



2025 California Wildland-Urban Interface Code Title 24 Part 7 (CWUIC) Fire Conformance Checklist

(The use of paints, coatings, stains, or other surface treatments are not an approved method of protection as required in this chapter.)

Truckee Fire District Ordinance 1-96 designates all areas within the Town of Truckee a Very High Fire Severity Zone.

APPLICABILITY:

- New residential building
- New commercial building

Exceptions:

1. New accessory buildings and miscellaneous structures complying with Section 504.11.
2. Group U accessory buildings of any size located at least 50' from an applicable building.
3. Group C occupancy special buildings conforming to the limitations specified in Section 450.4.1 of the California Building Code.
4. Additions and remodels to buildings permitted before July 1, 2008.

(Applicable building includes all buildings that have residential, commercial, educational, institutional or similar use.)

PROJECT ADDRESS: _____	APN: _____
APPLICANT'S NAME: _____	APPLICANT'S SIGNATURE: _____

PLEASE COMPLETE AND INCORPORATE THE FOLLOWING CHECKLIST INTO CONSTRUCTION DOCUMENTS TO DEMONSTRATE PROPOSED MATERIALS COMPLY WITH THESE REQUIREMENTS.

(All materials shall bear identification showing the fire performance rating thereof. That identification shall be issued by ICC-ES or a testing facility recognized by the State Fire Marshall having a service for inspection of materials at the factory. **Field inspector to verify identification prior to it being covered and/or concealed**)

VEGETATION MANAGEMENT COMPLIANCE – CWUIC Section 603

Provide documentation (on plot plan or landscape plan) of compliance with PRC 4291. *(Suggest scheduling design/pre-construction meeting with the Fire Marshall to review/clarify what their requirements will be for your particular parcel/project.)*

- Plans shall specify and demonstrate requirement to maintain fire break:
 - Remove and clear away all flammable vegetation or combustible growth for 30 feet from each side of building
 - Remove any tree limbs within 10 feet of chimney outlet
 - Eliminate any dead wood from trees overhanging building. Maintain the roof to be free of leaves, needles or dead vegetation
- Inspection and written approval by the Fire Marshall shall be obtained prior to final of the building permit (Fire Marshall to sign inspection card)

ROOFING

Roof Coverings: CWUIC 504.2.1

Is space proposed between the roof covering and roof decking? Yes No

If yes, the spaces shall be constructed to prevent the intrusion of flames and embers, be firestopped with approved materials or have one layer of 72lb cap sheet complying with ASTM D3909 installed over the combustible decking. Provide detail for method of compliance; incorporate into plans and provide reference to detail location: _____.

Roof Valleys: CWUIC 504.2.2

- If metal flashing will be incorporated in valleys, it shall be not less than 0.019-inch (0.48 mm)(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 running the full length of the valley. Provide detail and/or notation on section drawing(s) of plans and provide reference to detail/specification location: _____.

Roof Gutters: CWUIC 504.4

- Roof gutters shall be provided with the means to prevent the accumulation of leaves and debris in the gutter. Indicate where specification has been incorporated into drawings: _____.

VENTS: CWUIC 504.10

Eave vents shall not be installed on the underside of eaves unless they resist the intrusion of flame and burning embers into the attic/rafter bay area of the structure.

If vented roof system is proposed:

- Plans shall define and detail how attic and/or rafter bays will be vented, i.e. gable end vents, eave vents, ridge vent(s)
 - Detail/indicate how proposed eave vents will resist the intrusion of flame and embers into attic/rafter bay area of the structure. (Specify product Company Name/ Description _____).
 - Listed by SFM Approved by Building Official, OR
 - The vents are located more than 12 feet from the ground or walking surface of a deck, porch, patio or similar surface; the vent materials are noncombustible, corrosion resistant and the dimensions of the openings are min. 1/16-inch and do not exceed 1/8-inch. The exterior wall covering and exposed underside of the eave are of noncombustible material, or ignition-resistant material (per SFM Standard 12-7A-5 Ignition Resistant material), OR
 - The attic space being ventilated is fully protected by an automatic sprinkler system installed in accordance with Section 903.3.1.1. (Document on plans and provide notation to sprinkler designer of requirement).

If a non-vented roof system is proposed:

- Provide manufacturer's specifications and detailing for non-vented system, including air and water permeability testing data.

EXTERIOR

Exterior walls: CWUIC 504.5

Exterior wall coverings or wall assemblies shall comply with one of the following -

Check all that apply:

- 1-hour fire-resistance-rated construction on the exterior side.
- Noncombustible materials.
- Heavy timber. Assembly of sawn lumber or glue-laminated wood with the smallest minimum nominal dimension of 4 inches {102 mm}. Sawn or glue-laminated planks splined, tongue-and-groove or set close together and well spiked.
- Log Wall construction assembly.
- Wall assemblies that have been tested in accordance with the test procedures for a 10-minute direct flame contact exposure test set forth in ASTM E2707 with the conditions of acceptance shown in Section 504.9.3.
- Wall assemblies that meet the performance criteria in accordance with the test procedures for a 10-minute direct flame contact exposure test set forth in SFM Standard 12-7A-1.
- Wall assemblies suitable for exterior fire exposure containing one layer of 5/8-inch (15.9 mm) Type X gypsum sheathing applied behind the exterior wall covering or cladding on the exterior side of the framing.
- Wall assemblies suitable for exterior fire exposure with a 1-hour fire-resistance rating, rated from the exterior side, as tested in accordance with ASTM E119 or UL 263.
- Fire-retardant-treated wood labeled for exterior use and complying with Section 2303.2 of the California Building Code.
- Such material shall extend from the top of the foundation to the underside of the roof sheathing.

Exterior wall coverings: CWUIC 504.5.2

Exterior wall coverings shall extend from the top of the foundation to the roof, and terminate at 2-inch nominal solid wood blocking between rafters at all roof overhangs, or in the case of enclosed eaves, terminate at the enclosure.

- Specify where notation has been detailed/noted on plans: _____.

Open roof eaves: CWUIC 504.3.1

(Solid wood rafter tails on the exposed underside of open roof eaves having a min. nominal dimension of 2", solid wood blocking installed between rafter tails on the exposed underside of open roof eaves having a minimum nominal dimension of 2", fascia and other architectural trim boards are exempt from requirements).

Proposing open roof eaves? Yes No

If yes, identify roof eave compliance method. The exposed roof deck on the underside of unenclosed roof eaves shall consist of the following - **Check all that apply:**

- Noncombustible material
- Ignition-resistant material
- Fire-retardant-treated wood labeled for exterior use and complying with Section 2303.2 of the California Building Code.
- Materials approved for not less than 1-hour fire-resistance-rated construction on the exterior side, as tested in accordance with ASTM E119 or UL 263.
- 2-inch (51 mm) nominal dimension lumber.

- One layer of 5/8" Type X gypsum sheathing applied behind an exterior covering on the underside exterior of the roof deck
- The exterior portion of a 1-hour fire resistive exterior wall assembly applied to the underside of the roof deck designed for exterior fire exposure including assemblies using the gypsum panel and sheathing products listed in the Gypsum Association Fire Resistance Design manual.

Enclosed roof eaves and roof eave soffits: CWUIC 504.3

Proposing enclosed eaves? Yes No

If yes, the exposed underside of enclosed roof eaves having either a boxed-in roof eave soffit with a horizontal underside, or sloping rafter tails with an exterior covering applied to the underside of the rafter tails, shall be protected by one of the following:

- Noncombustible material
- Ignition-resistant building materials
- Materials approved for not less than 1-hour fire-resistance-rated construction on the exterior side, as tested in accordance with ASTM E119 or UL 263.
- 2-inch (51 mm) nominal dimension lumber.
- 1-inch (25 mm) nominal fire-retardant-treated lumber or ¼-inch (19.1 mm) nominal fire-retardant-treated plywood, identified for exterior use and complying with Section 2303.2 of the California Building Code.
- Boxed-in roof eave soffit assemblies with an underside that meets the performance criteria in Section 504. 7.2 when tested in accordance with the test procedures set forth in ASTM E2957.
- Boxed-in roof eave soffit assemblies with a horizontal underside that meet the performance criteria in accordance with the test procedures set forth in SFM Standard 12-7A-3.

Projections: CWUIC 504.7

Unenclosed accessory structures attached to buildings with habitable spaces and projections, other than decks, shall be heavy timber construction or constructed of one of the following:

- Noncombustible material
- Fire-retardant-treated wood identified for exterior use and meeting the requirements of Section 2303.2 of the California Building Code.
- Ignition-resistant building materials in accordance with Section 503.2.
- Materials approved for not less than 1-hour fire-resistance-rated construction on the exterior side, as tested in accordance with ASTM E119 or UL 263.
- One layer of 5/8-inch (15.9 mm) Type X gypsum sheathing applied behind the exterior covering on the underside of the ceiling.
- The exterior portion of a 1-hour fire-resistance-rated exterior assembly, as tested in accordance with ASTM E119 or UL 263, applied to the underside of the ceiling assembly, including assemblies using the gypsum panel and sheathing products listed in the Gypsum Association Fire Resistance Design Manual.
- The underside of a floor projection assembly that meets the performance criteria in Section 504. 7.2 when tested in accordance with the test procedures set forth in ASTM E2957.
- The underside of a floor projection assembly that meets the performance criteria in accordance with the test procedures set forth in SFM Standard 12-7A-3.

Underside of projections: CWUIC 504.7.1

The underside of projections shall be enclosed to grade in accordance with the requirements of this chapter or the underside of the exposed underfloor shall be protected by one or more of the following:

- Noncombustible material
- Ignition-resistant building material shall be labeled for exterior use and shall meet the requirements of Section 503.2.
- Fire-retardant treated wood shall be labeled for exterior use and shall meet the requirements of Section 2303.2.
- Materials approved for not less than 1-hour fire-resistance-rated construction on the exterior side, as tested in accordance with ASTM E119 or UL 263.
- One layer of 5/8" Type X gypsum sheathing applied behind an exterior covering on the underside of the floor projection.
- The exterior portion of a 1-hour fire-resistance-rated exterior assembly, as tested in accordance with ASTM E119 or UL 263, applied to the underside of the floor, including assemblies using the gypsum panel and sheathing products listed in the Gypsum Association Fire Resistance Design Manual.
- The underside of a floor assembly that meets the performance criteria in Section 504. 7.2 when tested in accordance with the test procedures set forth in ASTM E2957.
- The underside of a floor projection assembly that meets the performance criteria in accordance with the test procedures set forth in SFM Standard 12-7A-3.

Underfloor enclosure: CWUIC 504.6

Buildings or structures shall have underfloor areas enclosed to the ground with exterior walls in accordance with Section 504.5.

Exception: Complete enclosure shall not be required where the underside of exposed floors and exposed structural columns, beams and supporting walls are protected as required for exterior 1-hour fire-resistance-rated construction or heavy timber construction or fire-retardant-treated wood. The fire-retardant-treated wood shall be labeled for exterior use and meet the requirements of Section 2303.2 of the California Building Code.

Exterior glazing: CWUIC 504.8

Exterior windows, window walls and glazed doors, windows within exterior doors, and skylights shall be constructed of any of the following:

- Constructed of multi-pane glazing with a minimum of one tempered pane meeting requirements of CBC 2406 Safety Glazing
- Constructed of glass block units
- Have a fire-resistance rating of not less than 20 minutes when tested according to NFPA 257 or UL 9
- Tested to meet the performance requirements of SFM Standard 12-7A-2

Operable Skylights: CWUIC 504.8.2

- Operable skylights shall be protected by a noncombustible mesh screen where the dimensions of the opening in the screen shall not exceed 1/8 inch (3.2 mm).

Structural glass veneer: CWUIC 504.504.8.1

- The wall assembly behind the structural glass veneer shall comply with CWUIC Sections 504.5

Exterior doors: CWUIC 504.9

Exterior doors surface or cladding shall comply with one of the following:

- Shall be of noncombustible, OR
- Shall be of ignition-resistant material
- Constructed of solid core wood that complies with the following:
 - Stiles and rails shall not be less than 1 3/8 inches thick.
 - Raised panels shall not be less than 1 ¼ inches thick, except for the exterior perimeter of the raised panel that may taper to a tongue not less than 3/8 inch thick
- Fire-resistance rating of not less than 20 minutes when tested according to NFPA 252
- Tested to meet the performance requirements of SFM Standard 12-7A-1

Garage door perimeter gap: CWUIC 504.9.2

Exterior garage doors shall resist the intrusion of ember from entering by preventing gaps between doors and doors openings, at the bottom, sides and tops of doors, from exceeding 1/8 inch (3.2mm). Gaps between doors and doors openings shall be controlled by one of the following:

- Weather stripping products made of materials that:
 - Have been tested for tensile strength in accordance with ASTM D638 (Standard Test Method for Tensile Properties of Plastics) after exposure to ASTM G155 (Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non Metallic Materials) for a period of 2,000 hours, where the maximum allowable difference in tensile strength values between exposed and nonexposed sampled does not exceed 10 percent and;
 - Exhibit a V-2 or better flammability rating when tested to UL91, Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances.
- Door overlaps onto jambs and headers.
- Garage door jambs and headers covered with metal flashing.

DECKS: CWUIC 504.7.3

The walking surface material of decks, porches, balconies and stairs shall comply with the following requirements

Flashing: CWUIC 504.7.3.1

A minimum of a 6-inch (150 mm) metal flashing, applied vertically on the exterior of the wall, shall be installed at all deck-to-wall intersections

Decking Surfaces: CWUIC 504.7.3.2

The walking surface material of decks, porches, balconies and stairs shall be constructed with one of the following materials:

(Identify proposed product: _____ and define compliance method below.)

- Material that complies with the performance requirements of Section 504. 7.3.3 when tested in accordance with ASTM E2632 and ASTM E2726.
- Ignition-resistant building material that complies with the performance requirements of Section 503.2.4.
- Material that complies with the performance requirements of both SFM Standard 12-7A-4 and Section 503.2.4.
- Fire-retardant-treated wood labeled for exterior use and complying with Section 2303.2 of the California Building Code.
- Noncombustible material
- Any material that complies with the performance requirements of SFM Standard 12-7 A-4A and any attached exterior wall covering that is noncombustible or ignition-resistant building materials.

Exception: Wall material shall be permitted to be of any material that otherwise complies with this chapter when the decking surface material complies with the performance requirements of ASTM E84 or UL 723 with a Class B flame spread index.

- Any material that complies with the performance requirements of Section 504. 7.3.4 when tested in accordance with ASTM E2632 and any attached exterior wall covering that is noncombustible or ignition-resistant building materials.

Exception: Wall material shall be permitted to be of any material that otherwise complies with this chapter when the decking surface material complies with the performance requirements of ASTM E84 or UL 723 with a Class B flame spread index.