



Oregon

Tina Kotek, Governor

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05/14/2024

Plan Review- Water Supply / Access

2499 Highway 201
Nyssa, Oregon 97913

The Rock Store

Randy Fales, Deputy State Fire Marshal

Attention: Kelsie Haueter, Planning Manager Malheur County

If there are questions regarding fire code issues, please contact Deputy State Fire Marshal Randy Fales at 971-315-3951 or email at randy.fales@osfm.oregon.gov

- **Fire Apparatus Access Roads** - (General) - 2022 OFC Section 503 and Appendix D: Fire apparatus access roads shall be placed within 150 feet of all exterior walls of the first floor of all buildings.
- **Premises Identification** – 2022 OFC 505.1 Approved numbers or addresses shall be placed on all new and existing buildings in such a position as to be plainly visible and legible from the street or road fronting the property. Said numbers shall contrast with their background and visible at night. Number/letter shall be a minimum of 4" high and a 0.5" stroke width.
- **Key Boxes** – 2022 OFC 506.1 An approved key box may be installed on all structures equipped with a fire alarm system and/or sprinkler system and/or on any gate or fence that intersects fire apparatus access roads.
- **Specifications** - 2022 OFC 503.2 and Appendix D: Fire apparatus access roads shall have an unobstructed width of not less than 20 feet designed with a uniform all-weather driving surface to support the imposed GVW of 75,000 lbs. and a vertical clearance of not less than 13 feet 6 inches. Dead end roads in excess of 150 feet in length shall be provided with an approved area for turning around fire apparatus. Turnarounds shall be in accordance with Table D103.4.

- **Water Supply** – 2022 Oregon OFC Section 507, Appendix B105.1: The required water supply for fire suppression shall be 1500 gallons per minute at 20 psi residual pressure for 2 hour(s). This flow requirement is based on Type V-B construction not to exceed 960 square feet for commercial buildings.
- **Fire Hydrants** – 2022 OFC Section 507.5 and Appendix C: The minimum amount of fire hydrants needed on this site shall be 1 spaced no more than 400 feet from the most remote portion of the building(s) measured by an approved fire access route around the exterior of the facility or building.

***2022 OFC Appendix B: B107.1 Areas without water supply systems**

The provisions of Section B107 are intended for use by the fire code official in protected areas in which adequate and reliable water supply systems do not exist. In determining the fire flow for buildings, the fire code official is authorized to utilize the following nationally recognized standards: NFPA 1142 Standard on Water Supplies for Suburban and Rural Fire Fighting.

- Will provide water storage calculations per NFPA 1142 once plans are provided.
- **Utility Identification** – 2022 OFC Section 509: Where required by the fire code official, gas shutoff valves, electric meters, service switches and other utility equipment shall be clearly and legibly marked to identify the unit or space that it serves.

Thank you,



Randy Fales
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