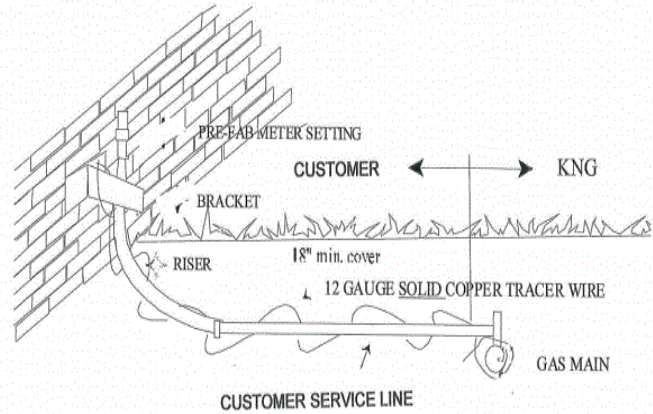
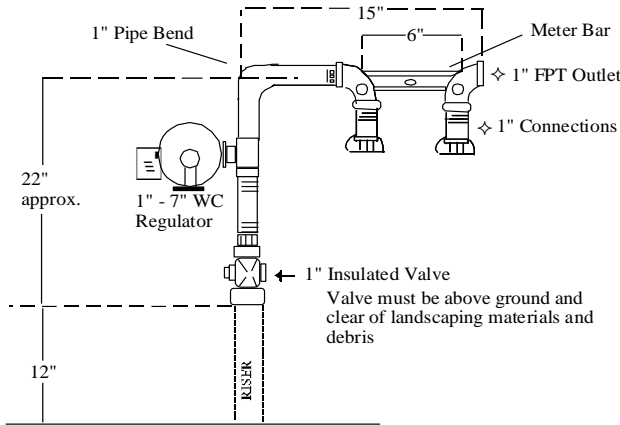


**RESIDENTIAL SERVICE LINE INSTALLATION INSTRUCTIONS**  
**FOR APPROVED CONTRACTORS WITH CURRENT D.O.T OPERATOR QUALIFICATIONS**

NOTE: The Pre-fabricated meter setting must be installed as shown. Internal piping must be at least 18” to the right of the riser or service line for the meter bar to fit between them. The connection from the meter bar to the internal piping is the customer’s responsibility and must be painted before the meter will be set.



1. **THE GAS MAIN MUST BE MARKED BEFORE TRENCHING IS STARTED.**  
To have gas piping marked, along with other underground utility facilities, you must call the Ohio Utilities Protection Service (OUPS) at least two (2) working days before you dig. The telephone number for OUPS is 1-800-362-2764 or 811.
2. Service pipe and tracer wire must be installed in a trench that is separate from other utilities. The trench must be graded uniformly, sloped toward the main where practicable, with a minimum depth of 18". The service pipe and wire must be installed within two (2) feet from the main line with a minimum of five (5) feet left sticking out of the ground. If the main line falls between the road and a sidewalk, you must bring the service line under the sidewalk. If the service line is to run parallel with any building structure, it must be five (5) feet away from the structure.
3. **DO NOT** wrap tracer wire around service line. Bring the tracer wire above ground and wrap around the riser bracket.
4. The wall bracket is to be placed on the top part of the riser, just below the meter bar valve. The valve on the meter setting should be 12" above ground. Carefully determine final grade. The valve on the meter setting cannot be buried. The wall bracket cannot be attached to the flexible part of riser. Attach the wall bracket so the meter setting is at least three (3) feet away from any window, door, electric meter, or other opening or ignition source.
5. All interior piping and appliance installation must conform to manufacturer’s installation procedures and National Fuel Gas Code Handbook.

**MATERIALS**

1. **PIPE AND FITTINGS** - Only pipe and fittings approved by the Company can be used. Polyethylene plastic pipe that meets the requirements of ASTM specification D2513 **MUST** be used for gas service piping. Pipe must be PE4710, high density black polyethylene pipe. All service fittings must be rated by the manufacturer to operate at 100 psig minimum. Normal residential service line is sized at 1" CTS. Date on pipe must be less than 3 years from the date of the installation.
2. **QUALIFICATIONS** - **The service line and all mechanical joints installed on the plastic pipe must be made by an installer with DOT Operator Qualifications using qualified procedures. Federal regulations prohibit the installation of fittings on plastic pipe by non-qualified personnel.**
3. **TRACER WIRE** - Number 12 solid copper tracer wire must be installed in the same trench parallel to the plastic pipe for future locating of the line with the wire wrapped around bracket at house and 5’ to 8’ left sticking out of ground at street end.
4. **RISER** – **Only KNG approved risers are permitted. Perfection risers may be purchased from KNG Energy.** The riser should be approximately 1 ½ feet to the left of the opening of your internal piping for the meter setting to fit between them.
5. **METER BAR** – **Must be purchased from KNG Energy.** The piping connected to the meter bar **MUST** be painted before the meter will be set.
6. **INTERNAL PIPING** - House line must be a minimum of 1" Black Iron Pipe from meter setting up to the first appliance. **House line must be wrapped or sleeved through wall. Avoid using CSST through an outside wall when possible.**
7. **Loads over 250,000 Btu will require a 2 psi system and 1" downstream regulator assembly, or will require a larger meter. Contact KNG Energy for more information.**
8. **All internal piping containing 2 psi must be labeled. All internal regulators must be vented to the outside or have internal relief.**

Please call 419-424-3427 or 800-434-3427 if you have any questions.