



## MULTNOMAH COUNTY OREGON

### LAND USE AND TRANSPORTATION PROGRAM

1600 SE 190<sup>TH</sup> Avenue Portland, OR 97233

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[http://www.co.multnomah.or.us/dbcs/LUT/land\\_use](http://www.co.multnomah.or.us/dbcs/LUT/land_use)

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## GRADING AND EROSION CONTROL PERMIT

**CASE FILE: T1-05-044**

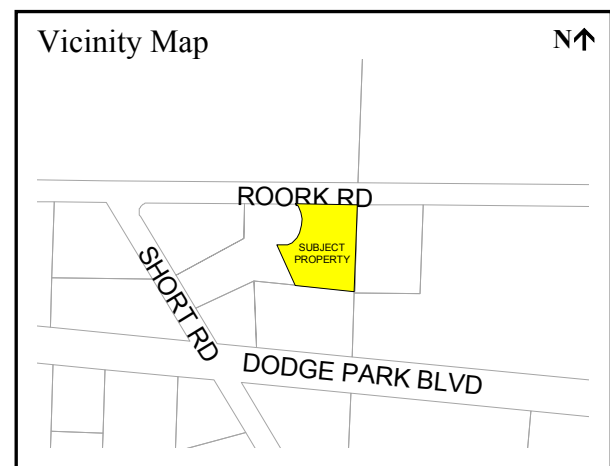
**September 6, 2005**

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**Request:** Grading and Erosion Control Permit application for grading activities associated with a new single family dwelling.

**Location:** 29650 SE Roork Rd.  
TL 102, Sec 19AC, T1S, R4E, W.M.  
Tax Account #R649851980

**Applicant/** Ron Haggerty Inc.  
**Owner:** 33419 SE Brooks Rd.  
Boring, OR 97009



### ORDINANCE REQUIREMENTS:

Applicable standards for this permit can be found in Chapter 29.350-.365, Grading and Erosion Control Code (West of Sandy River Plan Area) of the Multnomah County Building and Specialty Codes, copies of which are available at our office.

### MODIFICATIONS AND LIMITATIONS:

This permit is based on written narrative(s) and plan(s) provided by the applicant (attached). No development shall occur under this permit other than that which is specified within these documents. It shall be the responsibility of the property owner to comply with these documents and the limitations described herein.

### On-going restrictions:

1. Sediment Fencing as shown on the plans included as Exhibit 1.A of this permit shall be installed prior to initiating ground disturbing activity.
2. The Property Owner shall maintain best erosion control practices through all phases of development. Erosion control measures are to include sediment fence on the downslope of all disturbed areas in accordance with the submitted plans included as Exhibit 1.A of this permit. Reseeding at a rate of 100 pounds per acre shall be accomplished as soon as finished grade is established. If hydromulch will be employed it shall be installed at a rate of 2,000 pounds per acre. Straw mulch, erosion blankets, or 6-mil plastic sheeting shall be used as a wet weather measure to provide erosion protection for exposed soils including any on-site stockpiles. Any on-site stockpile shall be limited to the area upslope of the silt fence location shown on Exhibit 1.A. All erosion control measures are

to be implemented as prescribed in the current edition of the *Erosion Prevention Sediment Control Plans Technical Guidance Handbook*, copies of which are available for purchase at our office, or through the City of Portland. **The property owner or representative shall verify that all erosion control measures are properly installed and in working order prior to initiating grading activities.**

3. Drainage of storm water run-off attributed to the new impervious surfaces shall be retained on-site adequately for up to a 10-year/24-hour storm event in accordance with the storm-water certificate stamped and signed by Bruce W. Erickson, a registered professional engineer. Pursuant to Mr. Erickson's recommendations, the applicant will disperse the storm water from the roof in four separate lineal soakage trenches laid in accordance with the manufacturer's instructions in the locations indicated on Exhibit 1.A. Additionally, the site will be graded to create a depression on the southwesterly edge of the property to handle over-land flow.
4. Cut and fill slopes shall not exceed 3:1 as shown on Exhibit 1.A.
5. All fill materials shall be clean and non-toxic. This permit does not authorize dumping or disposal of hazardous or toxic materials, synthetics (i.e. tires), petroleum based materials, or other solid wastes which may cause adverse leachates or other off-site water quality effects.
6. The County may supplement described erosion control techniques if turbidity or other down slope erosion impacts result from on-site grading work. The Portland Building Bureau (Special Inspections Section), the local Soil and Water Conservation District, or the U.S. Soil Conservation Service can also advise or recommend measures to respond to unanticipated erosion effects.
7. The applicant/owner is responsible for removing any sedimentation caused by development activities from all neighboring surfaces and/or drainage systems.
8. On-site disposal of construction debris is not authorized under this permit. Extra spoil materials not used for re-filling shall be taken to a location approved for the disposal of such material by applicable Federal, State and local authorities.

**Prior to any land disturbing activities:**

9. **Before initiating grading work, the applicant/property owner shall post the attached erosion control permit notice in locations along the property that are clearly visible from the road. This notice is to remain posted until such time as the grading work is completed.** In the event this notice is lost, destroyed, or otherwise removed prior to completion of the grading work, the property owner shall immediately contact the Land Use Planning Office to obtain a suitable replacement.
10. Sediment fencing in the locations shown on Exhibit 1.A shall be properly installed (toed-in) prior to work beginning site disturbing activities on the property. Additional erosion control measures shall be placed and constructed as soon as practicable during all phases of construction.
11. The filter fabric for the sediment fence shall be purchased in a continuous roll cut to the length of the barrier to avoid use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and both ends securely fastened to the post, or overlap 2"x2" posts and attach as shown on detail sheet in Exhibit 1.A. The filter fabric fence shall be installed to follow the contours where feasible. The fence posts shall be spaced a maximum of 6

feet apart and driven securely into the ground a minimum of 24 inches. The filter fabric shall have a minimum vertical burial of 6 inches. All excavated material from filter fabric fence installation, shall be backfilled along the entire disturbed area and compacted along the entire disturbed area.

12. Standard or heavy duty filter fabric fence shall have manufactured stitched loops for 2"x2" post installation. Stitched loops shall be installed on the up hill side of the sloped area.
13. Filter fabric fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently protected and stabilized.
14. Filter fabric fences shall be inspected by applicant/contractor immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.

**Follow up requirements after grading:**

15. All disturbed areas are to be seeded or planted as soon as possible. Reseeding should be accomplished at a rate of 100 pounds per acre or hydromulch should be employed at a rate of 2,000 pounds per acre.

**Exhibits submitted by the Applicant**

- Exhibit 1.A: Site plan and storm drain designs
- Exhibit 1.B Drainage Certificate stamped by Bruce W. Erickson, PE, dated 7-05-05
- Exhibit 1.C Narrative Prepared by Firwood Design Group, LLC including grading calculations

**Exhibit submitted by Staff**

- Exhibit 2.A: Memo regarding grading the right-of-way

**Issued by:**

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Signed: Tammy Boren-King, AICP,  
Planner  
For: Karen Schilling - Planning Director  
Date: Monday, September 12, 2005