



DEPARTMENT OF PLANNING AND DEVELOPMENT

**FLOODPLAIN DEVELOPMENT PERMIT APPLICATION
FOR RESIDENTIAL DEVELOPMENT**

Property Owner Telephone

Street/P.O. Box City State ZIP

Agent (if any) Relationship to Property

Map & Tax Lot # of Subject Property

Development Proposed (Check all that apply):

- New Construction
- Residential
- Fill
- Improvement to Existing Structure
- Watercourse Alteration
- Other (describe) _____

The following information must accompany this application:

- A. A plot plan, drawn to scale, showing the location of all existing and proposed development on the subject property.
- B. For building construction, complete building plans. If construction is in a V zone or is for a flood-proofed non-residential structure, plans must be stamped by an architect or engineer.
- C. For fill and/or excavation, a typical cross section and an indication of the amount of material to be placed and/or removed.
- D. A surveyed bench mark on or near the subject property with elevation expressed in feet NGVD.
- E. If proposed development is within a floodway, a step-backwater analysis stamped by a registered professional engineer.

I certify that this application and accompanying plans are accurate to the best of my knowledge.

Date

Signature of Property Owner or Authorized Agent

Residential Floodplain Permit, con't.

ACTION This application is: 1. Denied (findings attached)
(circle one) 2. Approved, with the following conditions:

- _____ All new construction and substantial improvement shall be anchored to prevent flotation, collapse, and lateral movement of the structure, and shall be constructed with flood resistant materials, utilizing methods and practices to minimize flood damage.

- _____ All new and substantially improved residential structures, including mobile homes and recreational vehicles placed on a site for more than 180 consecutive days, shall have the lowest floor, including the basement, elevated to at least one foot above the base flood elevation. In Firm Zone A-O, the base flood elevation shall be defined as 12 inches above the highest adjacent grade.

- _____ Except as provided for in Section 1.1395 (6) (c), elevation of the lowest floor shall be documented with an elevation survey certified by a Registered Professional Engineer or Land Surveyor. A copy of the elevation certificate shall be submitted to the Planning Dept..

- _____ For all new construction and substantial improvements that are elevated, fully enclosed areas below the lowest floor that are subject to flooding are prohibited, or shall be vented with a minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding. The bottom of all openings shall be no higher than one foot above grade.

- _____ Electrical, heating, ventilation, plumbing and air conditioning equipment and other service facilities shall be designed or located so as to prevent water from entering or accumulating within components during conditions of flooding.

OFFICE USE

Date _____ Fee \$ _____ Receipt # _____
File # _____ Staff Initials _____
Flood Zone _____ Panel # _____
Floodway _____ Flood Fringe _____
Step Backwater Analysis Required _____ (attach)
Value of Proposed Improvement _____
Value of Existing Structure _____
Base Flood Elevation _____ Bench Mark Elevation _____
Required Elevation of Lowest Floor/flood-proofing above
Bench Mark _____



DEPARTMENT OF PLANNING AND DEVELOPMENT

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Development Standards Firm Zones A, A1-30, AO

1. Residential Development

- A. All new residential construction and substantially improved structures, as defined in the Lincoln County Development Code, shall be anchored to prevent flotation, collapse, lateral movement of the structure and shall be constructed with flood resistant materials, utilizing methods and practices to minimize flood damage.
- B. All new and substantially improved residential structures, including mobile homes and recreational vehicles placed on a site for more than 180 consecutive days, shall have the lowest floor, including basement, elevated to at least one foot above the base flood elevation. In FIRM zone A-O, the base flood elevation shall be defined as 12 inches above the highest adjacent grade. Except as otherwise provided in Section 1.1395(5)(c) of the County development code, the elevation of the lowest floor shall be documented with a survey certified by a State of Oregon Registered Professional Engineer or Land Surveyor. For purposes of this Section, an unfinished garage, either attached or detached, may be considered a nonresidential structure.

2. Non-Residential Development – Flood-proofing

- A. New construction and substantial improvement, as defined in the County development code, of any commercial, industrial or other nonresidential structure shall either have the lowest floor, including basement, elevated at least one foot above the base flood elevation, with proper documentation as set forth in 1(B) above, or, together with attendant utility and sanitary facilities, shall:
 - 1) Be flood-proofed such that the structure is substantially impermeable to the passage of water to an elevation at least one foot above the base flood elevation (in FIRM zone A-O, base flood elevation is defined as 12 inches above the highest adjacent grade);
 - 2) Have structural components capable of withstanding hydrostatic and hydrodynamic loads, effects of buoyancy, flood depths, pressures, velocities and other factors associated with the base flood; and
 - 3) Be certified by a registered professional engineer or architect that the standards of this subsection are satisfied.
- B. Notwithstanding the provisions of (A) above, nonresidential structures utilizing flood proofing methods which permit the entry of floodwaters may be authorized provided the following requirements are met:
 - 1) The structure and uses therein shall be of type which have a low flood damage potential (e.g. pole buildings used for parking and storage, unfinished storage buildings, etc.);
 - 2) The contents and interior finish materials of the structure shall be of types which are neither hazardous nor vulnerable to loss under conditions of flooding;

- 3) The structure shall have components capable of withstanding hydrostatic and hydrodynamic loads, effects of buoyancy, flood depths, pressures, velocities and other factors associated with the base flood;
- 4) The structure shall be designed to allow for the automatic entry and exit of floodwaters in accordance with Section 1.1395(6)(g): For all new construction and substantial improvements of non-residential, commercial and industrial buildings, fully enclosed areas below the lower floor that are subject to flooding shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwaters. Designs for meeting this requirement must either be certified by a registered professional engineer or architect, or must meet or exceed the following minimum criteria: A minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding shall be provided. The bottom of all openings shall be no higher than one foot above grade. Openings may be equipped with screens, louvers, or other coverings or devices, provided that they permit the automatic entry and exit of floodwaters.
- 5) Owners of property are hereby notified that placement of a structure below the base flood level will result in increased premium rates for flood insurance up to amounts as high as \$25.00 per \$100.00 of insurance coverage.

3. Mobile Homes and Recreational Vehicles

All mobile homes and recreational vehicles placed for greater than 180 consecutive days shall be placed on a permanent foundation and shall be anchored to resist flotation, collapse and lateral movement by providing tie downs and anchoring as specified in OAR 814-23-065.

4. Utilities

Electrical, heating, ventilation, plumbing and air conditioning equipment and other service facilities shall be designed or located so as to prevent water from entering or accumulating within components during conditions of flooding.

5. Exemptions from Standards

Land may be exempted from the requirements of this subsection upon review and approval by the Director of an acceptable elevation survey, certified by a State of Oregon Registered Professional Engineer or Land Surveyor, which demonstrates that the subject land is at least one foot above the base flood level.

NOTE: THE GUIDELINES LISTED ABOVE ARE GENERAL IN NATURE. APPLICANTS ARE REQUESTED TO REFER TO THE LINCOLN COUNTY DEVELOPMENT CODE FOR COMPLETE REQUIREMENTS.