

Date Received:

LAND MANAGEMENT DIVISION



LAND USE APPLICATION - DIRECTOR
Forest Dwelling: Template Dwelling

PUBLIC WORKS DEPARTMENT 3050 N. DELTA HWY, EUGENE OR 97404 Planning: 682-3577

For Office Use Only, FILE #

FEE:

Applicant (print name):

Mailing address:

Phone: Email:

Applicant Signature:

Agent (print name):

Mailing address:

Phone: Email:

Agent Signature:

Land Owner (print name):

Mailing address:

Phone: Email:

Through applying for this application I authorize the Lane County Planning Director, designee, or hearings official to enter upon the property subject of the application to conduct a site visit necessary for processing the requested application. Lane County shall contact the Land Owner prior to the site visit to arrange an appropriate time for the site visit.

Land Owner Signature:

LOCATION

Township Range Section Taxlot(s)

Site address

PROPOSAL: A request for Director Approval of a dwelling in the Impacted Forest Lands (F-2) Zone pursuant to the "template test" provisions of Lane Code 16.211(5).

**NOTICE:** The Applicant is responsible for providing enough information in this application for staff to make reasonable findings. Please refer to the handout entitled “*Application Standards for land use applications*” for information on the required number of copies, and other submittal standards (LC 14.050(1)(b) & (c)).

**ADJOINING OWNERSHIP** Is any adjacent property under the same ownership as the subject property? List the map and tax lot(s).

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**SITE PLAN** A site plan must be included. Refer to the handout entitled “How to prepare your plot plan”. Identify nearby driveways. Driveways spacing standards are contained in Lane Code 15.138. If served by an access easement, show how the subject property does/will reach a County Road or Local Access Road.

**ZONING** \_\_\_\_\_

**ACREAGE:** \_\_\_\_\_

**FIRE DISTRICT:** \_\_\_\_\_

**DESCRIBE THE ACCESS TO THE PROPERTY (circle the answer):**

State Hwy                      County Rd                      Public Rd                      Private Easement (include a copy)

Road name: \_\_\_\_\_

**NUMBER OF EXISTING DWELLINGS ON PARCEL:** \_\_\_\_\_

**EXISTING IMPROVEMENTS:** What structures or improvements does the property contain (i.e., outbuildings, roads, driveways, wells, septic tanks, drainfields)? Will any structure or improvement be removed/demolished?

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**PHYSICAL FEATURES:** Describe the site.

- The Vegetation on the property: \_\_\_\_\_

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- The Topography of the property: \_\_\_\_\_

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- Any Significant Features of the property (steep slopes, water bodies, etc.): \_\_\_\_\_

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**(i) Is predominantly composed of soils that are capable of producing 0 to 49 cubic feet per acre per year of wood fiber; and**

**(aa) All or part of at least three other lots or parcels that existed on January 1, 1993, are within a 160 acre square centered on the center of the subject tract measured and counted as follows:**

**(A) If the subject tract abuts a road that existed on January 1, 1993, the measurement may be made by creating a 160-acre rectangle that is one mile long and one-fourth mile wide centered on the center of the subject tract and that is to the maximum extent possible, aligned with the road;**

**(B) If the subject tract is 60 acres or larger and abuts a road or perennial stream, the measurement shall be made by using a 160-acre rectangle that is one mile long and one-fourth mile wide centered on the center of the subject tract that is to the maximum extent possible, aligned with the road or stream;**

**(C) Lots or parcels within urban growth boundaries shall not be used to satisfy the eligibility requirements in LC 16.211(5)(c)(i)(aa) above.**

**(bb) At least three dwellings or permanent manufactured dwellings existed on January 1, 1993, and continue to exist on the other lots or parcels described in LC 16.211(5)(c)(i)(aa) above. If the measurement is made pursuant to LC 16.211(5)(c)(i)(aa)(B) above and if a road crosses the subject tract, then at least one of the three required dwellings or permanent manufactured dwellings shall be located:**

**(A) On the same side of the road as the proposed residence; and**

**(B) On the same side of the road or stream as the subject tract and located within a 160-acre rectangle that is one mile long and one-fourth mile wide centered on the center on the subject tract that is to the maximum extent possible aligned with the road or stream and within one-quarter mile from the edge of the subject tract but not outside the length of the 160-acre rectangle;**  
**or**

**(ii) Is predominantly composed of soils that are capable of producing 50 to 85 cubic feet per acre per year of wood fiber; and**

**(aa) All or part of at least seven other lots or parcels that existed on January 1, 1993, are within a 160 acre square centered on the center of the subject tract measured and counted as follows:**

**(A) If the subject tract abuts a road that existed on January 1, 1993, the measurement may be made by creating a 160-acre rectangle that is one mile long and one-fourth mile wide centered on the center of the subject tract and that is to the maximum extent possible, aligned with the road;**

**(B) If the subject tract is 60 acres or larger and abuts a road or perennial stream, the measurement shall be made by using a 160-acre rectangle that is one mile long and one-fourth mile wide centered on the center of the subject tract that is to the maximum extent possible, aligned with the road or stream;**

**(C) Lots or parcels within urban growth boundaries shall not be used to satisfy the eligibility requirements in LC 16.211(5)(c)(ii)(aa) above.**

**(bb) At least three dwellings or permanent manufactured dwellings existed on January 1, 1993, and continue to exist on the other lots or parcels described in LC 16.211(5)(c)(ii)(aa) above. If the measurement is made pursuant to LC 16.211(5)(c)(ii)(aa)(B) above and if a road crosses the subject tract, then at least one of the three required dwellings or permanent manufactured dwellings shall be located:**

**(A) On the same side of the road as the proposed residence; and**

**(B) On the same side of the road or stream as the subject tract and located within a 160-acre rectangle that is one mile long and one-fourth mile wide centered on the center on the subject tract that is to the maximum extent possible aligned with the road or stream and within one-quarter mile from the edge of the subject tract but not outside the length of the 160-acre rectangle; or**

**(iii) Is predominantly composed of soils that are capable of producing 85 cubic feet per acre per year of wood fiber; and**

**(aa) All or part of at least eleven other lots or parcels that existed on January 1,1993, are within a 160 acre square centered on the center of the subject tract measured and counted as follows:**

**(A) If the subject tract abuts a road that existed on January 1, 1993, the measurement may be made by creating a 160-acre rectangle that is one mile long and one-fourth mile wide centered on the center of the subject tract and that is to the maximum extent possible, aligned with the road;**

**(B) If the subject tract is 60 acres or larger and abuts a road or perennial stream, the measurement shall be made by using a 160-acre rectangle that is one mile long and one-fourth mile wide centered on the center of the subject tract that is to the maximum extent possible, aligned with the road or stream;**

**(C) Lots or parcels within urban growth boundaries shall not be used to satisfy the eligibility requirements in LC 16.211(5)(c)(iii)(aa) above.**

How many lots or parcels existed on January 1, 1993? \_\_\_\_\_

**(bb) At least three dwellings or permanent manufactured dwellings existed on January 1, 1993, and continue to exist on the other lots or parcels described in LC 16.211(5)(c)(iii)(aa) above. If the measurement is made pursuant to LC 16.211(5)(c)(iii)(aa)(B) above and if a road crosses the subject tract, then at least one of the three required dwellings or permanent manufactured dwellings shall be located:**

**(A) On the same side of the road as the proposed residence; and**

**(B) On the same side of the road or stream as the subject tract and located within a 160-acre rectangle that is one mile long and one-fourth mile wide centered on the center on the subject tract that is to the maximum extent possible aligned with the road or stream and within one-quarter mile from the edge of the subject tract but not outside the length of the 160-acre rectangle.**

Include a scaled map and the template used to verify the requirements in (aa) and (bb) showing the 1993 configuration of the parcels.

How many lots or parcels existed on January 1, 1993? \_\_\_\_\_

How many dwellings or permanent manufactured homes existed on January 1, 1993 and continue to exist?

\_\_\_\_\_

**Complete the following table to support your answers on the previous page.**

	<b>map and tax lot</b>	<b>deed &amp; date</b>	<b>dwelling date</b>
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
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22.			
23.			
24.			

Include description cards, which you can obtain from Lane County Assessment & Taxation.

If necessary, see the Planner on Duty for prior partitions/subdivision/legal lot status of surrounding properties. If a property was created via a partition or subdivision, please list that above in the deed/date column. If a legal lot verification was completed on a property, please include the PA# along with the year of creation.

If the dwelling is a manufactured dwelling, provide evidence it was placed on the property prior to January 1, 1993.

If your application is approved, the following criteria will be made conditions of approval.

**(d) Approval of a dwelling or manufactured dwelling shall comply with the requirements in LC 16.211(5)(d)(i) through (iv) below:**

**(i) The owner of the tract shall plant a sufficient number of trees on the tract to demonstrate that the tract is reasonably expected to meet Department of Forestry stocking requirements at the time specified in Department of Forestry administrative rules;**

**(ii) The Director shall notify the County Assessor of the above condition at the time the dwelling is approved;**

**(iii) If the lot or parcel is more than ten acres, the property owner shall submit a stocking survey report to the County Assessor and the Assessor will verify that the minimum stocking requirements have been met by the time required by Department of Forestry rules; and**

**(iv) If the Department of Forestry determines that the tract does not meet those requirements and notifies the owner and the Assessor that the land is not being managed as forest land, the Assessor will remove the forest land designation pursuant to ORS 321.359 and impose the additional tax pursuant to ORS 321.372.**

**(e) Prior to land use clearance of a building permit for the dwelling or manufactured dwelling, when the lot or parcel on which the dwelling or manufactured dwelling will be located is part of a tract, the remaining portions of the tract shall be consolidated into a single lot or parcel and a deed restriction using the form provided in OAR 660-06-027(6), "Exhibit A," shall be completed and recorded with Lane County Deeds and Records. The covenants, conditions and restrictions in the deed restriction:**

**(i) Shall be irrevocable, unless a statement of release is signed by the Director;**

**(ii) May be enforced by the Department of Land Conservation and Development or by Lane County;**

**(iii) Shall, together with a map or other record depicting any tract which does not qualify for a dwelling, be maintained in the Department records and be readily available to the public; and**

**(iv) The failure to follow the requirements of LC 16.211(5)(e) above shall not affect the validity of the transfer of property or the legal remedies available to the buyers of the property which is the subject of the covenants, conditions and restrictions required by LC 16.211(5)(e) above.**

**(f) Land use approval of a permit described in LC 16.211(5) above shall be valid for four years from the date of the approval. Notwithstanding the requirements in LC 14.700(2)(d)(ii) and (iii), an application for a two year extension of the timelines for the permit approval described in LC 16.211(5)(f) above may be made and approved pursuant to LC 14.700(2).**

**(g) The Director shall require as a condition of approval that the landowner for the dwelling sign and record in the Lane County deed records a document binding the landowner, and the landowner's successors in interest, prohibiting them from pursuing a claim for relief or cause of action alleging injury from farming or forest practices for which no action or claim is allowed under ORS 30.936 or 30.937.**

## SITING CRITERIA

### Lane Code 16.211(8)

These standards are designed to make the proposed dwelling compatible with forest operations and agriculture, to minimize wildfire hazards and risks and to conserve values found on forest lands.

The standards in LC 16.211(8)(a)-(b) below shall be weighed together with the requirements in LC 16.211(8)(c) and (e) below to identify the building site.

(a) **Setbacks. Residences, dwellings or manufactured dwellings and structures shall be sited as follows:**

(i) **Near dwellings or manufactured dwellings on other tracts, near existing roads, on the most level part of the tract, on the least suitable portion of the tract for forest use and at least 30 feet away from any ravine, ridge or slope greater than 40 percent;**

Explain the reason for the proposed location. You must address the following issues:

- Is the new dwelling close to other dwellings on adjacent property? Explain.

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- Is the dwelling near existing roads?

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- Will a new driveway be constructed or will an existing driveway be extended?

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- What is the most level part of the property?

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- What is the area that is least suitable for forest use based on the soil productivity, forest management and forest harvesting practices?

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- Is there a ravine, ridge or slope greater than 40% within 30 feet of the new dwelling?

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(ii) **With minimal intrusion into forest areas undeveloped by non-forest uses; and**

Will the dwelling encroach into a forested area? Or will it be located in an existing developed or open area? Explain:

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**(iii) Where possible, when considering LC 16.211(8)(a)(i) and (ii) above and the dimensions and topography of the tract, at least 500 feet from the adjoining lines of property zoned F-1 and 100 feet from the adjoining lines of property zoned F-2 or EFU; and**

Is the dwelling within 500 feet of adjoining property zoned F-1?                      Yes              No

If yes, explain: \_\_\_\_\_  
\_\_\_\_\_

Is the dwelling within 100 feet of adjoining property zoned F-2 or EFU?                      Yes              No

If yes, explain: \_\_\_\_\_  
\_\_\_\_\_

**(iv) Except for property located between the Eugene-Springfield Metropolitan Area General Plan Boundary and the Eugene and Springfield Urban Growth Boundaries, where setbacks are provided for in LC 16.253(6), the riparian setback area shall be the area between a line 100 feet above and parallel to the ordinary high water of a Class I stream designated for riparian vegetation protection in the Rural Comprehensive Plan. No structure other than a fence shall be located closer than 100 feet from ordinary high water of a Class I stream designated for riparian vegetation protection by the Rural Comprehensive Plan. A modification to the riparian setback standard for a structure may be allowed provided the requirements of LC 16.253(3) or LC 16.253(6), as applicable, are met; and**

Is there a designated Class 1 stream on the property?              Yes              No

If yes, how far will the dwelling be from the Class 1 stream? \_\_\_\_\_ Feet

**(v) Structures other than a fence or sign shall not be located closer than:**

- (aa) 20 feet from the right-of-way of a state road, County road or a local access public road specified in Lane Code LC Chapter 15; and**
- (bb) 30 feet from all property lines other than those described in LC 16.211(8)(a)(v)(aa) above; and**
- (cc) The minimum distance necessary to comply with LC 16.211(8)(a) above and LC 16.211(8)(b) through (d) below.**

Does the property front County Right-of-way?              Yes              No

If yes, what is the distance from the proposed dwelling to the County Right-of-way? \_\_\_\_\_ Feet

How far is the proposed dwelling from the northern property line?                      \_\_\_\_\_ Feet

How far is the proposed dwelling from the eastern property line?                      \_\_\_\_\_ Feet

How far is the proposed dwelling from the southern property line?                      \_\_\_\_\_ Feet

How far is the proposed dwelling from the western property line?                      \_\_\_\_\_ Feet

**(b) The amount of forest lands used to site access roads, service corridors and structures shall be minimized.**

Explain how the location of the dwelling and driveway minimize intrusion into the forest. Attach additional pages if necessary. \_\_\_\_\_  
\_\_\_\_\_

Will you be disturbing more than 1 acre of land (development site & driveway)?

Yes No How Much? \_\_\_\_\_ (approximate square footage)

**(c) Fire Siting Standards. The following fire-siting standards or their equivalent shall apply to new residences, dwellings, manufactured dwellings or structures:**

**(i) Fuel-Free Breaks. The owners of dwellings, manufactured dwellings and structures shall maintain a primary safety zone surrounding all structures and clear and maintain a secondary fuel break on land surrounding the dwelling or manufactured dwelling that is owned or controlled by the owner in compliance with these requirements.**

**(aa) Primary Safety Zone. The primary safety zone is a fire break extending a minimum of 30 feet in all directions around dwellings, manufactured dwellings and structures. The goal within the primary safety zone is to exclude fuels that will produce flame lengths in excess of one foot. Vegetation within the primary safety zone could include green lawns and low shrubs (less than 24 inches in height). Trees shall be spaced with greater than 15 feet between the crown and pruned to remove dead and low (less than eight feet) branches. Accumulated leaves, needles, and other dead vegetation shall be removed from beneath trees. Nonflammable materials (i.e., rock) instead of flammable materials (i.e., bark mulch) shall be placed next to the house.**

As slope increases, the primary safety zone shall increase away from the house, parallel to the slope and down the slope, as shown in the table below:

Size of the Primary Safety Zone by Percent Slope		
% Slope	Feet of Primary Safety Zone	Feet of Additional Safety Zone Down Slope
0	30	0
10	30	50
20	30	75
25	30	100
40	30	150

The new dwelling must be surrounded by a 30 foot primary safety zone. If the dwelling is on a slope, the safety zone will increase, as shown in the table.

**Dwellings or manufactured dwellings shall not be sited on a slope greater than 40 percent.**

What is the slope of the land within 30 feet of the dwelling? \_\_\_\_\_

**(bb) Secondary Fuel Break. The secondary fuel break is a fuel break extending a minimum of 100 feet in all directions around the primary safety zone. The goal of the secondary fuel break is to reduce fuels so that the overall intensity of any wildfire would be lessened and the likelihood of crown fires and crowning is reduced. Vegetation within the secondary fuel break shall be pruned and spaced so that fire will not spread between crowns of trees. Small trees and brush growing underneath larger trees shall be removed to prevent spread of fire up into the crowns of the larger trees. Dead fuels shall be removed.**

The secondary fuel break must be established an additional 100 feet from the primary safety zone, but only on property you own.

\* Show the fuel breaks on the site plan. If approved, the primary safety zone and the secondary fuel break will be verified as a condition of approval. Contact staff (541-682-3577) for details regarding fire break standards.

\* The establishment and maintenance of fuel breaks within the Riparian Setback Area shall comply with the applicable requirements of Lane Code 16.253.

**(ii) Structural Fire Protection. The dwelling or manufactured dwelling shall be located upon a parcel within a fire protection district or shall be provided with residential fire protection as evidenced by a long term contract with a fire protection district (FPD) recorded in Lane County Deeds and Records. If the dwelling or manufactured dwelling are not within a FPD, the applicant shall provide evidence that the applicant has submitted a written request for a long term services contract with the nearest FPD and to be annexed into the FPD boundaries. If the FPD and the Planning Director determine that inclusion within a FPD or contracting for residential fire protection is impracticable, the Planning Director shall require as a condition of approval for the dwelling or manufactured dwelling that the property owner implement and maintain a Fire Protection Plan as an alternative means for protecting the dwelling or manufactured dwelling from fire hazards, consistent with the following standards:**

Is the property within a fire district? (circle the answer)                      Yes                      No

If yes, go to (iii) on the next page.

If the property is not within a fire district, you have two options (choose one):

\_\_\_\_ (A) Submit evidence of a long term services contract with the nearest fire district and request annexation into the fire district, or

\_\_\_\_ (B) Develop a Fire Protection Plan. It must comply with standards in (aa) - (dd) below. The Fire Protection Plan will be verified as a Condition of Approval, but it is recommended that you submit the plan with this application.

**(aa) Implementation and maintenance in perpetuity of a 100-foot wide primary safety zone surrounding the perimeter of the dwelling or manufactured dwelling structures in compliance with the standards in LC 16.211(c)(i)(aa) above; and**

**(bb) An external, fire protection system as a component to the equivalent Fire Protection Plan to mitigate the threat to the dwelling and residential structures by a seasonal wildfire or the threat to the forest resource base from a fire originating on the parcel in compliance with the following standards:**

**(A) Provide a minimum of two all-weather, one-inch valve, fire hydrants and two fire hose reels with sufficient length of fire suppression hose at each hydrant to reach around fifty percent of the exterior of the dwelling and residential accessory structures. The hose reels shall be installed between 50-75 feet from the structure foundations. The minimum fire hose interior diameter shall be one-inch;**

**(B) Provide a fire nozzle with each fire hose with multiple settings to allow stream, spray and fog applications of water on the exterior of the structures and landscape;**

**(C) Provide and annually maintain a water supply and pumping system connected to the fire hydrants in compliance with the following minimum requirements: a swimming pool, pond, lake or similar body of water that at all times contains a minimum of 4,000 gallons of water; or a stream that has a continuous year-round flow of at least one cubic foot per second; or a 1,500-gallon storage tank, e.g., concrete septic tank connected to an operating groundwater well for refilling; or a high-yield groundwater well with a minimum yield of 30 gallons per minute for one hour; and a pump system capable of maintaining 80 psi line pressure to the two fire hydrants.**

**(cc) The property owner shall provide verification from the Water Resources Department that any permits or registrations required for water diversions have been obtained or that such permits or registrations are not required under state law for the use; and**

**(dd) Road or driveway access to within 15 feet of the water supply shall be provided for pumping units. The road or driveway access shall accommodate the turnaround of fire fighting equipment during the fire season. Permanent signs shall be posted along the access route to indicate the location of the emergency water source.**

**(iii) Chimneys and Roofs. Dwellings, manufactured dwellings or structures with any chimneys shall have a spark arrestor on the chimneys. All habitable roofed structures shall be regulated by the State of Oregon Structural Specialty Code or the State of Oregon One and Two Family Specialty Code. Roofing for dwellings and manufactured dwellings shall be asphalt shingles in accordance with Section 903, slate shingles in accordance with Section 904, metal roofing in accordance with Section 905, tile, clay or concrete shingles in accordance with Section 907 and other approved roofing which is deemed to be equivalent to Class C rated roof covering. Wood shingles and shake roofs are not permitted. When 50 percent or more of the roof covering of any one or two family dwelling or manufactured dwelling is repaired or replaced in one year, the roof covering shall be made to comply with this section.**

These construction standards will be a condition of approval and will be verified by staff.

**(d) Domestic Water Supplies. Evidence shall be provided that the domestic water supply is from a source authorized in accordance with the Water Resources Department's administrative rules for the appropriation of ground water or surface water and not from a Class II stream as defined in the Forest Practices Rule, OAR Chapter 629. If the water supply is unavailable from public sources or sources located entirely on the property, then the applicant shall provide evidence that a legal easement has been obtained permitting domestic water lines to cross the properties of affected owners. For purposes of LC 16.211(8)(d) above, evidence of domestic water supply means:**

What is your water source (check the answer):

Private Well                       Community System                       Public system

Describe: \_\_\_\_\_  
\_\_\_\_\_

**(i) Verification from a water purveyor that the use described in the application will be served by the purveyor under the purveyor's rights to appropriate water; or**

For a community or public system, do you have written verification the provider can serve your dwelling?

Yes                      No                      If yes, include a copy with this application.

**(ii) A water use permit issued by the Water Resources Department for the use described in the application; or**

**(iii) Verification from the Water Resources Department that a water use permit is not required for the use described in the application. If the proposed water supply is from a well and is exempt from permitting requirements under ORS 537.545, the applicant shall submit the well constructor's report to the Department upon completion of the well.**

Do you have a water use permit (well log) for an existing well, issued by the Water Resources Department?

Yes                      No

If yes, include a copy with this application. Copies can be obtained at the following website:  
oregon.gov/OWRD/index.shtml

**(e) Fire Safety Design Standards for Roads and Driveways.** Private driveways, roads or bridges accessing only commercial forest uses are not subject to compliance with these fire safety design standards for roads and driveways. The route of access for fire fighting equipment, from the fire station to the destination point, across public roads, bridges, private roads or private access easements and driveways shall comply with the standards specified below in LC 16.211(8)(e). Evidence of compliance with the standards specified in LC 16.211(8)(e) below should include objective information about the fire fighting equipment, the physical nature of the access route, the nature of any proposed improvements to the access route, and it may also include a written verification of compliance from the agency providing fire protection, or a written certification of compliance from an Oregon Registered Professional Engineer. As used herein, "road" means a way of access used for more than one use and accessory uses dwelling or manufactured dwelling. As used herein, "driveway" means a way of access used for only one dwelling or manufactured dwelling.

The standards below will be a condition of approval and will be verified by staff.

**(i) Road and Driveway Surfaces.** Roads shall have unobstructed widths of at least 20 feet including: travel surfaces with widths of at least 16 feet constructed with gravel to a depth sufficient to provide access for fire fighting vehicles and containing gravel to a depth of at least six-inches or with paving having a crushed base equivalent to six inches of gravel, an unobstructed area two feet in width at right angles with each side of the constructed surface, curve radii of at least 50 feet, and a vertical clearance of at least 13 feet 6 inches. Driveways shall have: constructed widths of at least 12 feet with at least six inches of gravel or with paving having a crushed base equivalent to six inches of gravel and shall have a vertical clearance of 13 feet 6 inches.

Will the existing driveway be extended to serve the new dwelling?      Yes      No

Will there be a new driveway in a new location?      Yes      No

**(ii) Turnarounds.** Any dead-end road over 200 feet in length and not maintained by Lane County shall meet these standards for turnarounds. Dead-end roads shall have turnarounds spaced at intervals of not less than 500 feet. Turnarounds shall comply with these design and construction standards:

**(aa) Hammerhead Turnarounds.** Hammerhead turnarounds (for emergency vehicles to drive into and back out of to reverse their direction on the road) shall intersect the road as near as possible at a 90 degree angle and extend from the road at that angle for a distance of at least 20 feet. They shall be constructed to the standards for driveways in LC 16.211(8)(e)(i) above and shall be marked and signed by the applicant as "NO PARKING." Such signs shall be of metal or wood construction with minimum dimensions of 12 inches by 12 inches; or

**(bb) Cul-de-sac Turnarounds.** Cul-de-sac turnarounds shall have a right-of-way width with a radius of at least 45 feet and an improved surface with a width of at least 36 feet and shall be marked and signed by the applicant as "NO PARKING." Such signs shall be of metal or wood construction with minimum dimensions of 12 inches by 12 inches; and

**(cc) No cul-de-sacs or hammerhead turnarounds shall be allowed to cross any slope which will allow chimney-effect draws unless the dangerous effects of the chimney-effect draws have been mitigated by the location of the road and, where necessary, by the creation of permanent fire breaks around the road.**

Are you proposing a dead-end road?      Yes      No

Is it over 200 feet long? Yes No

If yes, it must contain turnarounds. Explain: \_\_\_\_\_

**(iii) Bridges and Culverts. Bridges and culverts shall be constructed to sustain a minimum gross vehicle weight of 50,000 lbs. and to maintain a minimum 16-foot road width surface or a minimum 12-foot driveway surface. The Planning Director may allow a single-span bridge utilizing a converted railroad flatcar as an alternative to the road and driveway surface width requirements, subject to verification from an engineer licensed in the State of Oregon that the structure will comply with the minimum gross weight standard of 50,000 lbs.**

Will the new driveway or extension of the driveway contain any culverts or bridges? Yes No

If yes, explain: \_\_\_\_\_

**(iv) Road and Driveway Grades. Road and driveway grades shall not exceed 16 percent except for short distances when topographic conditions make lesser grades impractical. In such instances, grades up to 20 percent may be allowed for spans not to exceed 100 feet. An applicant must submit information from a Fire Protection District or engineer licensed in the State of Oregon demonstrating that road and driveway grades in excess of eight percent are adequate for the fire fighting equipment of the agency providing fire protection to access the use, fire fighting equipment and water supply.**

Will the road or driveway contain any slopes in excess of 8%? Yes No

If yes, explain: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**(v) Identification. Roads shall be named and addressed in compliance with LC 15.305 through 15.335.**

Please be advised that staff will evaluate the route of the road serving your dwelling, from the homesite back to the public road to which it connects. Staff will determine if the road is to be named, per LC 15.312 and LM 15.015(3). Staff will review the address numbering of the street, if determined the address number may be required to change. If determined, such will be required as a condition of this approval.

**(vi) Driveway Vehicle Passage Turnouts. Driveways in excess of 200 feet shall provide for a 20-foot long and eight-foot wide passage space (turn out) with six inches in depth of gravel and at a maximum spacing of 400 feet. Shorter or longer intervals between turnouts may be authorized by the Planning Director where the Director inspects the road and determines that topography, vegetation, corners or turns obstruct visibility.**

The driveway must be 12 feet wide. How wide is the driveway? \_\_\_\_\_

Is it over 200 feet long? Yes No

If yes, it must contain turnouts. Turnouts are not required if the driveway is 16 feet wide.

Will the driveway have turnouts? Yes No

Will the driveway be 16 feet wide? Yes No

**(vii) Modifications and Alternatives. The standards in LC 16.211(8)(e)(i) through (vi) above may be modified by the Approval Authority provided the applicant has submitted objective evidence demonstrating that an alternative standard would insure adequate access for fire fighting equipment from its point of origination to its point of destination.**

Are you proposing any modifications or alternatives to the road or driveway standards? If yes, explain. Attach additional pages of necessary.

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