



# Connecting to the Grand Mound Water and Sewer System

February 2007

## A Guide for Subdivisions

Congratulations on developing your property in Grand Mound! The Thurston County Water and Sewer System is ready to serve you as you build your home in a subdivision. This document outlines the steps necessary to connect to the system.



### Sewer Service

By the time you build your house in a subdivision, the developer will have:

- ▶ Installed a pipeline from your lot out to the main sewer line.
- ▶ For vacuum systems, supplied and installed the AirVac vacuum pit, sump, valve and all associated hardware for vacuum sewer connections. (See Fig No: SS-24 for vacuum installation requirements.) There should already be a 4" gravity line stubbed out of the sump with a sanitary tee and air vent above grade as shown in FIG NO: SS-24.
- ▶ For gravity systems, supplied and installed the entire lateral service for gravity sewer connection. (See the attached FIG NO: SS-06 for gravity installation requirements.) Typically, developers install the lateral service to the property line and then cap and mark the end.

#### See the Standards

All water and sewer connections must be built according to Thurston County Department of Water and Waste Management Water and Sewer Standards. The standards are available in the "Engineering Standards" area of [www.co.thurston.wa.us/wwm](http://www.co.thurston.wa.us/wwm) or by calling 357-2491 ext. 6888.

As the homebuilder, you or your contractor are required to do the following:

- ▶ If you have a vacuum system, you must relocate the air vent next to the building and replace it with another cleanout as shown in FIG NO: SS-23.
- ▶ If you have a gravity system, install a 4" line and connect to the 6" lateral using a reducer. You must also install an additional 4" sanitary tee (or wye) two to three feet from the building (see FIG NO: SS-06).
- ▶ Make sure that the area around the sewer connection to the building is exposed so that the Department of Water and Waste Management technician can inspect the connection to make sure it is sound.
- ▶ Call the Voice Permit System, Automated Inspection Line at (360) 786-5489 to request an inspection.

**The Department of Water and Waste Management will schedule utility work only after all fees are paid to the Thurston County Permit Assistance Center and a copy of the Building Permit Application has been routed to the Department of Water and Waste Management.**

# Connecting to the Grand Mound Water and Sewer System...continued

## Water Service

By the time you build your house in a subdivision, the developer will have:

- ▶ Built a pipeline from your dwelling out to the meter box, following required engineering standards.
- ▶ Arranged for Thurston County to install a water meter. The meters are SENSUS SR II touch-read style meter, measured in cubic feet for billing purposes.

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**For more information**  
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Information about engineering standards for connecting to the Grand Mound Water and Sewer System  
are available on [www.co.thurston.wa.us/wwm](http://www.co.thurston.wa.us/wwm). For questions about connecting meters or scheduling  
inspections, please call Steve Jett at (360) 754-3355 ext. 6511 or e-mail [jetts@co.thurston.wa.us](mailto:jetts@co.thurston.wa.us).  
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