



Return to:
Clackamas Water Environment Services
150 Beaver Creek Road, #430
Oregon City OR 97045

CONNECTION DRAWINGS

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 downstream 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.

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

ROOF DRAIN ®→
<input type="checkbox"/> CURB
<input type="checkbox"/> SERVICE LATERAL Depth _____
<input type="checkbox"/> VEGETATED FACILITY
<input type="checkbox"/> INFILTRATION SYSTEM
<input type="checkbox"/> 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 at the termination of the service lateral where the homebuilder connects. The storm service lateral should be located at least 10 feet from the sanitary lateral. The box should be checked and the ®→ location shown.
- 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.
- 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.

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 WATER ENVIRONMENT SERVICES - SERVICE CONNECTION DRAWING

SITE DESCRIPTION (DISTRICT USE ONLY)

NAME _____	PERMIT # _____
ADDRESS _____	_____
_____	_____
TAX LOT # _____ BASIN _____ D/S _____	_____

SERVICE DESCRIPTION

RECORD PREPARED BY _____

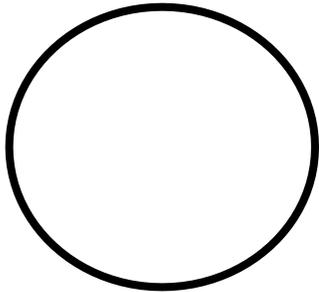
SUBDIVISION _____ LOT _____ LOT AREA _____ Sq. Ft.

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

ROOF DRAIN ®→
<input type="checkbox"/> CURB
<input type="checkbox"/> SERVICE LATERAL Depth _____
<input type="checkbox"/> VEGETATED FACILITY
<input type="checkbox"/> INFILTRATION SYSTEM
<input type="checkbox"/> CONTACT PLUMBING