Bushfire Attack Level (BAL) Certificate

Determined in accordance with AS 3959-2018

This certificate has been issued by a representative from Green Start Consulting. The certificate details the conclusions of the full Bushfire Attack Level Assessment Report (full report) prepared Green Start Consulting.

Property Details and Description of Works

Address Details	**Unit no** 6/7	**Street no** 1295	**Lot no**	**Street name / Plan Reference** Mandurah Rd		
	Suburb Baldivis				**State** WA	**Postcode** 6171
Local government area	City of Rockingham					
Main BCA class of the building	Class 1b	**Use(s) of the building**	Residential			
Description of the building or works	Proposed Short Accommodation Unit					

Determination of Highest Bushfire Attack Level

AS 3959 Assessment Procedure	Vegetation Classification	Effective Slope	Separation Distance	BAL
Method 1	Class B Woodland	Downslope 2.9°	6m	BAL – FZ

Practitioner Details

Name
James Terenciuk

Green Start Consulting
admin@greenstartconsulting.com.au
Phone: (08) 6114 9356

Signature:

Date: 17 June 2026

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I hereby certify that I have undertaken the assessment of the above site and determined the Bushfire Attack Level stated above in accordance with the requirements of AS 3959-2018.

Reliance on the assessment and determination of the Bushfire Attack Level contained in this certificate should not extend beyond a period of 12 months from the date of issue of the certificate. If this certificate was issued more than 12 months ago, it is recommended that the validity of the determination be confirmed with Green Start Consulting and where required an updated certificate issued.

AS 3959 BAL Assessment Report

This report has been prepared by a representative from Green Start Consulting using the Simplified Procedure (Method 1) as detailed in Section 2 of AS 3959 – 2018. All enquiries related to the information and conclusions presented in this report must be forwarded to the representative whose details appear below.

Property Details and Description of Works

Address Details	**Unit no** 6/7	**Street no** 1295	**Lot no**	**Street name / Plan Reference** Mandurah Rd		
	Suburb Baldivis				**State** WA	**Postcode** 6171
Local government area	City of Rockingham					
Main BCA class of the building	Class 1b	**Use(s) of the building**	Residential			
Description of the building or works	Proposed Short Accommodation Units					

Report Details

Report / Job Number	Report Version	Assessment Date	Report Date
25767	1	29 May 2026	11 June 2026

Practitioner Details

Name
James Terenciuk

Company Details

Green Start Consulting
admin@greenstartconsulting.com.au
Phone: (08) 6114 9356

Signature:

Date:

17 June 2026

GREEN START CONSULTING
fast building approvals

Reliance on the assessment and determination of the Bushfire Attack Level contained in this report should not extend beyond a period of 12 months from the date of issue of the report. If this report was issued more than 12 months ago, it is recommended that the validity of the determination be confirmed with Green Start Consulting and where required an updated report issued.

Site Assessment & Site Plans

The assessment of this site / development was undertaken on 29 May 2026 for the purpose of determining the Bushfire Attack Level in accordance with AS 3959 - 2018 Simplified Procedure (Method 1).

BAL assessment Map

1295 Mandurah Rd, Baldivis WA 6171

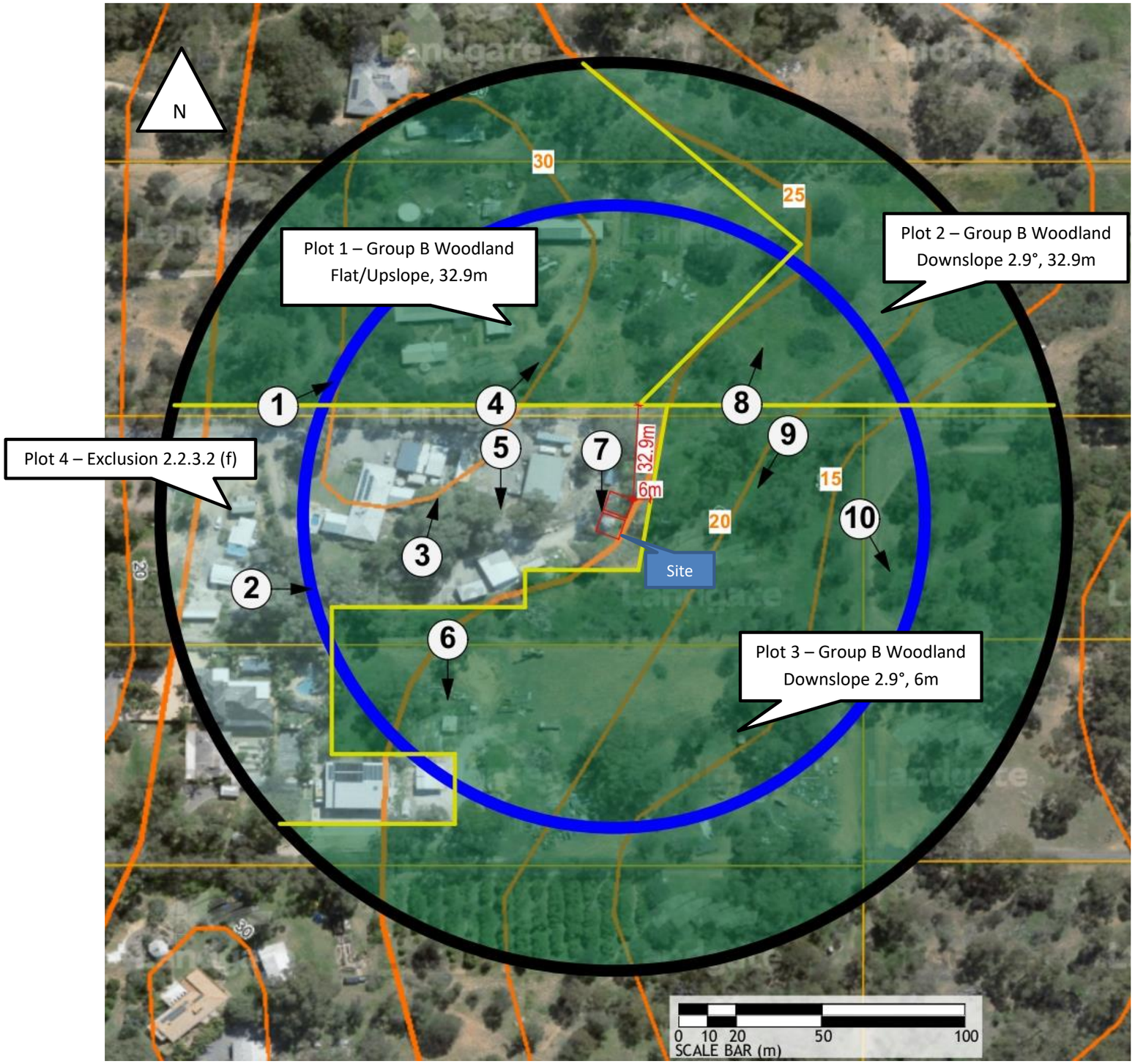
Job No. 25767

LEGEND

- SITE
- CLASSIFIED VEGETATION
- 100m WIDE VEGETATION RADIUS
- 150m WIDE VEGETATION RADIUS
- 3 PHOTO LOCATION

VEGETATION CLASS

- CLASS B WOODLAND
- EXCLUDED AS PER 2.2.3.2 (f)



Vegetation Classification

All vegetation within 150m of the site / proposed development was classified in accordance with Clause 2.2.3 of AS 3959-2018. Each distinguishable vegetation plot with the potential to determine the Bushfire Attack Level is identified below.

Photo ID:	1	**Plot:**	1
Vegetation Classification or Exclusion Clause			
Class B Woodland - Woodland B-05			
Description / Justification for Classification			
•Mixed shrub and grass understorey providing a moderate to high fuel load. •Trees up to 20 m high; scrub up to 6 m. •Moderately spaced trees with a partly open canopy and developed understorey. **Effective slope:** Flat/Upslope **Separation distance:** 32.9m **Photo description:** Woodland trees, moderate spacing, and a mixed understorey of shrubs and grass.			

Photo ID:	2	**Plot:**	4
Vegetation Classification or Exclusion Clause			
Excludable - 2.2.3.2(f) Low Threat Vegetation			
Description / Justification for Classification			
Vegetation regarded as low threat due to factors such as flammability, moisture content or fuel load. This includes grassland managed in a minimal fuel condition, maintained lawns and gardens.			

Photo ID:	3	Plot:	4
Vegetation Classification or Exclusion Clause			
Excludable - 2.2.3.2(f) Low Threat Vegetation			
Description / Justification for Classification			
Vegetation regarded as low threat due to factors such as flammability, moisture content or fuel load. This includes grassland managed in a minimal fuel condition, maintained lawns and gardens.			

Photo ID:	4	Plot:	1
Vegetation Classification or Exclusion Clause			
Class B Woodland - Woodland B-05			
Description / Justification for Classification			
•Mixed shrub and grass understorey providing a moderate to high fuel load. •Trees up to 20 m high; scrub up to 6 m. •Moderately spaced trees with a partly open canopy and developed understorey. **Effective slope:** Flat/Upslope **Separation distance:** 32.9m **Photo description:** Woodland trees, moderate spacing, and a mixed understorey of shrubs and grass.			

Photo ID:	5	Plot:	4
Vegetation Classification or Exclusion Clause			
Excludable - 2.2.3.2(f) Low Threat Vegetation			
Description / Justification for Classification			
Vegetation regarded as low threat due to factors such as flammability, moisture content or fuel load. This includes grassland managed in a minimal fuel condition, maintained lawns and gardens.			

Photo ID:	6	Plot:	3
Vegetation Classification or Exclusion Clause			
Class B Woodland - Woodland B-05			
Description / Justification for Classification			
•Mixed shrub and grass understorey providing a moderate to high fuel load. •Trees up to 20 m high; scrub up to 6 m. •Moderately spaced trees with a partly open canopy and developed understorey. **Effective slope:** Downslope **Separation distance:** 6m **Photo description:** Woodland trees, moderate spacing, and a mixed understorey of shrubs and grass.			

Photo ID:	7	Plot:	4
Vegetation Classification or Exclusion Clause			
Excludable - 2.2.3.2(f) Low Threat Vegetation			
Description / Justification for Classification			
Vegetation regarded as low threat due to factors such as flammability, moisture content or fuel load. This includes grassland managed in a minimal fuel condition, maintained lawns and gardens.			

Photo ID:	8	Plot:	2
Vegetation Classification or Exclusion Clause			
Class B Woodland - Woodland B-05			
Description / Justification for Classification			
•Mixed shrub and grass understorey providing a moderate to high fuel load. •Trees up to 20 m high; scrub up to 6 m. •Moderately spaced trees with a partly open canopy and developed understorey. **Effective slope:** Downslope **Separation distance:** 32.9m **Photo description:** Woodland trees, moderate spacing, and a mixed understorey of shrubs and grass.			

Photo ID:	9	Plot:	3
Vegetation Classification or Exclusion Clause			
Class B Woodland - Woodland B-05			
Description / Justification for Classification			
•Mixed shrub and grass understorey providing a moderate to high fuel load. •Trees up to 20 m high; scrub up to 6 m. •Moderately spaced trees with a partly open canopy and developed understorey. **Effective slope:** Downslope **Separation distance:** 6m **Photo description:** Woodland trees, moderate spacing, and a mixed understorey of shrubs and grass.			

Photo ID:	10	Plot:	3
Vegetation Classification or Exclusion Clause			
Class B Woodland - Woodland B-05			
Description / Justification for Classification			
•Mixed shrub and grass understorey providing a moderate to high fuel load. •Trees up to 20 m high; scrub up to 6 m. •Moderately spaced trees with a partly open canopy and developed understorey. **Effective slope:** Downslope **Separation distance:** 6m **Photo description:** Woodland trees, moderate spacing, and a mixed understorey of shrubs and grass.			

Relevant Fire Danger Index

The fire danger index for this site has been determined in accordance with Table 2.1 or otherwise determined in accordance with a jurisdictional variation applicable to the site.

Fire Danger Index

FDI 40 ☐	FDI 50 ☐	FDI 80 ☒	FDI 100 ☐
Table 2.7	*Table 2.6*	*Table 2.5*	*Table 2.4*

Potential Bushfire Impacts

The potential bushfire impact to the site / proposed development from each of the identified vegetation plots are identified below.

Plot	Vegetation Classification	Effective Slope	Separation (m)	BAL
1	Class B Woodland	Flat/Upslope	32.9m	BAL – 12.5
2	Class B Woodland	Downslope 2.9°	32.9m	BAL – 19
3	Class B Woodland	Downslope 2.9°	6m	BAL – FZ
4	Excludable – Clause 2.2.3.2(f)	-	-	BAL – LOW

Table 1: BAL Analysis

Determined Bushfire Attack Level (BAL)

The Determined Bushfire Attack Level (highest BAL) for the site / proposed development has been determined in accordance with clause 2.2.6 of AS 3959-2018 using the above analysis.

Determined Bushfire Attack Level	**BAL – FZ**

Shielding Assessment

☒ Shielding does not apply to any elevations.

☐ Shielding can be applied to one or more elevations in accordance with AS 3959 Clause 3.5.

Note: Shielding can reduce an elevation to the next lower BAL, however, it cannot reduce below BAL 12.5.

Shielding may only be applied where all straight lines between the elevation and the source of bushfire attack are fully obstructed by another part of the same building, as outlined in AS 3959 Clause 3.5. Shielding applies to all elements of the wall, including openings, but does not apply to subfloors or roofs.

Shielded Elevations

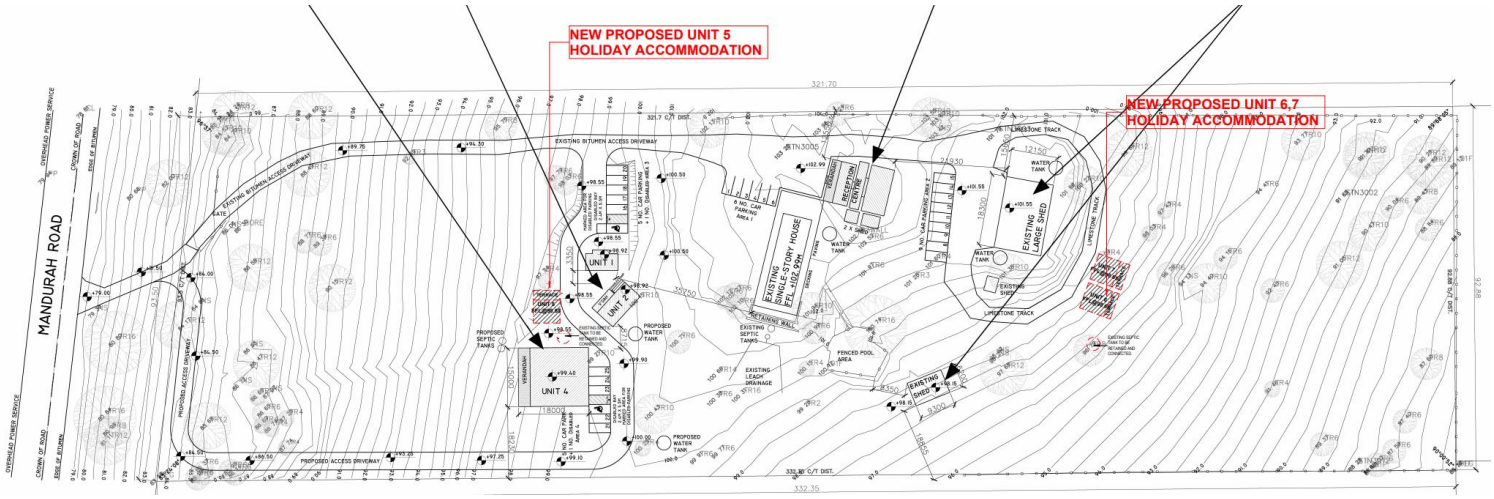
(Specify all shielded elevations below, or ensure they are clearly marked on the building plans)

Appendix 1: Plans and Drawings

Plans and drawings relied on to determine the bushfire attack level		
Drawing / Plan Description Site Plan		
Job Number 2603	**Revision** NA	**Date of Revision** 24/04/26

Where shielding in accordance with Clause 3.5 of AS 3959 is proposed to be used:

- Current detailed site plan showing building's design in relation to bushfire threat must be provided; and
- identify the elevation shielded, if any, for the application of Clause 3.5 of AS 3959.



Appendix 2: Additional Information / Advisory Notes

The BAL Ratings are divided into the following 6 categories:

Bushfire Attack Level (BAL)	**Classified vegetation within 100m of the site and heat flux exposure thresholds**	**Description of predicted bushfire attack and levels of exposure**	**Construction sections (within AS 3959-2018)**
BAL - Low	See clause 2.2.3.2	There is insufficient risk to warrant specific construction requirements	4
BAL - 12.5	$\leq$ 12.5kW/m^2	Ember attack	3 & 5
BAL - 19	$\geq$ 12.5kW/m^2 to $\leq$ 19kW/m^2	Increasing levels of ember attack and burning debris ignited by windborne embers together with increasing heat flux	3 & 6
BAL - 29	$\geq$ 19kW/m^2 to $\leq$ 29kW/m^2	Increasing levels of ember attack and burning debris ignited by windborne embers together with increasing heat flux	3 & 7
BAL - 40	$\geq$ 29kW/m^2 to $\leq$ 40kW/m^2	Increasing levels of ember attack and burning debris ignited by windborne embers together with increasing heat flux with the increased likelihood of exposure to flames	3 & 8
BAL – Flame Zone	> 40kWm^2	Direct exposure to flames from fire front in addition to heat flux and ember attack	3 & 9