

**SERVICE CONNECTION DRAWING  
INSTRUCTIONS**

**A1**

# SERVICE CONNECTION DRAWING INSTRUCTIONS

1. Fill in the appropriate data in the areas shown on the Service Connection Drawing form. The areas shown as **(LEAVE BLANK)** are for District personnel to complete. The Engineer or their representative will fill in, as appropriate, all of the other areas.
2. Sketch  
The sketch is used by our personnel; the Plumbing department and home builder's to find the service lateral. The location is tied to physical objects in the field. This assures that the lateral can be located before and after construction is completed.

A signed engineers stamp is required on all service connection drawings.

## SANITARY SEWER

Show the service lateral with distance references from the end of the lateral to two (2) permanent points, i.e. property corners, buildings, sewer manholes, catch basins, water meters, CATV pedestals, light poles and power poles. Also include street names, curb, edge of pavement, upstream and downstream manhole designations, north arrow and scale.

Provide the station of the nearest down stream manhole, stations of connection, linear feet at sanitary lateral and depth from ground on the sketch.

Example:     STA 1+69                             1+69  
               35 LF                             or     35 LF  
               10.5' Deep                         D=10.5'

We prefer to have this data shown only on the lot that is provided. Do not show connection data on multiple lots.

## ***STORM DRAIN*** ®→

Show the storm drain including manholes, catch basins, mainline and laterals in the background (screened) on the drawing. Provide a ®→ symbol to show the location of the outlet to the roof drain. Provide a station for the Storm Drain Lateral or a dimension reference to a physical object to locate the end of the lateral. Complete the table on the bottom right to indicate the location of the roof drain on the building site. It is acceptable to position the roof drain table in other locations on the connection record.

INSTRUCTIONS – Page 2

The Engineer checks at least one of the boxes in the Roof Drain Table:

## **ROOF DRAIN ®→**

- CURB**
- SERVICE LATERAL** Depth \_\_\_\_\_
- VEGETATED FACILITY**
- INFILTRATION SYSTEM**
- CONTACT PLUMBING**

- CURB** (No pipe lateral is provided)  
It is not necessary to show where the roof drain is planned for the curb. If the roof drain is planned to exit the site through a curb, the box should be checked and the ®→ location is **NOT** required.
- SERVICE LATERAL** (Include the size of the roof Lateral)  
Show the location of the service lateral where the home builder connects. The box should be checked and the ®→ location shown at the termination of the service lateral. Include the depth at the termination on the line provided.
- VEGETATED FACILITY**  
Show the location where the service lateral is to drain into a wetland, pond, swale, or stream. The box should be checked and the proposed ®→ location shown. The contact plumbing department box should also be checked.
- INFILTRATION SYSTEM**  
This box should be checked if the subdivision design specifies an infiltration system. This includes the following methods of roof drain connections: soakage trenches, infiltration chambers, and other approved subsurface infiltration systems. Include the required dimensions and proposed location of the system, using the ®→ symbol. If the system is designed to have an overflow connection to a service lateral, BOTH boxes should be checked.
- CONTACT PLUMBING DEPARTMENT**  
The home builder is responsible for receiving Plumbing Department approval when this box is checked.

All storm drainage and conservation easements on or adjacent to the residential lot must be shown on the Service Connection Drawing.

The home builder is responsible for receiving Plumbing Department approval for all roof drain connections.



# CLACKAMAS COUNTY SERVICE DISTRICT NO. 1

## SERVICE CONNECTION DRAWING

### DISTRICT SEWER MAIN \_\_\_\_\_

**SITE DESCRIPTION (DISTRICT USE ONLY)**

ADDRESS _____ TAX LOT # _____ PERMIT# _____	<p style="text-align: center;"><b>ROOF DRAIN</b> →</p> CURB SERVICE LATERAL Depth _____ VEGETATED FACILITY INFILTRATION SYSTEM CONTACT PLUMBING
---	---

**SERVICE DESCRIPTION RECORD PREPARED BY** \_\_\_\_\_

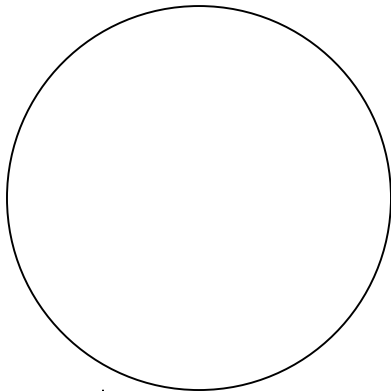
SUBDIVISION \_\_\_\_\_ LOT \_\_\_\_\_ LOT AREA \_\_\_\_\_ Sq. Ft.

SERVICE SIZE \_\_\_\_\_ PIPE MATERIAL \_\_\_\_\_ DEPTH @ P/L \_\_\_\_\_

MAIN SIZE \_\_\_\_\_ STATION \_\_\_\_\_ DISTANCE TO D/S MANHOLE \_\_\_\_\_

LOCATION AND DEPTH OF TEE AT PROPERTY LINE WAS ESTABLISHED BY:

OWNER \_\_\_\_\_ OCCUPANT \_\_\_\_\_ INSPECTOR \_\_\_\_\_ PROJECT ENGINEER \_\_\_\_\_ CONTRACTOR \_\_\_\_\_



**Engineer's Stamp**

Expiration Date