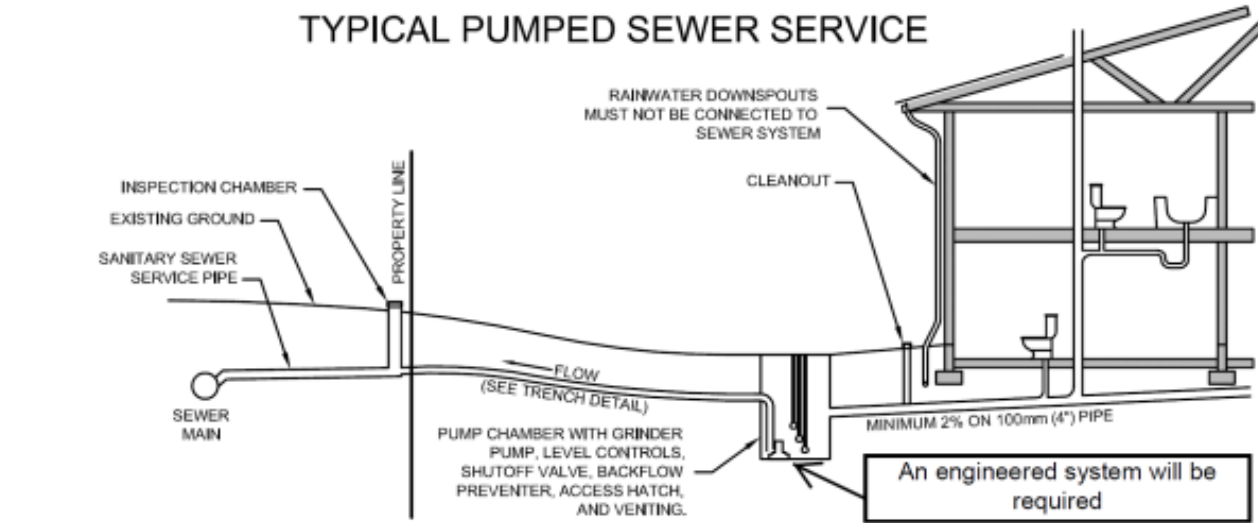
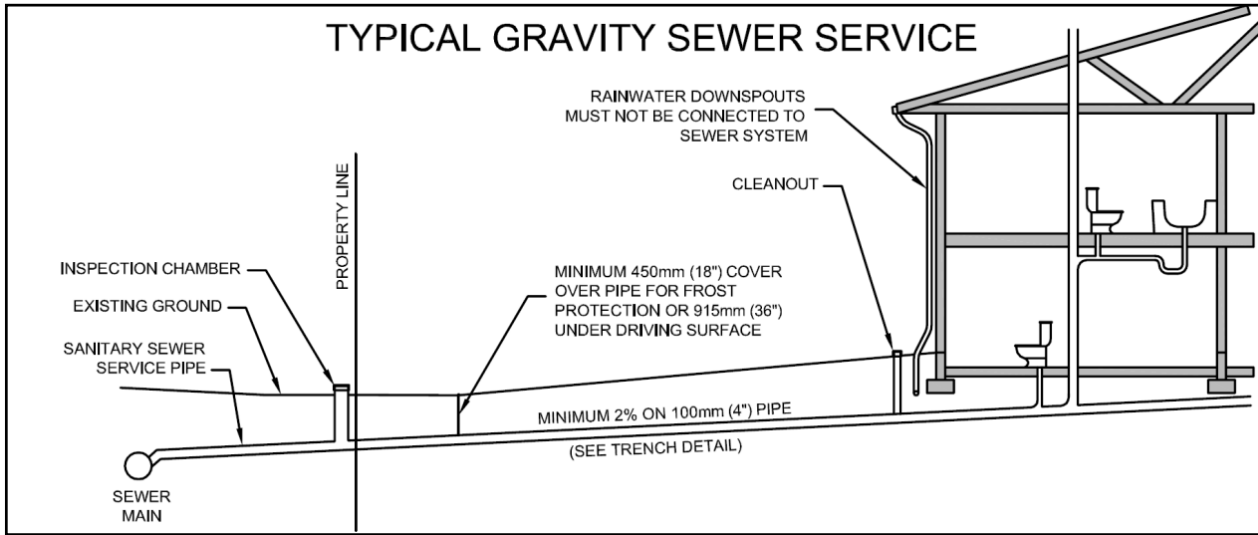


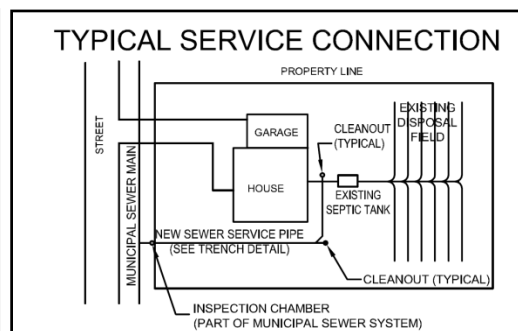
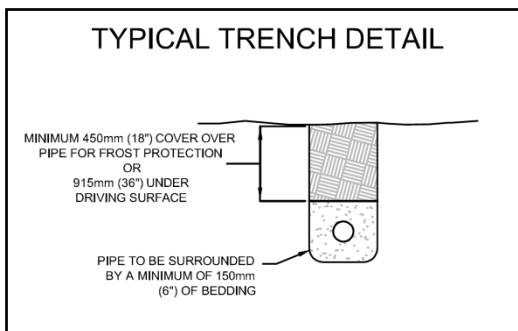
DISTRICT OF SECHULT
 -
DEPARTMENT OF ENGINEERING
 -
Sanitary Sewer Connections



District of Sechelt Subdivision and Development
Control Servicing Standards

Bylaw No. 430, 2003

Updated: March 2019



The sanitary sewer connection must be built to the specifications outlined in Sechelt Bylaw 430 and the BC Building Code. These have been streamlined and simplified in this document; however any discrepancies shall be superseded by the BC building code and Bylaw 430

Getting Started

The District of Sechelt has prepared this guide for your convenience to assist you with your sewer service hookup. You will be required to:

- Select a qualified plumber or sewage excavating contractor.
- Apply to the District of Sechelt for a sewer connection.
- 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 and call for required inspections.
- Ensure the proper connection is made. No roof drainage or storm drainage of any kind is allowed to be connected into the municipal sanitary sewer system.

Connection to the gravity line:

The following criteria must be conserved and met when applying for a sanitary sewer connection:

- Complete a sewer service application and determine the location & 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 2012 B.C. Plumbing Code. This includes a water test with a 3.0m (10ft) head from grade to top of the vertical section of the test pipe
- The sewer pipe must be installed with a minimum grade of 2% on 100mm (4") pipe or 1% on 150mm (6") pipe in the direction of flow and must be fully surrounded by a minimum of 100mm (4") of bedding sand.

- Sewer pipe shall have a minimum frost cover of at least 450mm (18") of soil and a minimum cover of at least 915mm (36") of soil under driving surfaces or as required by the District of Sechelt 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 of a cumulative distance of 26m (85ft).
- Arrange to have the existing septic tank pumped by a licensed septic disposal contractor. Retain your receipt and provide it to the building 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.
- Sewerage sump pumping systems shall be designed to accommodate the expected flows and pressures.
- Trenches exceeding 1.22m (4ft) in depth must be shored to the requirements of the Workers Compensation Board of British Columbia. Contractors or employees of the District of Sechelt will not enter a trench that is deemed to be unsafe.

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

Who Do I Call If I Have Questions?

If you have any questions regarding location and depth, please contact the Development Engineer at 604-885-1986. If you have any questions regarding plumbing code requirements for sewer service installation on private property, contact the Building Inspection Department at 604-885-1986

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 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 Sechelt Public Works at 604-885-1986

General Notes

- All pipes must be CSA approved.
- 2% minimum slope on 100mm (4") pipe
- 1% minimum slope of 150mm (6") pipe
- All trenches must be backfilled so that the sewer pipe is surrounded in a minimum of 150mm (6") of bedding sand.
- Fill a sewer service application, either on site or online
- Hire your own contractor to complete the works
- Contact the Building Inspectors for an inspection prior to tying into sanitary sewer

**An engineered system will be required.