

DRAFT LANGUAGE FOR CONSIDERATION AS IT RELATES TO HARDENING

**CHAPTER 2**  
**DEFINITIONS**

**18-16.202 Definitions.**

*California Building Code, Section 202, General Definitions is amended to amend and add the following:*

~~**MEMBRANE STRUCTURE.** An air-inflated, air-supported, cable or frame-covered structure as defined by the *California Building Code* and not otherwise defined as a tent or umbrella structure (See Chapter 31 of the *California Building Code*).~~

**SUBSTANTIAL ADDITION.** An existing building or structure not classified as Group R-3 occupancy, which undergoes any addition of floor area that is greater than twenty-five percent (25%) of the existing gross floor area.

**SUBSTANTIAL ADDITION, Group R-3.** An existing Group R-3 building or structure, which undergoes any addition of floor area that exceeds fifty percent (50%) of the existing gross floor area.

**SUBSTANTIAL ALTERATION.** An existing building or structure, which undergo any combination of substantial remodel, addition or both that equals fifty percent (50%) of the existing gross floor area.

**SUBSTANTIAL REMODEL.** An existing building or structure, which undergoes any alteration of floor area that is greater than fifty percent (50%) of the existing gross floor area or meets the definition of a substantial improvement as defined by the *California Building Code*.

~~**TENT.** A structure, enclosure, umbrella structure or shelter with or without sidewalls or drops, constructed of fabric or pliable material supported by any manner except by air or the contents that it protects.~~

~~**UMBRELLA STRUCTURE.** A structure, enclosure or shelter with or without sidewalls or drops, constructed of fabric or pliable material supported by a central pole (See “Membrane Structure” and “Tent”).~~

**CHAPTER 7A**  
**MATERIALS AND CONSTRUCTION METHODS**  
**FOR EXTERIOR WILDFIRE EXPOSURE**

**18-16.701A.1 Scope.**

*California Building Code, Section 701A.1 is amended to read as follows:*

**701A.1 Scope.** *This chapter applies to building materials, systems and/or assemblies used in the exterior design and construction of new and existing buildings located within a Wildland-Urban Interface Fire Area as defined in Section 702A.*

**18-16.701A.3 Application.**

*California Building Code, Section 701A.3 is amended to read as follows:*

**701A.3 Application.** *New and existing buildings located in any Fire Severity Zone or any Wildland-Urban Interface Zone designated by the enforcing agency constructed after the application date shall comply with the provisions of this chapter.*

**Exceptions:**

1. *Buildings of an accessory character classified as a Group U occupancy and not exceeding 120 square feet in floor area, when located at least 30 feet from an applicable building.*
2. *Buildings of an accessory character classified as Group U occupancy not exceeding 1,000 square feet located at least 50 feet from applicable buildings.*
3. *Buildings classified as a Group U Agricultural Building, as defined in Section 202 of this code (see also Appendix C – Group U Agricultural Buildings), when located at least 50 feet from applicable buildings.*
4. *Additions to and remodels of buildings originally constructed prior to the applicable application date, not classified as a Substantial Addition, Substantial Alteration, Substantial Remodel, or Substantial Improvement.*
5. *Group C, special buildings conforming to the limitations specified in Section 450.4.1.*

*For the purposes of this section and Section 710A, applicable buildings includes all buildings that have residential, commercial, educational, institutional, or similar occupancy type use.*

**18-16.701A.3.1 Application date and where required.**

*California Building Code, Section 701A.3.1 is amended to read as follows:*

**701A.3.1 Application date and where required.** *New and existing buildings for which an application for a building permit is submitted on or after July 1, 2008 located in any Fire Severity Zone or Wildland-Urban Interface Fire Area shall comply with all sections of this chapter, including all of the following:*

1. *All unincorporated lands designated by the State Board of Forestry and Fire Protection as State Responsibility Area (SRA) including:
 
  - 1.1. *Moderate Fire Hazard Severity Zones.*
  - 1.2. *High Fire Severity Zones.*
  - 1.3. *Very-high Fire Severity Zones.**
2. *Land designated as Very-high Fire Hazard Severity Zone by cities and other local agencies.*

3. Land designated as Wildland-**Urban** Interface Fire Areas by cities and other local agencies.

**Exceptions:**

1. New buildings located in any Fire Hazard severity Zone within State Responsibility Areas, for which an application for a building permit is submitted on or after January 1, 2008, shall comply with all sections of this chapter.
2. New buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland-**Urban** Interface Area designated by cities and other local agencies for which an application for a building permit is submitted on or after December 1, 2005 but prior to July 1, 2008, shall comply with the following sections of this chapter:
  - 2.1. Section 705A – Roofing.
  - 2.2. Section 706A – Attic Ventilation.

**18-16.701A.3.2 Application date and where required.**

California Building Code, Section 701A.3.2 is amended to read as follows:

**701A.3.2 Application to accessory buildings and miscellaneous structures.** New **and existing** accessory buildings and miscellaneous structures specified in Section 710A shall comply only with the requirements of that section.

**18-16.701A.3.3 Existing structures.**

California Building Code, Section 701A.3.3 is amended to read as follows:

**701A.3.3 Existing structures.** Existing buildings within Wildland-**Urban** Interface Areas that propose alterations shall be required to make all alterations consistent with Chapter **7A**

**18-16.701A.5 Vegetation management compliance.**

California Building Code, Section 701A.5 is amended to read as follows:

**701A.5 Vegetation management compliance.** Prior to building permit final approval, the property shall be in compliance with vegetation management requirements prescribed in California Fire Code Section 4906, including California Resource Public Resources Code 4291 ~~or~~ California Government Code Section 51182 **or City of Santa Rosa Hazardous Vegetation and fuels management Ordinance.** Acceptable methods of compliance inspection and documentation shall be determined by the enforcing agency and shall be permitted to include any of the following:

1. Local, state or federal fire authority or designee authorized to enforce vegetation management requirements.
2. Enforcing agency.
3. Third party inspection and certification authorized to enforce vegetation management requirements.
4. Property owner certification authorized by the enforcing agency.

**18-16.702A Definitions.**

*California Building Code, Section 702A is amended the following definition:*

**WILDLAND-URBAN INTERFACE FIRE AREA.** *A geographical area identified by the City of Santa Rosa as a “Fire Hazard Severity Zone” in accordance with the Public Resources Code, Sections 4201 through 4204, and Government Code, Sections 51175 through 51189, or other areas designated by the enforcing agency to be at a significant risk from wildfires, as designated on the map titled Wildland-Urban Interface Fire Area, dated January 28, 2009.*

**18-16.707A.3.3 Fire-retardant-treated wood shingles and shakes.**

*California Building Code, Section 707A.3.3 is added to read as follows:*

**707A.3.3 Fire-retardant-treated wood shingles and shakes.** *Fire-retardant-treated wood shingles and shakes are prohibited in Wildland-Urban Interface Areas.*

## **CHAPTER 15** **ROOF ASSEMBLIES AND ROOFTOP STRUCTURES**

**18-44.1505.1 General.**

*California Building Code, Section 1505.1 is amended to read as follows:*

**1505.1 General.** Roof assemblies shall be ~~divided into the classes defined in this section~~ **minimum Class A roof assemblies.** Class A, ~~B and C~~ roof assemblies and roof coverings required to be listed by this section shall be tested in accordance with ASTM E108 or UL 790. In addition, fire-retardant-treated wood roof coverings shall be tested in accordance with in accordance with ASTM D2898. ~~The minimum roof coverings installed on buildings shall comply with Table 1505.1 based on the type of construction of the building.~~

**Exception:** Skylights and sloped glazing that comply with Chapter 24 or Section 2610.

**18-16.TABLE 1505.1 MINIMUM ROOF COVERING CLASSIFICATION FOR TYPES OF CONSTRUCTION**

*California Building Code Table 1505.1 is deleted.*

**18-16.1505.1.1 Roof coverings within Very High Fire Hazard Severity Zones, State Responsibility Areas and all other areas.**

*California Building Code, Section 1505.1.1 is amended to read as follows:*

**1505.1.1 Roof coverings within Very High Fire Hazard Severity Zones, State Responsibility Areas and all other areas.** The entire roof covering of every existing structure where more than 50 percent of the total roof area is replaced within any one-year period, the entire roof covering of every new structure and any roof covering applied in the alteration, repair or replacement of the roof of every existing structure, shall be fire-retardant covering that is at least Class A.

**Exception:** The requirements shall not apply in any jurisdiction that adopts the model ordinance approved by the State Fire Marshal pursuant to Section 51189 of the Government Code or an ordinance that substantially conforms to the model ordinance and transmits a copy to the State Fire Marshal.

**18-16.1505.1.2 and 1505.1.3**

*California Building Code Table 1505.1.2 and 1505.1.3 are deleted.*

**18-16.1505.3 and 1505.4 (consider through 1505.5)**

*California Building Code Table 1505.3 and 1505.4 are deleted.*

**18-16.1505.6**

*California Building Code Table 1505.6 is amended to add the following exception:*

**Exception:** *Fire-retardant-treated wood shingles and shakes are prohibited in Wildland-Urban Interface Areas.*

**18-16.1505.7**

*California Building Code Table 1505.7 is amended to add the following exception:*

**Exception:** *Fire-retardant-treated wood shingles and shakes are prohibited in Wildland-Urban Interface Areas.*