



COMMUNITY DEVELOPMENT AGENCY BUILDING DEPARTMENT

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Wildland Urban Interface (WUI) Compliance Homeowner Checklist 2022 CBC CHAPTER 7A and CRC SECTION R337

The purpose of this code is to assist in protection of life and property by increasing the ability of the building to resist fire intrusions. New construction shall comply with the Wildland Urban Interface requirements.

- Remove all flammable vegetation within 30ft of building (*see vegetation management handout*)
- Reduce fuel vegetation for the next 70ft (*see vegetation management handout*)
- Remove tree limbs from within 10ft of chimney outlet
- Eliminate dead wood from trees overhanging structure
- Roof is free of leaves, needles, and/or dead vegetation. All roof gutters have debris guards installed. (CRC R337.5.4)



- Exterior wall coverings are noncombustible, ignition resistant, heavy timber, log wall or fire resistive construction. (CRC R337.7)

- Exterior wall coverings extend from the foundation to the roof and terminate at 2 inch nominal solid blocking between rafters and overhangs. (CRC R337.7.3.1)

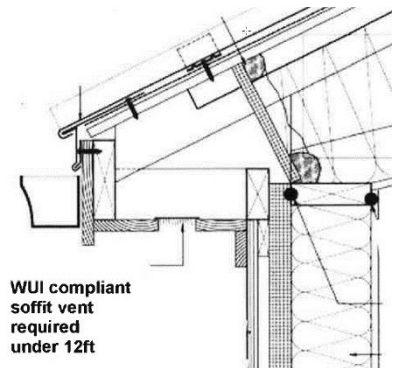
- Open/enclosed roof eaves and soffits, exterior porch ceilings, floor projections, under-floor areas and undersides of appendages comply with ignition resistant or noncombustible construction requirements. (CRC R337.7.5-9)

- Roof is a class A fire rated/listed roofing assembly. (Nevada County Ord. L-V 3.6)

- Spaces created between roof coverings and roof decking are fire stopped by approved materials or have one layer of minimum 72lb mineral surfaced non-perforated cap sheet complying with ASTM D 3909. (CRC R337.5.2)

- Where valley flashing is installed, the flashing is not less than 26gage and installed over not less than one layer of minimum 72lb mineral surfaced non-perforated cap sheet and at least 36 inches wide running the full length. (CRC R337.5.3)

- Vents in enclosed attics, gable ends, ridge ends, under eaves and cornices, enclosed eave soffit spaces, enclosed rafter spaces where ceilings are applied directly to the underside of roof rafters, underfloor ventilation, foundation and crawlspace spaces and any other opening intended to permit ventilation shall be listed/approved to resist the intrusion of flame and burning embers. Vents that are installed on sloped roofs shall be fully covered metal wire mesh, vents, or other materials that have a minimum 1/16 inch and maximum 1/8 inch openings, non-combustible and corrosion resistant. (CRC R337.6)



- Exterior glazing (windows, skylights, and door glazing) have a minimum of one-tempered pane, glass block, has a fire resistive rating of 20 minutes or is tested to meet performance requirements of SFM Standard 12-7A-2. Operable skylights shall have 1/8" maximum noncombustible screens installed over the openings. (CRC R337.8.2)
- Exterior doors including garage doors are noncombustible, ignition resistant material, minimum 1 3/8 inch solid core, minimum 20 minute fire resistive rating or tested to meet the performance requirements of SFM Standard 12-7A-1. Garage doors are weather stripped with no gaps over 1/8". (CRC R337.8.3)
- The walking surface material of decks, porches, balconies and stairs within 10ft of the building shall be ignition resistant material, exterior fire retardant treated wood or noncombustible material. (CRC R337.9)



All materials used shall comply with CRC Section R337 requirements for exposure to wildfire. Refer to the Office of the State Fire Marshal approved Building Material Listing website for more information:

http://osfm.fire.ca.gov/licensinglistings/licenselisting_bml_searchcotest

