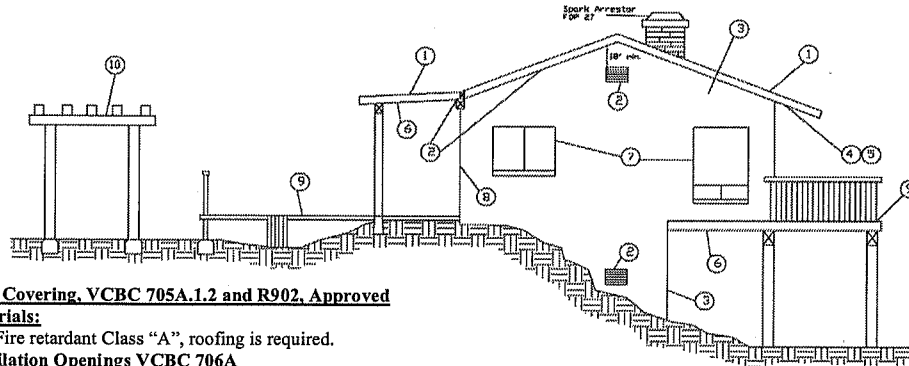


HIGH FIRE HAZARD /FIRE HAZARD SEVERITY ZONE REQUIREMENTS



1. **Roof Covering, VCBC 705A.1.2 and R902, Approved materials:**
 - a. Fire retardant Class "A", roofing is required.
2. **Ventilation Openings VCBC 706A**
 - a. Vents shall not be installed on the underside of eaves or cornices, unless special eave vents that resist the intrusion of flames and burning embers are accepted by the Building Official.
 - b. Attic or foundation ventilation openings or louvers shall not be located at or within 18 inches, measured vertically, of rakes, soffits, balconies, decks, or similar exterior overhangs which may be directly exposed to fire.
3. **Exterior Wall Covering CBC 707A.3:**
 - a. Noncombustible material
 - b. Ignition-resistant material
 - c. Heavy timber exterior wall assembly
 - d. Log wall assembly
 - e. Wall assemblies that meet SFM Std. 12-7A-1.
 - f. One layer 5/8" Type X gypsum sheathing applied behind the exterior covering or cladding on the exterior side of the framing
 - g. The exterior portion of a 1-hour fire resistive exterior wall assembly designed for exterior fire exposure
4. **Open Roof Eaves CBC 707A.4**
The exposed roof deck on the underside of unenclosed roof eaves shall consist of one of the following:
 - a. See items listed in 11
 - b. 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
 - c. Solid wood rafter tails on the exposed underside of open roof eaves having a minimum nominal dimension of 2"
 - d. Solid wood blocking installed between rafter tails on the exposed underside of open roof eaves having a minimum nominal dimension of 2"
 - e. Gable end overhangs and roof assembly projections beyond an exterior wall other than at the lower end of the rafter tails
5. **Enclosed Roof Eaves and Roof Eave Soffits CBC 707A.5**
The enclosed roof eaves that are either boxed-in with a soffit with a horizontal underside, or sloping rafter tails with an exterior covering applied to the underside of the rafter tails, shall be:
 - a. See items listed in 11
 - b. The exterior portion of a 1-hour fire resistive exterior wall assembly applied to the underside of the rafter tails or soffit
 - c. Boxed-in roof eave soffit assemblies with a horizontal underside that meet SFM Std. 12-7A-3.

EXCEPTIONS: The following materials do not require protection.

 - d. Solid wood nominal 2" rafter tails and blocking.
 - e. Fascia and architectural trim.
 - f. Gable end overhangs beyond an exterior wall other than at the lower end of the rafter tails
6. **Exterior Porch Ceilings/ Floor Projections/ Underside of Appendages CBC 707A.6, 707A.7, and 707A.8**
The exposed underside of exterior porch ceilings/ floor projections/ underside of Appendages shall be protected by one of the following:
 - a. See items listed in 11
 - b. The exterior portion of a 1-hour fire resistive exterior wall assembly applied to the underside of the ceiling assembly
 - c. Assemblies that meet SFM Std. 12-7A-3.
7. **Exterior Glazed Windows and Glazed Doors 708A.2.1**
Comply with one of the following:
 - a. Be constructed of multipane glazing with a minimum of one tempered pane meeting section 2406
 - b. Be constructed of glass block units
 - c. A fire-resistance rating of not less than 20 minutes when tested according to NFPA 257
 - d. Meet SFM Std. 12-7A-2.
8. **Exterior Doors CBC 708A.3**
Exterior doors shall comply with one of the following:
 - a. The exterior surface or cladding shall be of noncombustible or ignition-resistant material
 - b. Solid core wood, 1-3/8" thick
 - c. A fire-resistance rating of not less than 20 minutes when tested according to NFP 252
 - d. Meet SFM Std. 12-7A-1.
9. **Decking Surfaces CBC 709A.3**
The walking surface material of decks, porches, balconies, and stairs, when any portion of such surface is within 10 feet of the building, the entire surface shall be constructed with one of the following materials:
 - a. Ignition-resistant material that complies with the performance requirements of both SFM Standard 12-7A-4 and SFM Std. 12-7A-5, WUI Products 6/6/11
 - b. Exterior fire retardant treated wood
 - c. Noncombustible material
 - d. Any material that meets SFM Std. 12-7A-4A when attached exterior wall covering is also either noncombustible or ignition-resistant material
10. **Detached Patio Covers, Carports, Arbors, Open Lattice Work, and Sun Shades. CBC 710A.4**
Shall be constructed of noncombustible or ignition-resistant materials.
11. **Approved Material Dependant on Location as Noted Above.**
 - a. Noncombustible material
 - b. Ignition-resistant material
 - c. One layer of 5/8" Type X gypsum sheathing applied behind an exterior covering on the underside.
 - d. Architectural trim.
12. **Exempt Buildings. CBC 701A.3**
 - a. Buildings of an accessory character classified as Group U occupancy located at least 50 feet from an applicable building.