FIRE HAZARD ZONE
CONSTRUCTION REQUIREMENTS (CBC Ch. 7A / CRC sec. 337)

Effective January 1, 2017

This sheet summarizes the construction requirements for structures located in fire hazard zones. To determine if your project is located in a fire hazard zone, visit www.santa-clarita.com and access the GIS mapping system.

To determine if these requirements apply to your project, see the document “Applicability of Fire Hazard Zone Requirements in New Construction.” For re-roofs, exterior windows/doors, and/or exterior wall coverings, when more than 50% of the total is being replaced within any one-year period, the remaining portion shall be upgraded to comply with fire hazard zone construction requirements.

Paints, coatings, stains or other surface treatments are not an approved method of fire protection. Fasteners in fire-retardant-treated wood shall be hot-dipped galvanized or stainless steel. More information regarding fire hazard zone construction is available at: http://osfm.fire.ca.gov.

*IGNITION RESISTANT CONSTRUCTION

Where ignition resistant construction is required, the exterior covering materials or assemblies shall be protected by any one of the following:

- Noncombustible material (stucco, metal).
- Ignition resistant material complying with SFM Standard 12-7A-5.
- Fire-retardant-treated wood identified for exterior use that complies with the requirements of CBC sec. 2303.2.
- One layer of 5/8” Type X exterior gypsum sheathing applied behind the covering on the exterior side of the framing.
- The exterior portion of a 1-hour fire rated wall assembly designed for exterior fire exposure, including assemblies using the gypsum panel and sheathing products listed in the Gypsum Association Fire Resistance Design Manual.
- Other materials and assemblies complying with the applicable State Fire Marshal standards (SFM Standards 12-7A-1 through 12-7A-4 including 12-7A-4A) or ASTM E2957.

Attic vents shall be ASTM E2886 listed, or protected with a corrosion-resistant and non-combustible material having 1/16” - 1/8” openings.

All new roofing shall be at least Class A. Wood shakes and shingles are not permitted. See page 2 for roof valleys.

The property shall be in compliance with vegetation management requirements prior to final approval.

Guardsails shall be ignition resistant construction or minimum 2x nominal framing.

Guard rails shall be ignition resistant construction or minimum 2x nominal framing.

Heavy timber does not require protection.

<table>
<thead>
<tr>
<th>Columns:</th>
<th>Roof</th>
<th>Patio</th>
<th>Shade bar</th>
<th>Cover</th>
<th>Deck</th>
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</thead>
<tbody>
<tr>
<td>Beams:</td>
<td>6x8</td>
<td>6x6</td>
<td>6x8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joists:</td>
<td>4x6</td>
<td>4x6</td>
<td>6x10</td>
<td></td>
<td></td>
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<tr>
<td>Ledger:</td>
<td>3x</td>
<td>3x</td>
<td>3x</td>
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</tbody>
</table>

The underside of floor projections shall be ignition resistant construction.

Exterior walls shall be ignition resistant construction or heavy timber exterior wall assembly.

Exterior porch ceilings shall be ignition resistant construction.

Wall architectural trim, embellishments, fascias, and gutters do not require protection.

Exterior doors shall comply with one of the following:

- Exterior cladding shall be a noncombustible or ignition resistant material.
- Constructed of solid core wood (1-3/8” thick with 1-1/4” min. panels).
- Have a fire-resistance rating of not less than 20 min. when tested according to NFPA 252.
- Approved per SFM Standard 12-7A-1.

Exterior windows, glazed doors, glazed openings within exterior doors (including garage doors), and structural glass veneer shall comply with one of the following:

- Multiple pane with a minimum of one tempered pane.
- Glass block units.
- Have a fire-resistance rating of not less than 20 min. when tested according to NFPA 257.
- Approved per SFM Standard 12-7A-2.

For protection at eaves, see page 2.
OPEN EAVE

- Vent openings through blocking are not permitted.
- Barrel tiles shall be fire stopped.
- Gutters shall prevent the accumulation of leaves and debris.
- Starter boards shall be ignition resistant construction*.
- 2x rafter tails, blocking, and fascia boards need not be protected.
- 2x lumber does not require protection.
- Ignition resistant construction*
- Architectural trim does not require protection.
- 3x minimum shade bars, or ignition-resistant*
- Shade bar cover. See page 1 for framing.
- 3x minimum ledger

ENCLOSED EAVE

- Vent openings through blocking are permitted.
- Vent opening
- Ignition resistant construction*

- Vent openings shall be ASTM E2886 listed, or covered with a non-combustible, corrosion resistant material having 1/8" - 1/16" openings. The attic space shall be sprinklered, or the vent shall be located more than 12' above the ground or walking surface.

GABLE END PROJECTION

- Roof assembly projections over gable end walls do not require protection.

ROOF VALLEY

- Valley flashing shall be 26 ga. minimum corrosion-resistant metal over not less than one layer of minimum 72 lb mineral-surfaced nonperforated cap sheet (ASTM D3909)

* Refer to page 1 for ignition resistant construction requirements.

This sheet is for reference only and is not a substitute for accurate drawings prepared for each proposed construction project.