the ridge; and
- (d) be installed so that there are no gaps that would allow the entry of embers where the sarking meets fascias, gutters, valleys and the like.

FASCIA

Colorbond steel.

GUTTER

Colorbond steel.

EAVES

Fibre cement fully enclosed eaves.

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EXTERNAL DOORS

The external hinged doors shall be solid core or solid timber. Aluminium framed door also complies. A weather strip will be fitted at the bottom of the door to prevent any ember attack. Any glazing in the door to be 5mm toughened glass.