

Snake River Wastewater Utility

Sewer Service Specifications

(Installation Period: May 1st through October 31st)

Piping

All sewer services shall be constructed utilizing 4-inch rubber-gasketed SDR 35 PVC piping and fittings. Glued fittings and 90° fittings are not acceptable; however, it is preferred to connect the service piping to the building drain piping with an SDR35 by Sch40 glue fitting (coupler, 22 ½° or 45°).

Bedding

¾" washed rock from any supplier or 1" screened rock from L G Everist are the only bedding materials approved. Any other material will require special approval and testing at installer's expense.

Clean Soils – Very few and small < 2" diameter rocks

At least 4" below pipe and 6" to 8" on sides and above pipe

Rocky Soils - > 2" diameter rocks

At least 6" below pipe and 8" to 12" on sides and above pipe

Pipe Laying

Pipe shall be laid in bedding that is placed on undisturbed or totally compacted native soil with the bell (female) ends oriented uphill.

Service lines shall have a slope of at least 2% (1/4" per foot). In certain cases, a 1% (1/8" per foot) slope will be acceptable. Piping shall be laid with a uniform slope with no dips or sags that can potentially cause pooling or standing water within the pipe.

When connecting a new service line to an existing stub or making service line repairs, only solid sleeve type couplers will be acceptable.

Pipe Depth

Snow Removal Areas – (i.e. under driveways) A minimum of **9 feet** is required.

Non-Snow Removal Areas – A minimum of **6 feet** is required.

If these minimum depths cannot be maintained due to factors beyond the installer's control, insulation will be required to help prevent potential freezing of the service piping.

Please see next page.

(revised 11/23/2015)

Cleanouts

The International Plumbing Code section 708.3.5 requires a building drain and building sewer junction clean-out. The Snake River Wastewater Utility prefers that this clean-out be installed at the inside of the dwelling per code. If this cannot be achieved in compliance with the above code, then it is allowed to be installed at the exterior. If installed at the exterior, the clean-out shall be Schedule 40 drain pipe and installed as close to the structure as possible. It shall not be installed in a driveway and it shall have a threaded access cap that is tightened securely. Please contact the Summit County Building Department with any plumbing code questions at 970-668-3170.

Winter Installation

Should it become necessary to install or work on sewer services during the winter months, the following guidelines must be addressed to ensure the best possible installation:

1. No frozen bedding or frozen soil for backfill.
2. Keep unfrozen excavated material separated.
3. To avoid brittle pipe, gaskets and fittings the material should be kept inside/warm prior to installation, not left onsite overnight in the subzero temps.
4. Ground heater should be used or unfrozen imported backfill needs to be brought in to replace the frozen excavated material.
5. One service at a time should be done - unless it's a common trench - and completed/backfilled prior to moving onto the next. The trench should not be left open overnight.
6. Extension of the services should be done on good weather days not in a snow storm or severe cold snap.
7. All backfill and compaction should be observed by the SRWWTP inspector.
8. All work needs to be coordinated with the SRWWTP inspector.