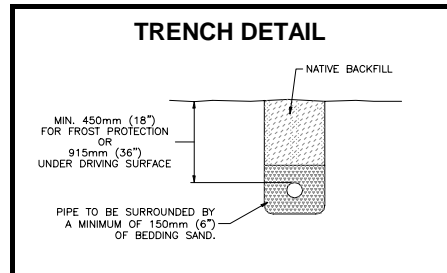
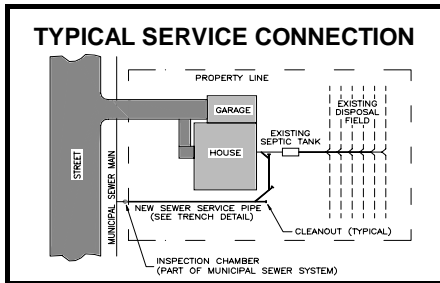
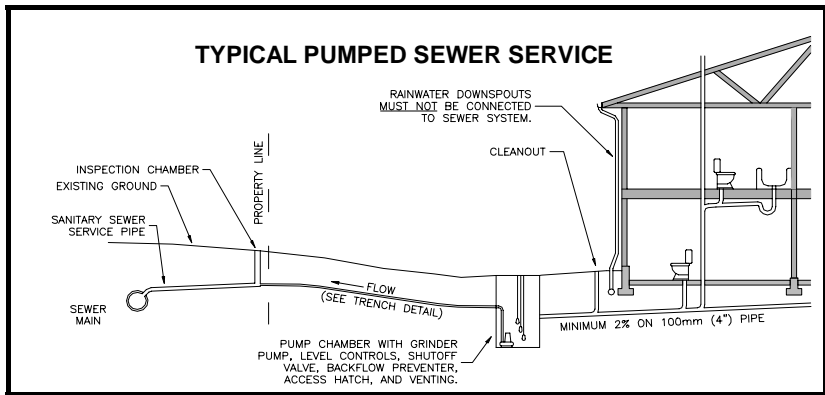
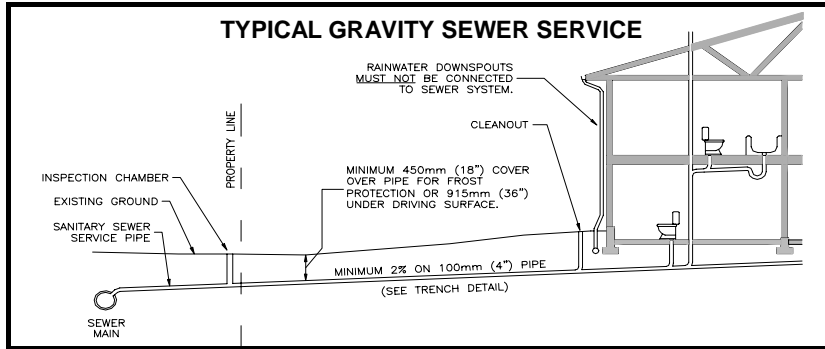


SINGLE FAMILY RESIDENTIAL SEWER CONNECTION



Municipal Sewer System Connection

Guide for Single Family Residential Sewer Connections



This brochure is meant for guidance only and is not a substitute for Bylaws

BUILDING INSPECTION DEPARTMENT
 2205 Otter Point Road
 Sooke, B.C. V0S 1N0
 Phone: 250-642-1634
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 Email: development@district.sooke.bc.ca

Municipal Sewer System Connection



Guide for Single Family Residential Sewer Connections

GETTING STARTED

The District of Sooke has prepared this guide for your convenience to assist you with your sewer service hookup.

- Select a qualified plumber or sewage excavating contractor.
- Apply to the District of Sooke for a plumbing permit. There is no permit fee.
- Plan your connection carefully. You will not be able to use your plumbing system during the installation and testing of the service connection. The building inspector must inspect and verify the test for your new system to ensure long term reliability. It is very important that you coordinate with your contractor and the building inspector to minimize your inconvenience.
- No roof drainage or storm drainage of any kind is allowed to be connected into the municipal sewer system.
- Inspectors are available for test verification from 10:30 AM to 12:00 Noon and from 2:00 PM to 3:30 PM Monday to Fridays excluding holidays.

SPECIFIC REQUIREMENTS

- Obtain a plumbing permit and determine the location and depth of the municipal service connection stub.
- All piping and fittings must be certified to CSA B182.1 standards.
- All piping must be installed according to the requirements of the 1998 B.C. Plumbing Code. This includes a water test with a 10 ft. head or an air test of 5 psi.
- The sewer pipe must be installed with a minimum grade of 2% on 100 mm (4") pipe or 1% on 150mm (6") pipe in the direction of flow and must be fully surrounded by a minimum of 6" of bedding sand.
- Sewer pipe shall have a minimum frost cover of at least 18" of soil and a minimum cover of at least 36" of soil under driving surfaces or as required by the District of Sooke Building Inspector.
- Where a portion of the home can be drained by gravity then a gravity system shall be installed. Only those levels that must be pumped shall be pumped.
- Your plumber must install a cleanout at the point where the building sewer leaves the building. Additional cleanouts must be installed at every change in direction of 45 degrees or a cumulative distance of 85 feet.
- Arrange to have the existing septic tank pumped by a licensed septic disposal contractor. Retain your receipt and provide it to the plumbing inspector at the time of inspection.
- Remove the septic tank or make a hole at the bottom of the tank and fill the tank completely with sand. The Municipal sewage system is designed to accept raw sewage only directly from your house.
- The District installed an inspection chamber at the property line when the sewer system was constructed. Make your connection to this municipal inspection chamber. The purpose for this inspection chamber is to facilitate the cleaning of the service connection on municipal property.
- Sewage sump pumping systems shall be designed to accommodate the expected flows and pressures.
- Trenches exceeding 4 feet in depth must be shored to the requirements of the Workers Compensation Board of British Columbia. Contrac-

tors or employees of the District of Sooke will not enter a trench that is deemed to be unsafe.

- Your plumber must prepare as-built drawings and submit them to the plumbing inspector at the time of the inspection.

WHO DO I CALL IF I HAVE QUESTIONS?

If you have any questions regarding location and depth, please contact the Engineering Department at 642-1634.

If you have any questions regarding plumbing code requirements for sewer service installation on private property, contact the Building Inspection Department at 642-1634.

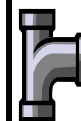
WHAT DO I DO IF I EXPERIENCE SEWAGE BACKUP?

Have your plumber remove the lid to the inspection chamber and see whether there is any sewage in the inspection chamber. If there is no sewage flow observed, then the blockage must be between the inspection chamber and the home, thus the property owner's responsibility. If the inspection chamber is filled with effluent contact EPCOR at 642-0151 for assistance. EPCOR is the company maintaining the sewage system for the District of Sooke

GENERAL NOTES:

- All pipes must be CSA approved.
- 2% minimum slope on 100 mm (4") pipe
- 1% minimum slope on 150 mm (6") pipe
- All trenches must be backfilled so that the sewer pipe is surrounded in a minimum of 150 mm (6") of bedding sand.

December 9, 2004



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