

Bushfire Attack Level (BAL) Assessment  
under State Environmental Planning Policy  
(Exempt and Complying Development Codes) 2008

in relation to the proposed covered pergola over an existing deck at:

**Lot 518 DP 218576**

**11 Leinster Avenue Killarney Heights (subject site)**

Bushfire Consulting Services Pty Ltd has undertaken a bushfire attack level (BAL) hazard assessment in accordance with the simplified procedure described in Clause 2.2 (Method 1) of Australian Standard 3959-2009 Construction of Buildings in Bushfire Prone Areas for the above mentioned property.

The details relevant to the BAL assessment are contained in the table on page 2 of this document. The BAL assessment is based on the proposed development being separated by at least 8m from the eastern boundary of the subject site (Figure 1 in Appendix). For the purposes of Clause 3.4 (2) (a) of the Housing Code, this is to certify that the part of the lot on which the development is to be carried out is not in bushfire attack level 40 (BAL 40) or in the flame zone (BAL FZ).

The distance to the nearest vegetation considered a hazard at the time of inspection of the site indicates that the BAL for the proposed development is BAL 12.5.

NOTES:

1. This Document is valid for 12 months from the date of issue.
2. Any recommendation or advice expressed in this report is made in good faith and in accordance with the relevant legislation for bushfire prone development in New South Wales. It should be borne in mind that the measures recommended in this document cannot guarantee that a building will survive a bushfire event on every occasion. This is due to the degree of vegetation management, the unpredictable behaviour of bushfires and extreme weather conditions. As such, the author is not liable to any person for any damage or loss whatsoever which has occurred or may occur in relation to the person taking action or not taking action based on the recommendations of this report.
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## Details Relevant to the BAL Assessment

Property Address	Lot 518 DP 218576 11 Leinster Avenue Killarney Heights
Date of Assessment	07/03/2019
BAL Assessment Procedure	The simplified procedure described in Clause 2.2 (Method 1) of Australian Standard 3959-2009 Construction of Buildings in Bushfire Prone Areas
Fire Danger Index (FDI) (Greater Sydney Region)	100
Is the BAL for the part of the lot on which the development is to be carried out less than BAL 40 or BAL FZ when assessed under AS3959-2009?	Yes
Hazard Structure	Forest
Distance to the closest hazard (east)	At least 82m
Effective slope	Downslope >10 – 15°
Recommended BAL based on table 2.4.2 of AS3959-2009	BAL 12.5




### Catherine Gorrie

(a person who is recognised by the NSW Rural Fire Service as a suitably qualified consultant in bush fire risk assessment)

### Accredited Bushfire Consultant

Fire Protection Association Australia BPAD- LEVEL 3 (BPAD20751)

Grad Dip Bushfire Protection (UWS 2010)

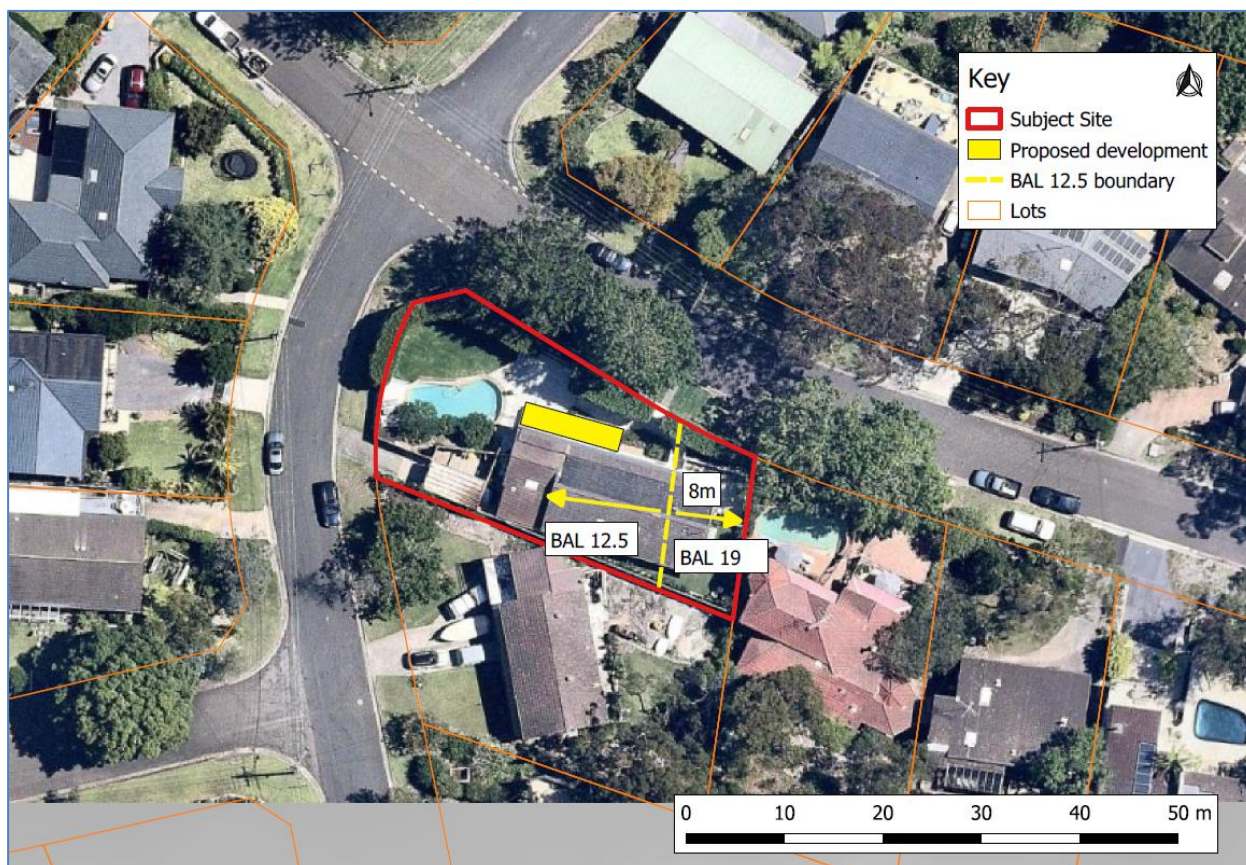
Diploma Environmental Health & Building Surveying (TAFE 2005)

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## Appendix



**Figure 1. BAL ratings on site**

*The approximate position of the proposed development is indicated. To achieve BAL 12.5 any new development must be separated from the eastern boundary of the subject site by at least 8m as shown.*