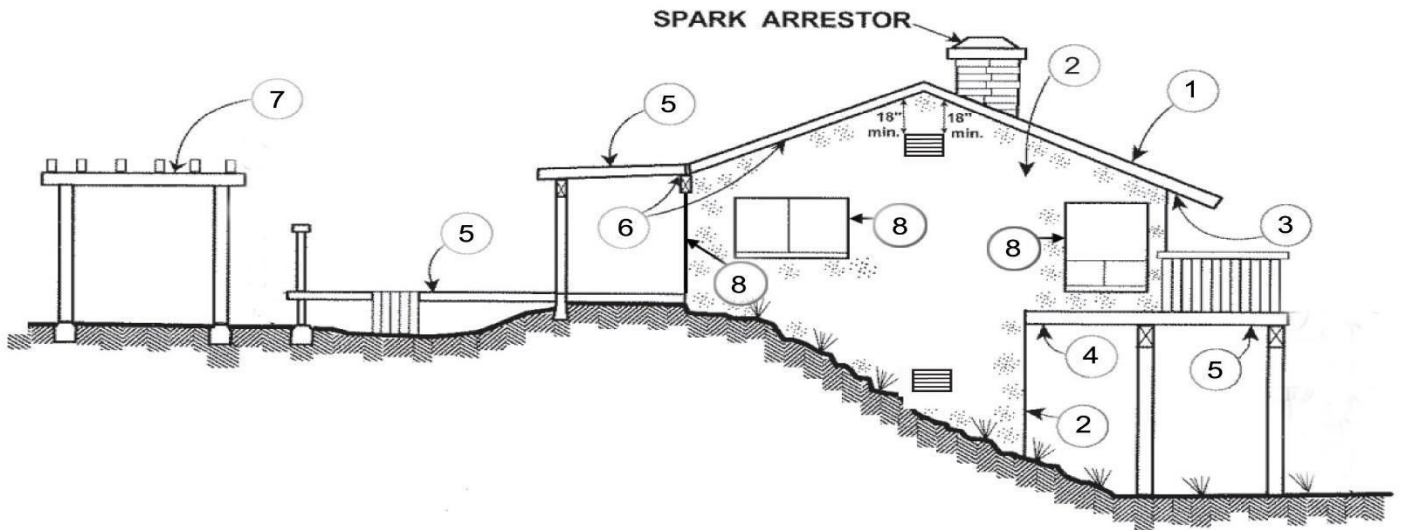


MATERIALS AND CONSTRUCTION METHODS FOR EXTERIOR WILDFIRE EXPOSURE REQUIREMENTS

CBC Chapter 7A -CRC Section R327



701A.1/R327.1 Scope. (amended) This chapter applies to building materials, systems and/or assemblies used in the exterior design and construction of new buildings, and remodels or additions to existing buildings located within a Very High Fire Hazard Area as defined by the Town of Paradise Municipal Code

1. **Roofing. 705A/R327.5** - Roof coverings on new buildings shall be class A noncombustible in accordance with adopted CBC Standards or otherwise as may be approved by the Chief Building Official.

2. **Exterior Covering. 707A/R327.7** – Exterior wall coverings shall be non-combustible or ignition-resistant material and shall extend from the foundation to the roof. 2” x’s are allowed for rafter blocking.

a. Wood siding with gypboard or other material underneath is NOT allowed.

3. **Open Roof Eaves 707A.4/R327.7.4** – Eaves and soffits shall be non-combustible or ignition-resistant.

a. ALTERNATE - Exposed 4”x6” rafter tails supporting 2” (nominal) T&G roof decking.

b. Wood siding with gypboard or other material underneath is NOT allowed.

4. **Decking 709A/R327.9** - When within 10 feet of the primary structure, the construction of decking surfaces, stair treads and risers and landings of decks, porches and balconies shall comply with one of the following;

- ignition resistant,
- heavy timber,
- fire retardant treated wood,
- non-combustible

5. **Underfloor protection**

707A.7/R327.7.8/R327.7.9– The underside of cantilevered and overhanging appendages and floor projections shall maintain the ignition-resistant integrity of exterior walls or shall be enclosed to grade.

707A.8 – Buildings shall have all underfloor areas enclosed to grade in accordance with 704A.3, except, where the underside of all exposed floors, exposed structural columns, beams and supporting walls are protected as required with ignition-resistant material construction or be heavy timber.

6. **Vents – 706A/R327.6.** - When required by Chapter 15, roof and attic vents shall resist the intrusion of flame and embers into the attic area of the structure, or shall be protected by 1/8” wire mesh.

Eave Vents – 706A.3/R327.6.3 Eave and cornice vents shall not be used unless they resist the intrusion of flame and embers into the attic area being vented.

7. **Accessory Structures - 710A/R327.10** When detached from the primary structure, may be constructed of any material allowed by the code.

8. **Exterior Windows & Doors 708A/R327.8**–

a) Doors shall be of approved non-combustible construction, 20 minute rated, or 1 3/8” solid core rails/stiles.

b) Exterior windows, window walls, glazed doors and glazed openings within doors shall be dual glazed with a minimum of one tempered pane, or be glass block units, or be 20-minute fire-rated.

NOTE: the use of paints, coatings, stains, or other surface treatments are not allowed to be used to satisfy these requirements.