

RAFTER J IMPROVEMENT AND SERVICE DISTRICT
2951 Big Trail Drive, Jackson, WY 83001
Phone: 307-733-5262, Fax: 866-748-1908
Email: RafterJ@onewest.net website: www.RafterJ.org

Private Water Service Line Specifications

Private Water Service Lines – Each Lot owner is responsible for the water service line beginning at the curb stop (valve near the street) and extending to their house. The District's portion of the water service line extending from the water main through the curb stop valve has been replaced. If your existing water service line is galvanized steel pipe you should have received a notice from the District to replace the pipe. If your pipe is plastic or copper and "failed" to hold pressure, you should have received a notice from the District to replace or repair the line. Road and driveway repairs required to repair or replace the private sewer service line are the Lot owner's responsibility.

Construction

The private water service replacement will normally involve connecting to the new curb stop (valve) near the street and extending the line to the water meter assembly under your house. The curb stop valves at the street are normally 1" diameter (some Townhome lines are ¾" diameter). Transition couplings will be required to connect to the existing piping in the house.

Water line installations shall conform to the Wyoming Public Works Standard Specifications, 2001 Edition. (Contact the Wyoming Contractor's Association at 307-632-0573 to obtain a copy.)

Water service lines with either less than 6 ft of soil cover or that cross driveways should be insulated. A locator wire should be attached to the new water service line. See the Water Service Detail and Typical Water Trench Detail. Trenches shall be compacted to prevent settlement. Please reference the Rafter J website for street patching and overlay specifications and details.

The private water service line must be properly pressure tested and disinfected. For the pressure test, the line will be pressurized with water and the curb stop will be closed. To pass the test, the private water service line must hold the pressure with no more than a 1 psi drop during a 15-minute test. The pipe installation must be observed by the District prior to backfilling the trench. The District must also witness the pressure test after the pipe installation is completed. You are responsible for contacting the District (Chuck McCleary at 307-733-5262) to schedule the inspections.

Water Service Material Specifications

Water Service Pipe: Polyethylene (PE) pipe, Class 200, SIDR 7 (Interior Diameter Controlled – Iron Pipe sized), conforming to AWWA C-901.

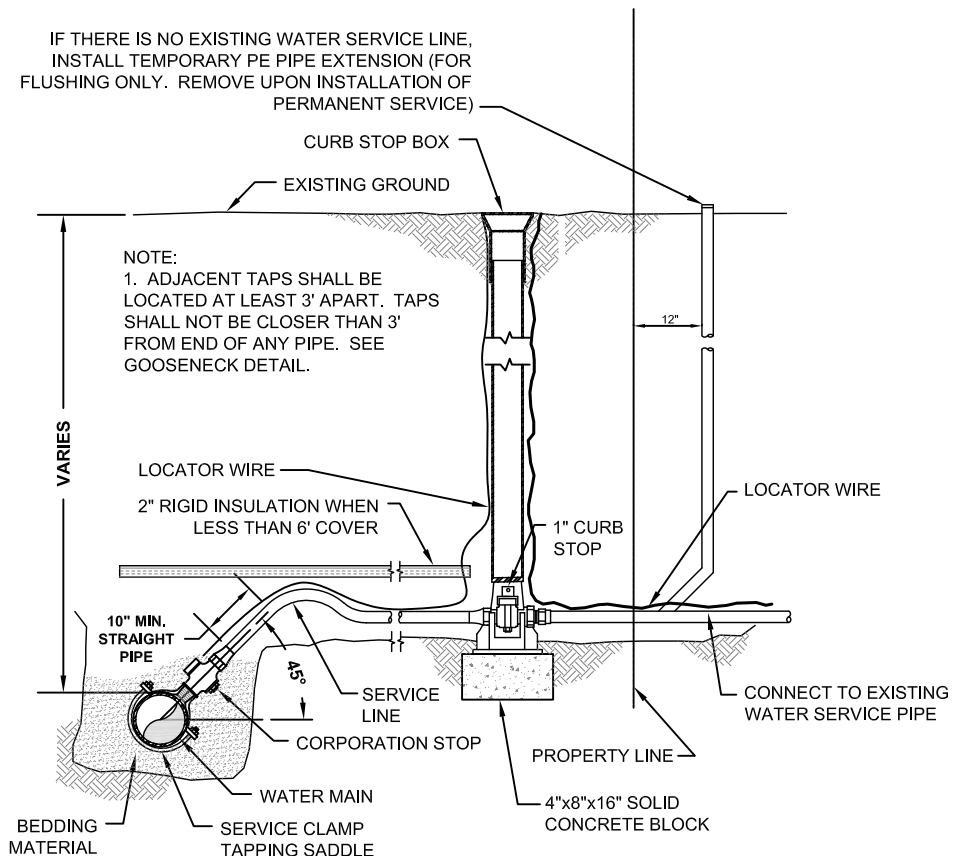
Couplings / Fittings: Bronze fittings with PE pack joints, compression couplings with insert stiffeners correctly sized for the pipe.

Locator Wire: 12 AWG - USE or RHH.

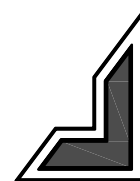
Insulation: High Density, Extruded Polystyrene foam insulation board, for buried service.

Attachments

- 1) Water Service Detail
- 2) Typical Water Trench Detail



WATER SERVICE DETAIL
NTS

DRAWING TITLE: WATER SERVICE DETAIL	 <div>RENDEZVOUS ENGINEERING, P.C.</div> <div>P.O. BOX 4858 JACKSON, WYOMING 83001 25 SOUTH GROS VENTRE STREET PHONE - 307.733.5252 FAX - 307.733.2334</div>	DRAWING NUMBER: 13.00
PROJECT TITLE: RAFTER J INFRASTRUCTURE		PROJECT NUMBER: 04-060
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