



Land Development Services

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http://www.co.columbia.or.us

**FIRE SERVICE AGENCY
REVIEW**

TO THE APPLICANT: Take this form to the Structural Fire Service Provider* that serves your property along with the following:

- A site plan drawn to scale showing the subject property, its improvements, location of fire hydrants, completed Check Sheet (Form FM-D1) and driveway information(This includes distances and slope percentages). Site Plan and Improvement drawings not necessary for new property descriptions.
- A floor plan of the proposed development (If applicable); and
- A fire flow report from your water purveyor (if applicable)
- After the fire official signs this form, include it with your application material. See Fire Code Application Guide for fire-related access standards and fire flow information.

*The Structural Service Providers in Columbia County are: **Clatskanie Fire District, Columbia River Fire & Rescue, Mist-Berkenfeld Fire District, Scappoose Fire District** and **Vernonia Fire District.**

Address of Site _____

Map & Tax Lot: _____

Description of Proposed Use: _____

Total Square Footage of Building (including roof projections, eaves & attached structures): _____

Applicant Name: _____ Phone: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____ Email: _____

STRUCTURAL FIRE SERVICE AGENCY REVIEW

Fire Agency completing this form: _____ Date of Review _____

- The subject property is located within our service boundaries or is under contract.
- The subject property is outside of our service boundaries and will not be providing fire protection services via contract. (Additional review is not needed.)

**** Access Review by Structural Fire Service Agency Providing Service ****

- The proposed development is in compliance with the fire apparatus access standards of the Oregon Fire Code standards as implemented by our agency.
- The following access improvements must be completed prior to issuance of the building permit and be re-inspected by our agency before flammable materials are placed on the property.

The proposed development is **not** in compliance with the adopted Fire Service Agency's access standards. The proposed building/structure is required to have a fire sprinkler system installed in compliance with Section 903.3.1.3 (NFPA 13D) of the Oregon Fire Code.

Fire Official: Please sign or stamp the presented site plan & floor plan and attach it to this form.

Signature & Title of Fire Official

STRUCTURAL FIRE SERVICE AGENCY REVIEW, cont.

**** Fire Flow by Structural Fire Service Agency Providing Service ****

The structure, building or addition is exempt from the fire flow standards of the OFC B-105.2.

- The proposed non-commercial structure **is less than 3,600 sq. ft.** (including the horizontal projections of the roof) and there **is** 1,000 gallons per minute of fire-flow available at 20 psi from public water lines. No mitigation measures are necessary.
- The proposed non-commercial structure **is more than 3,600 sq. ft.** (including all levels and the horizontal projections of the roof) and the fire-flow & flow duration at 20 psi is available from public water lines or private well or static water source and is in compliance with minimums specified in Appendix B, Table B105.2 of the Oregon Fire Code. No mitigation measures are necessary.
- The existing fire-flow & flow duration available from public water lines or private well is not adequate to serve the proposed non-commercial structure in compliance with Appendix B of the Oregon Fire Code and is more than **3,600 sq. ft.** The following mitigation measures are necessary* and must be installed prior to occupancy or use of the structure.
 - A fire sprinkler system meeting Section 903.3.1.3 (NFPA13D) of the Oregon Fire Code shall be installed.
 - If unique site conditions exist on a lot or when installing a full NFPA 13D is impractical due to increased SDC charges, a partial NFPA 13D system may be acceptable.
 - Installation of compartmentalization in dwellings to limit spread of the fire by bringing area calculations below 3,600 sq. ft, based on fire ratings in the OSSC.
 - Installation of additional 5/8 inch, type X gypsum wallboard.
 - A monitored fire alarm must be installed.
 - Class A or non-combustible roof materials must be installed.
 - Defensible space of 30 feet around the structure/building/addition.
 - A defensible space of 100 feet around the structure/building/addition due to slopes greater than 20 %.
 - Other

*The above required structural features are required by the Oregon Fire Code and shall be shown clearly on all building plans. These features may also be required by the Building Official.

Commercial/Industrial Buildings & Uses.

The minimum fire flow and flow duration is available from public water lines or private well as specified in OFC Appendix B, Table B105.2. No mitigation measures are required.

The minimum fire flow & flow duration is not available from public water lines or private well as specified in Appendix B, Table B105.2. The following mitigation measures are required:

Signature & Title of Fire Official

To the Fire Official:

Land Development Services has determined that the proposed building will qualify as an Exempt Farm Structure and the property owner has indicated that the building will be used solely for farm purposes and they intend on using the provision under ORS 455.315 and will not be obtaining a building permit for its construction.

COLUMBIA COUNTY FIRE SERVICES

Residential Driveway Pre-Inspection Check Sheet

Owner Name _____ Phone () _____ Email _____

Property Address _____ OR Tax Map Number _____

Applicant _____ Phone () _____ Email _____

(If other than the Property owner)

YES NO UNK

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | All paperwork identified below has been submitted to the county. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Driveway standards were obtained by (Location or Name of Official)? _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A Plot Plan is attached depicting driveway lengths & location in relation to the structure. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is there an existing driveway that is being used? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is this a new driveway? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is the grade within the applicable standard (< 12% or up to 15% for < 200 feet)? OFC 503.2.7, D103.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Does the driveway serve more than one home? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is there a bridge or culvert that is part of the driveway? (If yes, an inspection plan and signage is required) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | For your bridge or culvert; are plans submitted by a design professional? OFC 503.2.6 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Can the driveway sustain a vehicle load of 60,000 pounds? OFC D102.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is your access road subject to runoff damage (Water)? OFC D103.3.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is the driveway more than 150 feet in length? (<u>Circle one</u>) Is the roadway gravel or paved? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Has an emergency vehicle turnaround been installed or identified on the plan? OFC 503.2.5 & D103.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is the driveway more than 400 feet? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | If so, are turnouts installed or depicted on the plot plan (20' wide by 40' long)? County Ordinance |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is the roadway 12 feet wide with 4 feet of clearance on each side (20 feet total clearance)? OFC 503.2.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is the vertical clearance on all points of the road not less than 13 feet 6 inches? OFC 503.2.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Does the angle of approach and departure meet the requirements of your fire agency? OFC 503.2.8 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is the address posted on the building or access road today? OFC 505 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Will there be a locked gate to access this property? OFC 503.4, 503.6, 506 & D103.5 |

NOTES: _____

Official Receiving Form: _____ Date: _____
Form FM-D2 Driveway # _____

**Columbia County
Fire Service Road Improvement Inspection
For Roads over 150 feet in Length**

Owner Name _____ Phone () _____ Email _____

Property Address _____ **OR** Tax Map Number _____

Applicant _____ Phone () _____ Email _____

(If other than the Property owner)

YES NO N/A

- All paperwork identified and complete.
- Is the grade within the applicable standard (Less than 12 % or up to 15% for less than 200 feet)? **OFC 503.2.7 & D103.2**
- Is paving required for this driveway? **County Ordinance**
- Is the driveway over 17%? If so an NFPA 13D system is required. **County Ordinance, OFC 503.2.7 & D103.2**
- If the driveway serve more than one home are address signs posted at the driveway and the house? **County Ordinance**
- If there is a bridge or culvert, Has the weight limit been posted? **OFC 503.2.6**
- Is the roadway subject to runoff? If so, has drainage been mitigated? **OFC D103.3.1**
- Is the driveway more than 400 feet?
- If so, are turnouts installed (20' wide by 40' long)? **County Ordinance**
- Has an emergency vehicle turnaround been installed or identified? **OFC 503.2.5 & D103.4**
- Is the roadway 12 feet wide with 4 feet of clearance on each side (20 feet total clearance)? **County Ordinance & OFC 503.2.1**
- Is the address posted on the building and access road? **OFC 505**
- If there is a locked access is a fire department approved lock or access been installed? **OFC 503.4, 503.6, 506 & D103.5**
- Is the angle of departure or approach within limits? **OFC 503.2.8**
- Is the vertical clearance at 13' 6"? **OFC 503.2.1**
- All turning radius greater than 45 feet on corners & curves of more than 30 degrees? (Gravel required full 20' width) **OFC D103.3**
- If there is a bridge, are the weight limitations posted on the entrance side? **County Ordinance OFC 503.2.6**

Comments and required Improvements: _____

First Inspection Fire Official: _____ Date: _____ Agency: _____

Re-Inspection Fire Official: _____ Date: _____ Agency: _____

Final Inspection Fire Official: _____ Date: _____ Agency: _____

_____ Improvement needed, access not granted

_____ Temporary Access Granted with re-inspection prior to occupancy

_____ The roadway improvements meet the access for fire service equipment.

COLUMBIA COUNTY FIRE SERVICES

Typical Order and Flow
For Roadway Inspection

