

## **Wildland Urban Interface Code Requirements for Plan Submittals;**

We have adopted the Wildland Urban Interface Code here in Central Lyon Fire District. Please call to confirm the Ignition Resistance classification. Based on our fuel type, most projects can be classified in the least restrictive Ignition Resistance category, Class 3. To achieve this in areas where there is non-conforming water supply, we are requiring increased defensible space for the present and a plan for how that will be maintained going forward. The Code Analysis is a list of codes used for the construction; ie; building code, electrical code and to include the 2018 International Wildland Urban Interface Code (IWUIC). I am sharing with you something like what another manufactured home builder is using to include on the plan sheet. This is just an example, but it speaks to all the Class 3 ignition resistant requirements of the 2018 Wildland Urban Interface Code, Please add a note to the plan sheet with the corresponding information. For underfloor enclosure please specify skirting or clear indication of full perimeter foundation. If the project is a simple gable roof the composition shingle spec should be enough but if you have any that have dormers or valleys please address the flashing or valley treatment, now or for future projects. I am also attaching the section of the code, on the next page, that has all the requirements for class 3 Ignition Resistance. In the future if you are installing gutters and downspouts, they need to be noncombustible and have a noncombustible leaf guard. See the attached code and the example of a note below. Please supply cut sheets with fire rating information for composition roofing shingles, underfloor enclosure and gutters and downspouts in any.

### **Example note;**

*Fire information : 2018 International Wildland Urban Interface Code*

*Class 3 Ignition Resistant construction*

*506.2; Roof Covering; Composition Shingles are Class A fire rated with Class A rated roofing*

*Underlayment, at locations where dormers are present, the valleys also contain additional underlayment with the shingles weaved on the dormer*

*506.3; Underfloor enclosure; Hardiboard skirting*

*506.4; Gutters and downspouts; House will have NO GUTTTTERS*

*Table 503.1; Ignition Resistant determination; IR3 based on a minimum defensible space of 45' in all directions from all buildings (area of project is in non-conforming water supply district)*

If the projects are within a conforming water supply district, meaning hydrants within 1000 feet, the defensible space required is 30' or to the property line wherever the property line is less than 30' from the building. Let me know if you have any questions.

Thanks,

Liz

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## SECTION 506

### CLASS 3 IGNITION-RESISTANT CONSTRUCTION

506.1 General. Class 3 ignition-resistant construction shall be in accordance with Sections 506.2 through 506.4.

506.2 Roof covering. Roofs shall have a roof assembly that complies with not less than a Class C rating when tested in accordance with ASTM E 108 or UL 790 or an approved non-combustible roof covering. For roof coverings where the profile allows a space between the roof covering and roof decking, the space at the eave ends shall be firestopped to preclude entry of flames or embers, or have one layer of 72-pound (32.4 kg) mineral-surfaced, nonperforated cap sheet complying with ASTM D3909 installed over the combustible decking.

506.2.1 Roof valleys. Where provided, valley flashings shall be not less than 0.019-inch (0.44 mm) (No. 26 galva-nized sheet gage) corrosion-resistant metal installed over a minimum 36-inch-wide (914 mm) underlayment consisting of one layer of 72-pound (32.4 kg) mineral-surfaced, nonperforated cap sheet complying with ASTM D3909 running the full length of the valley.

506.3 Underfloor enclosure. Buildings or structures shall have underfloor areas enclosed to the ground with exterior walls.

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, fire-retardant-treated wood, or heavy timber construction. Fire-retardant-treated wood shall be labeled for exterior use and meet the requirements of Section 2303.2 of the International Building Code.

506.4 Gutters and downspouts. Gutters and downspouts shall be constructed of noncombustible material. Gutters shall be provided with an approved means to prevent the accumulation of leaves and debris in the gutter.