



Department of
Planning



Western
Australian
Planning
Commission

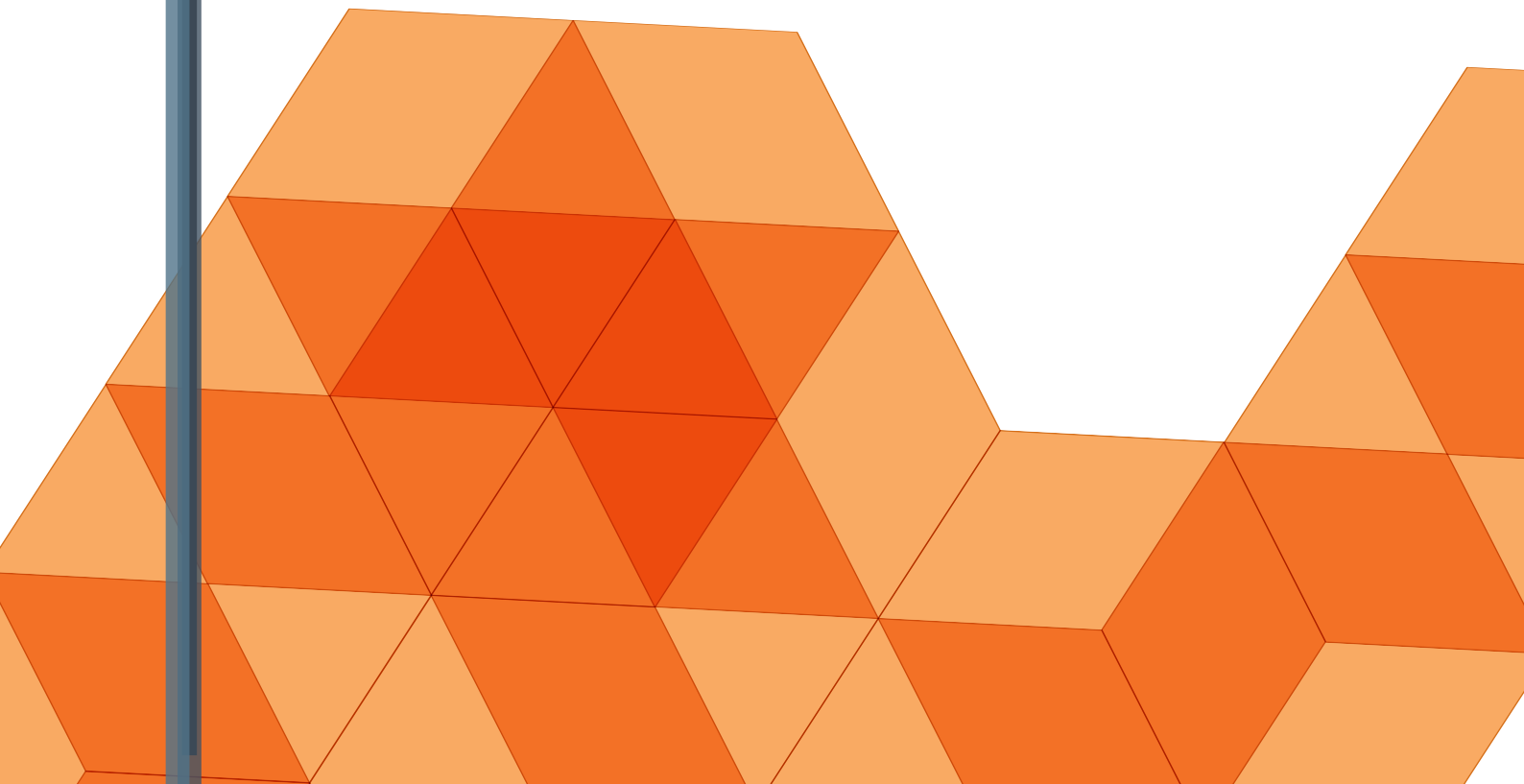
STATE PLANNING POLICY

3.7

Planning in Bushfire Prone Areas

December 2015

*Prepared under Part Three of the
Planning and Development Act 2005 by the
Western Australian Planning Commission*



Disclaimer

This document has been published by the Department of Planning on behalf of the Western Australian Planning Commission. Any representation, statement, opinion or advice expressed or implied in this publication is made in good faith and on the basis that the Government, its employees and agents are not liable for any damage or loss whatsoever which may occur as a result of action taken or not taken, as the case may be, in respect of any representation, statement, opinion or advice referred to herein. Professional advice should be obtained before applying the information contained in this document to particular circumstances.

© Western Australian Planning Commission

Published by the
Western Australian Planning Commission
Gordon Stephenson House
140 William Street
Perth WA 6000

Locked Bag 2506
Perth WA 6001

Published December 2015

website: www.planning.wa.gov.au
email: corporate@planning.wa.gov.au

tel: 08 6551 9000
fax: 08 6551 9001
National Relay Service: 13 36 77
infoline: 1800 626 477

This document is available in alternative formats on application to Communication Services.

CONTENTS

1	CITATION	1
2	POLICY INTENT	1
3	BUSHFIRE IN WESTERN AUSTRALIA	1
4	APPLICATION OF THIS POLICY	1
5	POLICY OBJECTIVES	2
6	POLICY MEASURES	2
6.1	Higher order strategic planning documents in bushfire prone areas	2
6.2	Strategic planning proposals, subdivision and development applications	2
6.3	Information to accompany strategic planning proposals	2
6.4	Information to accompany subdivision applications	3
6.5	Information to accompany development applications	3
6.6	Vulnerable or high-risk land uses	3
6.7	Strategic planning proposals, subdivision or development applications in areas where an extreme BHL and/or BAL-40 or BAL-FZ applies	3
6.8	Advice of State/relevant authority/ies for emergency services to be sought	4
6.9	Advice of State/relevant agencies/authorities for environmental protection to be sought	4
6.10	Bushfire conditions may be imposed	5
6.11	Precautionary principle	5
7	DEFINITIONS	6

1 Citation

This is a State Planning Policy made under Part Three of the *Planning and Development Act 2005*. This policy may be cited as *State Planning Policy No. 3.7: Planning in Bushfire Prone Areas* (SPP 3.7).

2 Policy intent

The intent of this policy is to implement effective, risk-based land use planning and development to preserve life and reduce the impact of bushfire on property and infrastructure.

3 Bushfire in Western Australia

Bushfires are an inherent part of the Australian environment. In many parts of Western Australia, bushfire threat is increasing due to hotter, drier weather conditions associated with long-term climatic changes and development expansion where urban, rural and natural areas interface. The personal and community devastation that can be caused by uncontrolled bushfires requires close attention to the consistent application of policy objectives that prevent or manage such effects.

Under certain weather conditions, bushfire incidents can reach catastrophic magnitudes. Fire conditions may be such that even development consistent with planning policy and building controls may not be enough to ensure the bushfire threat is sufficiently reduced to avoid injury or property damage. Bushfire threat can never be completely eliminated and landowners should recognise the need for management measures when assuming a level of voluntary personal risk through choosing to live in bushfire prone areas.

Reducing vulnerability to bushfire is the collective responsibility of State and local government, landowners, industry and the community. It requires ongoing commitment and diligence to a range of management measures such as the appropriate location and design of development; managing potential fuel loads; implementing bushfire management plans; providing emergency services; increasing awareness of the potential risk through education; and ensuring emergency evacuation plans are in place. Such measures, in conjunction with planning policy and building controls, have the effect of increasing community resilience to bushfire.

4 Application of this policy

This policy provides the foundation for land use planning to address bushfire risk management in Western Australia. It is to be used to inform and guide decision-makers, referral agencies and landowners/proponents to help achieve acceptable bushfire protection outcomes.

It applies to all higher order strategic planning documents, strategic planning proposals, subdivision and development applications located in designated bushfire prone areas. This policy also applies where an area is not yet designated as bushfire prone but is proposed to be developed in a way that introduces a bushfire hazard, as outlined in the *Guidelines for Planning in Bushfire Prone Areas* (WAPC 2015; the Guidelines).

This policy contains objectives and policy measures, as well as reference to the bushfire protection criteria contained in the Guidelines. The objectives outline the general aims on which the policy measures and bushfire protection criteria are based. The objectives apply to all higher order strategic planning documents, strategic planning proposals, subdivision and development applications in designated bushfire prone areas; while the policy measures apply as relevant to the type of proposal and stage of the development process.

The policy is to be read in conjunction with:

- the Deemed Provisions contained in the *Planning and Development (Local Planning Schemes) Amendment Regulations 2015*, which form part of every local planning scheme;
- where relevant, any supplementary provisions of a scheme;
- the supporting Guidelines; and
- *Australian Standard 3959: Construction of buildings in bushfire-prone areas*.

The former *Planning for Bush Fire Protection Guidelines* (WAPC 2010, Ed. 2) are superseded by SPP 3.7 and the revised Guidelines. The former Guidelines are referenced in *State Planning Policy 3.4: Natural Hazards and Disasters* (WAPC 2006, as amended; SPP 3.4). Until such time as SPP 3.4 is reviewed, where there is a conflict between SPP 3.4 and this policy in relation to bushfire matters, this policy prevails to the extent of any inconsistency.

A designated bushfire prone area is an area that has been identified and designated by the Fire and Emergency Services Commissioner under the *Fire and Emergency Services Act 1998* (as amended). Such areas are identified on the *Map of Bush Fire Prone Areas*. Designation of an area as being bushfire prone reflects the potential of bushfire to affect that site. It acts as a mechanism for initiating further assessment in the planning and building processes.

5 Policy objectives

The objectives of this policy are to:

- 5.1 Avoid any increase in the threat of bushfire to people, property and infrastructure. The preservation of life and the management of bushfire impact are paramount.
- 5.2 Reduce vulnerability to bushfire through the identification and consideration of bushfire risks in decision-making at all stages of the planning and development process.
- 5.3 Ensure that higher order strategic planning documents, strategic planning proposals, subdivision and development applications take into account bushfire protection requirements and include specified bushfire protection measures.
- 5.4 Achieve an appropriate balance between bushfire risk management measures and, biodiversity conservation values, environmental protection and biodiversity management and landscape amenity, with consideration of the potential impacts of climate change.

6 Policy measures

6.1 Higher order strategic planning documents in bushfire prone areas

Higher order strategic planning documents such as frameworks, region schemes and sub-regional structure plans should include high level consideration of relevant bushfire hazards when identifying or investigating land for future development.

6.2 Strategic planning proposals, subdivision and development applications

- a) Strategic planning proposals, subdivision and development applications within designated bushfire prone areas relating to land that has or will have a Bushfire Hazard Level (BHL) above low and/or where a Bushfire Attack Level (BAL) rating above BAL-LOW apply, are to comply with these policy measures.
- b) Any strategic planning proposal, subdivision or development application in an area to which policy measure 6.2 a) applies, that has or will, on completion, have a moderate BHL and/or where BAL-12.5 to BAL-29 applies, may be considered for approval where it can be undertaken in accordance with policy measures 6.3, 6.4 or 6.5.
- c) This policy also applies where an area is not yet designated as a bushfire prone area but is proposed to be developed in a way that introduces a bushfire hazard, as outlined in the Guidelines.

6.3 Information to accompany strategic planning proposals

Any strategic planning proposal to which policy measure 6.2 applies is to be accompanied by the following information prepared in accordance with the Guidelines:

- a) (i) the results of a BHL assessment determining the applicable hazard level(s) across the subject land, in accordance with the methodology set out in the Guidelines. BHL assessments should be prepared by an accredited Bushfire Planning Practitioner; or
- (ii) where the lot layout of the proposal is known, a BAL Contour Map to determine the indicative acceptable BAL ratings across the subject site, in accordance with the Guidelines. The BAL Contour Map should be prepared by an accredited Bushfire Planning Practitioner; and
- b) the identification of any bushfire hazard issues arising from the relevant assessment; and
- c) clear demonstration that compliance with the bushfire protection criteria in the Guidelines can be achieved in subsequent planning stages.

This information can be provided in the form of a Bushfire Management Plan or an amended Bushfire Management Plan where one has been previously endorsed.

6.4 Information to accompany subdivision applications

Any subdivision application to which policy measure 6.2 applies is to be accompanied by the following information in accordance with the Guidelines:

- a) a BAL Contour Map to determine the indicative acceptable BAL ratings across the subject site, in accordance with the Guidelines. BAL Contour Maps should be prepared by an accredited Bushfire Planning Practitioner;
- b) the identification of any bushfire hazard issues arising from the BAL Contour Map; and
- c) an assessment against the bushfire protection criteria requirements contained within the Guidelines demonstrating compliance within the boundary of the subdivision site.

This information can be provided in the form of a Bushfire Management Plan or an amended Bushfire Management Plan where one has been previously endorsed.

6.5 Information to accompany development applications

Any development application to which policy measure 6.2 applies is to be accompanied by the following information in accordance with the Guidelines:

- a) (i) a BAL assessment. BAL assessments should be prepared by an accredited Level 1 BAL Assessor or a Bushfire Planning Practitioner unless otherwise exempted in the Guidelines; or
(ii) a BAL Contour Map that has been prepared for an approved subdivision clearly showing the indicative acceptable BAL rating across the subject site, in accordance with the Guidelines. BAL Contour Maps should be prepared by an accredited Bushfire Planning Practitioner
- b) the identification of any bushfire hazard issues arising from the BAL Contour Map or the BAL assessment; and
- c) an assessment against the bushfire protection criteria requirements contained within the Guidelines demonstrating compliance within the boundary of the development site.

This information can be provided in the form of a Bushfire Management Plan or an amended Bushfire Management Plan where one has been previously endorsed.

6.6 Vulnerable or high-risk land uses

6.6.1 In areas where BAL-12.5 to BAL-29 applies

Subdivision and development applications for vulnerable or high-risk land uses in areas between BAL-12.5 to BAL-29 will not be supported unless they are accompanied by a Bushfire Management Plan jointly endorsed by the relevant local government and the State authority for emergency services. Subdivision applications should make provision for emergency evacuation. Development applications should include an emergency evacuation plan for proposed occupants and/or a risk management plan for any flammable on-site hazards.

6.6.2 In areas where BAL-40 or BAL-Flame Zone (FZ) applies

Subdivision and development applications for vulnerable or high-risk land uses in areas of BAL-40 or BAL-Flame Zone (FZ) will not be supported unless they comply with policy measures 6.6.1 and 6.7.2.

6.7 Strategic planning proposals, subdivision or development applications in areas where an extreme BHL and/or BAL-40 or BAL-FZ applies

Strategic planning proposals, subdivision or development applications which will result in the introduction or intensification of development or land use in an area that has or will, on completion, have an extreme BHL and/or BAL-40 or BAL-FZ will not be supported unless:

- a) the proposal is considered to be minor development to which policy measure 6.7.1 applies; or
- b) the proposal is considered to be unavoidable development to which policy measure 6.7.2 applies.

6.7.1 Minor development in areas where BAL-40 or BAL-FZ applies

Minor development in areas where BAL-40 or BAL-FZ applies is to be assessed under the requirements of policy measure 6.5, with the addition of a statement against each of the following in the Bushfire Management Plan:

- a) where full compliance of 6.5(c) cannot be achieved within the boundary of the development site, evidence must be provided demonstrating to the fullest extent possible how the bushfire protection criteria have been addressed and provide justification for those criteria that have not been met;
- b) ensure that the bushfire hazard level is not increased and/or the ability to manage bushfire related hazards on adjoining lands is not otherwise adversely affected;
- c) ensure that the siting of the buildings within the boundary of the development site has been optimised to reduce the bushfire impact;
- d) give holistic consideration to existing emergency services in the area, existing road networks, water provision, existing places that could function as emergency evacuation centres in a bushfire event, the surrounding landscape, issues that may arise in the course of a bushfire both during and post event, and any other contextual issues relevant to the application of bushfire risk management measures.

6.7.2 Unavoidable development in areas with an extreme BHL and/or areas where BAL-40 or BAL-FZ applies

There is a presumption against approving any strategic planning proposal, subdivision or development application that will result in the introduction or intensification of development or land use in an area that has or will, on completion, have an extreme BHL and/or where BAL-40 or BAL-FZ applies unless it meets the definition of unavoidable development.

Such strategic planning proposals, subdivision and development applications will only be supported if:

- a) the landowner/proponent has provided sufficient reason for why the proposal is considered to represent exceptional circumstances which adequately justifies a deviation from the policy measures;

- b) it greatly improves the bushfire management of the site and surrounding area through the provision of a demonstrably significant reduction in the bushfire-related risk level to the community and property;
- c) the benefits of the proposal going ahead in the area outweigh the costs to adjacent landowners, government and the general community; and
- d) it is accompanied by a Bushfire Management Plan, jointly endorsed by the relevant local government and the State authority responsible for emergency services. The Bushfire Management Plan should demonstrate ongoing management measures that will improve the bushfire management of the site and/or surrounding area by minimising the level of bushfire impact.

6.8 Advice of State/relevant authority/s for emergency services to be sought

The advice of the State/relevant authority/s responsible for emergency services is to be sought and considered in the preparation and determination of all strategic planning proposals, subdivision and development applications where:

- a) compliance with these policy measures is unlikely to be achieved; and/or
- b) additional/alternative measures are proposed; and/or
- c) the application contains unavoidable development, or vulnerable or high-risk land uses.

6.9 Advice of State/relevant agencies/authorities for environmental protection to be sought

To ensure landscape amenity, environmental protection and biodiversity conservation values are taken into account; the decision-maker is to seek the advice of the State/relevant agencies/authorities responsible for biodiversity conservation management and environmental protection when making decisions on strategic planning proposals, subdivision and development applications where:

- a) the clearing of vegetation within environmentally sensitive areas protected under State or Federal legislation is proposed; and/or
- b) substantial clearing of locally significant native vegetation is proposed; and/or
- c) development abuts vegetated land managed by that authority.

6.10 Bushfire conditions may be imposed

The decision-maker may impose detailed requirements, including modifications and/or conditions, on strategic planning proposals, subdivision and development applications to which this policy applies to address bushfire risk management implementation measures, as outlined in the Guidelines.

A 'notice on title' advising that the site is located in a bushfire prone area should be required as a condition of any subdivision or development approval. In addition, if a Bushfire Management Plan is required, a notification on title should also be required advising that the site is subject to a Bushfire Management Plan.

6.11 Precautionary principle

Where a landowner/proponent has not satisfactorily demonstrated that the relevant policy measures have been addressed, responsible decision-makers should¹ apply the precautionary principle to all strategic planning proposals, subdivision and development applications in designated bushfire prone areas. For example, if a landowner/proponent cannot satisfy the performance principles of the relevant policy measures through either the application of the acceptable solutions outlined in the Guidelines, or through the alternative solutions endorsed by the WAPC and State authority/relevant authority responsible for emergency services, the application may not be approved.

¹ In this context, "should" is to be read as a strong recommendation. In relation to strategic planning proposals, subdivisions and development applications, this policy also recognises that each site is to be assessed on merit and that the determination of an application may involve the use of discretion in planning decision-making to support innovative bushfire risk management solutions.

7 Definitions

BAL: Bushfire Attack Level (BAL) as set out in the *Australian Standard 3959: Construction of buildings in bushfire-prone areas (AS 3959)*, as referenced in the Building Code of Australia (as amended).

BAL assessment: An assessment prepared in a manner and form set out in AS 3959 to determine a BAL. It is strongly recommended that BAL assessments are prepared by accredited Level 1 BAL Assessor or Bushfire Planning Practitioner, unless otherwise exempted in the Guidelines.

BAL Contour Map: A BAL Contour Map is a scale map of the subject lot/s illustrating the potential radiant heat impacts and associated indicative BAL ratings in reference to any classified vegetation remaining within 100 metres of the assessment area after the development is complete. The intent of the BAL Contour Map is to identify land suitable for development based on the indicative BAL. It is strongly recommended that BAL Contour Maps are prepared by an accredited Bushfire Planning Practitioner.

Bushfire: An unplanned fire burning in vegetation. A generic term which includes grass fires, forest fires and scrub fires both with and without a suppression objective.

Bushfire hazard: The potential or existing flammability of vegetation that, in association with topography and slope, when ignited may cause harm to people and/or damage property and/or infrastructure.

Bushfire Hazard Level (BHL) assessment: A Bushfire Hazard Level (BHL) assessment provides a measure of the likely intensity of a bushfire and the likely level of bushfire attack on a site determined by categorising and mapping land as having a low, moderate or extreme BHL in accordance with the methodology set out in the Guidelines. It is strongly recommended that BHL assessments are prepared by an accredited Bushfire Planning Practitioner.

Bushfire Management Plan: A document that sets out short, medium and long-term risk management strategies for the life of the development. It is strongly recommended that Bushfire Management Plans are prepared by an accredited Bushfire Planning Practitioner in accordance with the requirements set out in the Guidelines on behalf of the landowner/proponent with the assistance of the responsible authority for emergency services where required.

Bushfire Planning Practitioner: A person who holds, Level Two or Level Three accreditation under the Western Australian Bushfire Accreditation Framework.

Bushfire prone area: An area that has been designated by the Fire and Emergency Services Commissioner under s. 18P of the *Fire and Emergency Services Act 1998* (as amended) as an area that is subject, or likely to be subject, to bushfires. Such areas are identified on the *Map of Bush Fire Prone Areas* and can be found on the Department of Fire and Emergency Services [website](#).

Bushfire protection criteria: A performance-based system of assessing bushfire risk management measures contained in the Guidelines and applied to all strategic planning proposals, subdivisions and development applications.

Bushfire risk: The chance of a bushfire igniting, spreading and causing damage to people, property and infrastructure.

Bushfire risk management: Means the application of the bushfire protection criteria contained in the Guidelines.

Decision-maker: Refers to the Minister for Planning, the State Administrative Tribunal, the Western Australian Planning Commission, Development Assessment Panels and any other State decision-making authority and/or relevant local government and their delegates empowered to make decisions regarding the application of this policy.

Development application: An application for approval to carry out development or change a land use under a local planning scheme or region planning scheme, this includes local development plans but excludes applications for single houses and ancillary dwellings on a lot or lots less than 1,100m².

Guidelines: Refers to the *Guidelines for Planning in Bushfire Prone Areas* (WAPC 2015, as amended).

Higher order strategic planning documents: Any higher order strategic planning documents including: frameworks, region schemes, sub-regional strategies and sub-regional structure plans.

High-risk land use: A land use which may lead to the potential ignition, prolonged duration and/or increased intensity of a bushfire. Such uses may also expose the community, fire fighters and the surrounding environment to dangerous, uncontrolled substances during a bushfire event. Examples of what constitutes a high-risk land use are provided in the Guidelines.

Level 1 BAL Assessor: A person who holds Level 1 BAL Assessor accreditation under the Western Australian Bushfire Accreditation Framework.

Minor development: Refers to applications in residential built-out areas at a scale which may not require full compliance with the relevant policy measures. Classes of development considered under this definition, with the exclusion of applications for unavoidable development, are:

- a single house on an existing lot 1,100m² or greater;
- an ancillary dwelling on a lot of 1,100m² or greater; and
- change to a vulnerable land use in an existing residential development.

Precautionary principle: The presumption against approving further strategic planning proposals, subdivision and development applications or intensification of land uses, where there is a lack of certainty that the potential for significant adverse impacts can be adequately reduced or managed in the opinion of the decision-maker.

Strategic planning proposal: Any strategic-level planning proposal including: region scheme amendments; district structure plans; local planning strategies; local planning schemes and amendments; and structure plans and master plans - but does not include subdivision or development applications.

Unavoidable development: Development that, in the opinion of the decision-maker, represents exceptional circumstances where full compliance with this policy would be unreasonable; no alternative location exists; it is not minor development; and is not contrary to the public interest. Examples of what constitutes unavoidable development are provided in the Guidelines.

Vulnerable land use: A land use where persons may be less able to respond in a bushfire emergency. Examples of what constitutes a vulnerable land use are provided in the Guidelines.

WAPC: Western Australian Planning Commission.

