

PRIVATE SEWER LATERAL REGULATIONS

***This document is intended to act as a guide. Inspections and sewer acceptance will be based on local plumbing code and City regulations at the time of inspection. Always check plumbing code for updates and more in-depth details.**

A permit is required. Only the homeowner or a licensed contractor can pull a permit.

Private sewer laterals extend from the structure to the edge of the Right-of-way for sewer mains locate in the street. For backyard sewer mains, the private lateral extends from the structure to the edge of the public sanitary sewer easement (contact the Engineering Department at 503-434-7312 for information regarding the easement). Sewer laterals within the Right-of-way, or within the public sanitary sewer easement of a backyard sewer main, are public and require a licensed contractor to do the work. Contact the Engineering Department at (503)434-7312 if work is needed on the public portion of the sewer lateral.

A 2-way cleanout must be located within 5 feet of house (the minimum diameter depends upon size of pipe exiting the building foundation). There shall be a cleanout for every 100 feet of pipe or every 135° change of horizontal direction. (Standard Detail 22)

One foot distance between two 45° bends minimum. No 90° bends.

Three inches minimum of bedding material. Three-inch pipe minimum size outside of house. Cast iron, ABS or PVC DWV pipe is required within 5 feet of the building. (Standard Detail 9B)

The backfill material should be three-quarter inch (3/4"-0) crushed rock to the top of the pipe. Above the pipe can be native material outside of hard surfaced areas. In areas of hard surface (concrete, asphalt, etc.) the trench must be backfilled with three-quarter inch (3/4"-0) crushed rock to the depth of the hard surface material. (Standard Detail 9B)

Roof and foundation drains are not to be hooked to sanitary sewers. Roof and foundation drains may run as individual lines or connect to each other. If connected together, an accessible back-water valve shall be installed.

Pipe shall be laid as straight as possible with approved materials and fittings. All non-metallic sewer pipe shall have any electrically conductive insulated copper tracer wire (minimum 14-gauge) installed in the trench for locating the pipe in the future. Color of the insulated coating shall be green.

All plastic pipe must be connected with approved factory materials and installation procedures.

All joints and connections shall be water tight.

No cementing of plastic pipe to other types of pipe.

For licensed contractors, any trenching over 5' deep requires shoring or benching per Occupational Safety and Health Administration (OSHA) standards. Refer to OSHA for more details. While not required by private individuals, it is recommended to use extreme caution in deep trenching situations.

All sewer line work must be inspected after proper bedding and prior to backfilling (new, and repairs) by Engineering or Building Division personnel. No sewer inspections shall be performed until the building footing is formed.

All lines must be laid at a minimum 2% (1/4" per foot) grade to maintain a good flow. 1% (1/8" per foot) minimum may be approved by the Building Official if 2% is impractical and the pipe size is a minimum of 4-inch.

An air or water test required prior to backfill.

City of McMinnville Standard Details listed above can be found at:
<https://www.mcminnvilleregon.gov/engineering/page/construction-standards>

All variances must be cleared through the Building Department. If you have any questions, please do not hesitate to call this office at (503) 434-7314. For information on location of underground utilities in McMinnville please contact 811. If you have any questions on the location of Storm or Sanitary Sewer you may call the City Engineering Department at (503) 434-7312.