



MULTNOMAH COUNTY
LAND USE AND TRANSPORTATION PROGRAM
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http://www.co.multnomah.or.us/dbcs/LUT/land_use

GRADING AND EROSION CONTROL PERMIT

CASE FILE: T1-04-017

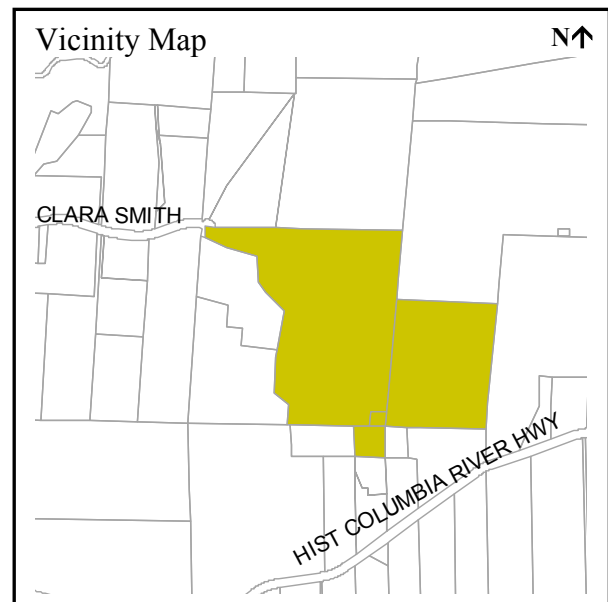
October 7, 2004

Request: Grading and Erosion Control Permit application for grading activities associated with the construction of a septic system. The improvements covered by this permit are listed under the Scope of Approval section of this decision.

Location: 1601 NE Crestview Lane
TL 100, Sec 26DD, T1NR4E, W.M.
Tax Account #R944260180

Applicant: Dennis Chance
Crestview Manor Conference Center
P.O. Box 132
Corbett, OR 97019

Owner: International Church of the Foursquare
Attn: Sammy Jamison
1910 W. Sunset Boulevard, Suite 200
Los Angeles, CA 90026-0176



ORDINANCE REQUIREMENTS:

Applicable standards for this permit can be found in Chapter 29.300 et seq., Grading and Erosion Control Code of the Multnomah County Building and Specialty Codes, copies of which are available at our office.

SCOPE OF APPROVAL:

The following is an outline of the new primary treatment system components whose installation is covered by this Grading and Erosion Control permit.

Dining Hall at the Manor -Segregate kitchen plumbing to isolate the primary unaltered grease source ie-wash sink). Route this source to an automatic grease removal system (e. g., appropriately sized Big Dipper unit) prior to piping to an external grease interceptor tank. Route the other kitchen sources to a separate grease interceptor tank. A custom Waite Concrete Products two-compartment 3,000-gallon pre-cast concrete grease interceptor tank is proposed to serve each described function;

The Manor and the Cove -A pair of 3,000-gallon Waite Concrete Products pre-cast concrete septic tanks is proposed to serve the primary treatment needs of these buildings. These tanks are proposed to be plumbed in series and will serve as "trash tanks" to remove readily clarified solids;

Sunset House -A single 3,000-gallon Waite Concrete Products pre-cast concrete septic tank is proposed to serve the primary treatment needs of this building;

Chapel- A single 3,000-gallon Waite Concrete Products pre-cast concrete septic tank is proposed to serve the primary treatment needs of this building;

Columbia House, Manager's Residence, and Caretaker's Residence- Replace existing tanks, as necessary, with 1,500-gallon Waite Concrete Products concrete septic tanks.

Central Conditioning Tank Assembly- Co-mingle and condition the effluent from all sources through a co-mingle/surge tank assembly. Four 3,000-gallon Waite Concrete Products pre-cast concrete septic tanks are proposed. The first tank will be plumbed in series with the other three, which will be parallel to one another. Each second stage tank will each be equipped with an effluent filter and flow-modulating orifice;

Dosing Tank- A 3,000 Waite Concrete Products pre-cast concrete tank is proposed to serve as the dosing tank. The normal working zone will be biased toward the bottom of the tank to maximize the reserve capacity above the high level alarm in the event of an equipment malfunction or power failure. The tank will be equipped with a duplex pump assembly;

-Approximately 2,000 linear feet of 4-inch gravity effluent sewer; and

-Approximately 1,400 linear feet of 2-inch pressure effluent sewer.

The installation of approximately 6,400 linear feet of drainfield is proposed (assuming trenches installed a minimum of eight feet on center). Pressure-assisted distribution (hydrosplitters) will be used to divide the flows proportionately between cells in the drainfield. Serial distribution is proposed within the cells. OAR 340-7 1-520 requires that drainfields for large systems be divided into cells that receive no more than 1,300 gallons per day. The minimum number of cells for the larger flow projection would be 14. A total of 16 cells, each containing 400 linear feet is proposed.

Fill- The designated fill site is the desired location for placement of excess spoils from the tank excavations. As described in Detail 2 of Sheet M-2 of the construction drawing, the fill slope will be no steeper than 3:1 (horizontal:vertical). Selected topsoil spoils will be used to fine-grade areas within the established lawns that are mowed regularly to provide a more uniform surface (reduce bumps, dips, etc.)

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. The property owner shall maintain best erosion control practices through all phases of

development. Erosion control measures are to include the installation of sediment fences/barriers at the toe of all stockpiled materials and in all locations indicated on the site plan attached as Exhibit A, a gravel construction entrance, the preservation of on-site vegetation to the maximum extent practicable and post construction re-establishment of permanent ground cover. Straw mulch, erosion blankets, or 6-mil plastic sheeting shall be used as a wet weather measure to provide erosion protection for exposed soils that will remain undisturbed more than 14-days. Wet weather is defined as October 1 – May 1. 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.

2. No earthen materials are to be stockpiled on site for more than 14 days except in the designated fill site as shown on Exhibit A. The designated fill site shall be covered with 6-mil plastic sheeting or equivalent overnight and when not actively being disturbed from October 1- May 1. Finished slopes in the designated fill site are not to exceed a slope of 3:1 as shown in the detail sheet attached as Exhibit B.
3. On-site disposal of construction debris is not authorized under this permit. This permit only allows the importation of crushed gravel and materials necessary to construct the septic system. Spoil materials removed off-site shall be taken to a location approved for the disposal of such material by applicable Federal, State and local authorities. This permit does not authorize dumping or disposal of hazardous or toxic materials, concrete, synthetics (i.e. tires), petroleum-based materials, or other solid wastes which may cause adverse leachates or other off-site water quality effects.
4. The property owner is responsible for removing any sedimentation caused by development activities from all neighboring surfaces and/or drainage systems.
5. 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.

Prior to any land disturbing activities:

6. The property owner shall verify that all erosion control measures are properly installed and in working order prior to initiating grading activities.
7. **The applicant must pay the \$75.00 inspection fee (MCC 29.348) and obtain an erosion control permit notice sign from the County. The sign is to be posted at the driveway entrance at Crestview Lane in a clearly visible location (print towards Crestview Lane). This notice is to remain posted until such time as the grading work is completed.** In the event this sign is lost, destroyed, or otherwise removed prior to the completion of the grading work, the applicant shall immediately contact the Land Use Planning Office to obtain a suitable replacement.
8. Prior to commencing ground disturbing activity, the applicant is to arrange a site inspection with the County Planning Department in order to inspect erosion control measures to ensure they are installed correctly.

Follow up requirements after grading:

9. All disturbed areas other than the designated fill site are to be seeded or planted within seven (7)

days of the date grading activities are concluded.

10. The designated fill site shall be stabilized and covered with a sufficient amount of clean $\frac{3}{4}$ inch minus gravel to ensure the finished area is protected from on-going erosion.
11. The applicant is to arrange a post-construction site visit with the County Planning Department as soon as disturbed areas are reseeded.
12. **Once construction is finished, the applicant shall submit a statement certifying that all work has been completed pursuant to the referenced specifications. No cut or fill slopes over 3:1 (H:V) shall be created.**

Issued by:

Signed: Tammy Boren-King, Planner
For: Karen Schilling - Planning Director

Date: Thursday, October 07, 2004