

**BUILDING REQUIREMENTS IN THE VERY HIGH
FIRE HAZARD SEVERITY ZONE**

- FEP405EFPC All roof coverings shall be Class “A” as specified in Building Code 1505.2. Wood-shingle and wood-shake roofs are **PROHIBITED** in Very High Fire Hazard Severity Zones, regardless of classification. (Fire Code 4710.1.2)
- ACTION REQUIRED:** Provide note on site plan and indicate the roof covering on roof plan/elevation views.
- FEP408EFPC Roof valley flashings shall be not less than 0.019-inch (No. 26 galvanized sheet gage) corrosion-resistant metal installed over a minimum 36-inch wide underlayment consisting of one layer of No. 72 ASTM cap sheet meeting running the full length of the valley. (Fire Code 4710.1.3)
- ACTION REQUIRED:** Provide note on site plan/roof plan
- FEP411EFPC Roof gutters shall be provided with a means to prevent the accumulation of leaves and debris in the gutter. (Fire Code 4710.1.4)
- ACTION REQUIRED:** Provide note on site plan/roof plan
- FEP414EFPC Roof and attic vents shall resist the intrusion of flame and embers into the attic area of the structure. Vent openings shall be protected by corrosion-resistant, noncombustible wire mesh with 1/4-inch openings. Vents shall **NOT** be installed in eaves or cornices. (Fire Code 4710.2.1 & 4710.2.2)
- ACTION REQUIRED:** Provide note on roof plan and show vent locations on roof plan/exterior elevations.
- FEP417EFPC Eaves and soffits shall meet one of the following:
- a. Noncombustible construction on the exposed underside OR
 - b. Protected by ignition-resistant materials OR
 - c. Meet the requirements of SFM 12-7A-3
- (Fire Code 4710.2.3)
- ACTION REQUIRED:** Provide construction detail.

FEP420EFPC

Exterior walls shall meet one of the following:

- a. Approved noncombustible construction OR
- b. Ignition resistant material OR
- c. Heavy Timber construction OR
- d. Log wall construction OR
- e. Provide protection from the intrusion of flames and embers in accordance with standard SFM 12-7A-1.

(Fire Code 4715.1)

ACTION REQUIRED: Indicate wall covering on exterior elevations and provide an exterior wall construction detail.

FEP423EFPC

Exterior wall vents shall resist the intrusion of flame and embers into the structure or vent openings shall be protected by corrosion resistant, noncombustible wire mesh with 1/4 inch openings.

(Fire Code 4715.2.1)

ACTION REQUIRED: Provide note on site plan and show vent locations on exterior elevations.

FEP426EFPC

Exterior windows, window walls, glazed doors, and glazed openings within exterior doors shall meet one of the following:

- a. Multi-pane glazing units with a minimum of one tempered pane OR
- b. Glass block units OR
- c. Have a fire-resistance rating of not less than 20 minutes, when tested according to ASTM E 2010 OR
- d. Meet the performance standards of SFM 12-7A-2

(Fire Code 4715.2.2)

ACTION REQUIRED: Indicate one of the above methods in the window/door schedule or on the floor plan.

FEP429EFPC

Exterior door assemblies shall meet one of the following:

- a. Approved noncombustible construction OR
- b. Solid core wood having stiles and rails not less than 1-3/8-inch thick with interior panel thickness not less than 1-1/4- inch thick OR
- c. Minimum 20 minute fire resistance rating when tested according to ASTM E 2074 OR
- d. Conform to performance standard SFM 12-7A-1

(Fire Code 4715.2.3)

ACTION REQUIRED: Indicate one of the above methods in the window/door schedule or on the floor plan.

FEP432EFPC

Vehicle access doors shall be noncombustible or exterior fire retardant treated wood. (Fire Code 4715.2.3)

ACTION REQUIRED: Indicate one of the above methods in the door schedule or on the floor plan.

FEP435EFPC

Decking, surfaces, stair treads, risers, and landings of decks, porches, and balconies where any portion of such surface is within 10 feet of the primary structure shall comply with one of the following:

- a. Ignition resistant material AND meet SFM 12-7A-4 parts A and B OR
- b. Approved noncombustible construction OR
- c. Heavy timber construction OR
- d. Exterior fire retardant treated wood construction (Fire Code 4716.1.1)

ACTION REQUIRED: Indicate one of the above methods and provide construction details.

FEP438EFPC

Cantilever and overhanging appendages and floor projections shall maintain the ignition-resistant integrity of the exterior walls or the projection shall be enclosed to grade. (Fire Code 4716.2.1)

ACTION REQUIRED: Indicate on plan or provide construction details.

FEP441EFPC

Underfloor areas shall be enclosed to the grade with exterior walls, except as follows:

- a. Ignition-resistant material construction OR
- b. Heavy timber construction (Fire Code 4716.2.2)

ACTION REQUIRED: Indicate on plan or provide construction details.

FEP444EFPC

Ancillary buildings and structures and detached accessory structures shall comply with the provisions of Chapter 47. (Fire Code 4717)

ACTION REQUIRED: Provide note and construction details.

FEP447EFPC

All chimneys or fireplaces that burn solid fuel shall be equipped with an approved spark arrester. Building Code 2802.1

ACTION REQUIRED: Provide note and indicate on exterior elevations.

FEP450EFPC

Prior to building permit final approval, the property shall be in compliance with the vegetation clearance requirements prescribed in California Public Resources Code Section 4291, California Government Code Section 51182 and this code.(Fire Code 4708.3)

ACTION REQUIRED: Provide note on site plan and a copy of approval to field inspector prior to occupancy.

FEP453EFPC

Clearance of brush and vegetative growth shall be maintained per Fire Code 317.2.2

ACTION REQUIRED: Provide note on site plan.

FEP456EFPC

A final fuel modification plan shall be submitted and approved by the Forestry Division prior to building plan approval. Implementation of the approved Final Fuel Modification Plan and final inspection will be required prior to approval of final occupancy. Submit 3 copies of a completed fuel modification plan to the Fuel Modification Unit: Fire Station 32, 605 N. Angeleno Avenue, Azusa 91702-2904. Phone (626) 969-5205, fax (626) 969-4848 (Fire Code 317.2.1)

ACTION REQUIRED: Provide a copy of the final approval plans from the Forestry Division.