Requirements For Installing or Replacing Your Gas Service

Hope Gas

INSTALLER RESPONSIBILITIES FOR REPLACING SERVICE LINE

(For Single Residential Service Only –
Contact Company for multi-meter or commercial application or large volume requirements.)

1. A company representative will show or mark the area of the service line connections at the underground valve (called the curb valve), near our main gas line, and at the meter inlet riser. You will need to dig out and expose from the curb valve to the meter inlet, so that our representative can connect the new piping. Prior to digging, you must always call **WV811 in advance and follow all current WV 811 laws**, to have all utilities located in the area. **WV811 can be reached at: 811 or online at www.WV811.com. A hole, approximately 4' by 4' will be necessary at the curb valve location.** The hole needs to be approximately one foot deeper than the existing line and valve. Our representative will not dig out this valve. If the curb valve is not exposed sufficiently to allow for the connections, we will not connect the new line until they are properly exposed. You may be charged for any additional visits if we are unable to connect the service on our first trip, or if the inspection fails.

2. You must then dig a ditch a minimum depth of 18" deep from the top of the pipe for the entire length of the service line. Take care not to damage the existing pipe as it may have live gas in it. The bottom of the ditch must be smooth, well compacted soil to properly support the new service line. The ditch is to be left open before meter until the service has been inspected and connected by our representative. Be sure to protect the open end of the riser once you have the meter loop constructed. **DO NOT CONNECT THE PLASTIC PIPE TO THE METER INLET RISER (BEFORE METER) OR CURB VALVE.** Only company personnel or our representatives are the only persons authorized to connect the plastic service line to the meter inlet riser. It is your responsibility to protect the pipe ends and fittings from damage prior to Company personnel arrival. Open pipe ends and fittings should be taped or capped to keep water and debris damage at a minimum. Once connected, you can backfill the ditch, using sand and soft dirt which are debris free. Take care to not damage the pipe. You must install a tracer wire in the ditch. The tracer wire is to be parallel and within 6" of the line to allow for future locating of the pipe. *** DO NOT TAPE OR WRAP TRACER WIRE AROUND PLASTIC PIPE.** The tracer wire shall be exposed at all risers. Additionally, you must install yellow warning tape marked "Caution Buried Gas Pipe," approximately 6" below the surface and directly over the pipe, to warn others of the presence of the pipe when digging. No other utilities can be laid in the same ditch as the gas line. You must keep gas service lines separated from other utilities. A minimum of 3' (feet) parallel and, if crossing other utilities, a minimum of 1' (foot) vertical distance and maintain a minimum depth of 18" (inches).

3. The Company will provide an approved, prefabricated meter loop. See the attached diagram for the proper dimensions. The completed meter riser may be bracketed for support, either to the foundation wall or a post in the ground, utilized for this purpose. Make sure the bracket is attached to the riser only, below the meter stop. Do not attach the bracket to the meter piping above the stop. The service line below the bracket must be properly supported in the ditch to prevent movement of the meter set after backfilling. For all mobile home installations, it is required that a support post and bracket must be installed.

4. Failure to comply with any of these provisions will result in refusal to connect your service.

INSTALLER RESPONSIBILITIES FOR INSTALLING NEW SERVICE LINE

(For Single Residential Service Only – Contact Company for multi-meter or commercial application or large volume requirements.)

1. A company representative will show or mark the area of the proposed service line connections at the underground valve (called the curb valve) and at the meter inlet riser to our main distribution gas line. You will need to dig out the proposed marking for the curb valve to the meter inlet. Prior to digging, you must always call **WV811 in advance and follow all current WV 811 laws**, to have all utilities located in the area. **WV811 can be reached at: 811 or online at www.WV811.com.** You may be charged for any additional visits if we are unable to connect the service on our first trip, or if the inspection fails.

2. You must then dig a ditch a minimum depth of 18" deep from the top of the pipe for the entire length of the service line. The bottom of the ditch must be smooth, well compacted soil to properly support the new service line. **The ditch is to be left open before meter until the service has been inspected and connected by our representative.** Be sure to protect the open end of the riser once you have the meter loop constructed. **DO NOT CONNECT THE PLASTIC PIPE TO THE METER INLET RISER OR CURB VALVE.** Only Company personnel or our representatives are the only persons authorized to connect the plastic service line to the meter inlet riser. It is your responsibility to protect the pipe ends and fittings from damage prior to Company personnel arrival. Open pipe ends and fittings should be taped or capped to keep water and debris damage at a minimum. Once connected, you can backfill the ditch, using sand and soft dirt which are debris free. Take care not to damage the pipe. You must install a tracer wire in the ditch. The tracer wire is to be parallel and within 6" of the line to allow for future locating of the pipe. **DO NOT TAPE OR WRAP TRACER WIRE AROUND PLASTIC PIPE.** The tracer wire shall be exposed at the curb valve and all risers. Additionally, you must install yellow warning tape marked "Caution Buried Gas Pipe," approximately 6" below the surface and directly over the pipe, to warn others of the presence of the pipe when digging. No other utilities can be laid in the same ditch as the gas line. You must keep gas service lines separated from other utilities; maintaining a minimum of 3' (feet) if paralleling and, if crossing other utilities, a minimum of 1' (foot) vertical distance while maintaining a minimum depth of 18" (inches).

3. The Company will provide an approved, prefabricated meter loop. See the attached diagram for the proper dimensions. The completed meter riser may be bracketed for support, either to the foundation wall or a post in the ground, utilized for this purpose. Make sure the bracket is attached to the riser only, below the meter stop. Do not attach the bracket to the meter piping above the stop. The service line below the bracket must be properly supported in the ditch to prevent movement of the meter set after backfilling. For all mobile home installations, it is required that a support post and bracket must be installed.

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SERVICE LINE REPLACEMENT BY INSERTION

Hope Gas recommends that you contact a qualified plumber to replace a service line by inserting the new line through the existing old service.

APPROVED PIPE FOR WEST VIRGINIA SERVICE LINE

½" CTS .090 wall PE4710 plastic (PE2708 alternative)

1" CTS .099 wall (.101 wall alternative) PE2708 plastic (PE4720 alternative)

1 ¼" CTS .121 wall PE4710 plastic

1 ¼" IPS SDR10 PE2708 or SDR11 PE4710 plastic

2" IPS SDR11 PE2708 or PE4710 plastic

Low Pressure Meter Loop

Medium Pressure Meter Loop

PAST METER YOU CAN USE ANY LEGAL GAS PIPE (EXAMPLE "FLYING W PIPE")
Approved Manufacturers for Plastic Pipe (includes all sizes):

D.O.T. PIPES BEFORE METER

MUST BE NO MORE THAN 3 YEARS FROM THE MANUFACTURE DATE STAMPED ON THE PIPE FOR LOW DENSITY & NO MORE THAN 10 YEARS ON HIGH DENSITY.

- **Performance Pipe**
- **Oil Creek Plastics**
- **JM Eagle**
- **Duraline Polypipe**
- **Endot**
- **WL Plastic**
- **Charter Plastics**
- **Infra Pipes**
- **Poly Tough**

Risers: Honeywell (Perfection) and Hubble (Continental – Energy Control Systems)

Meter Bar – (Company Provides) 1" FPT inlet, 1"FPT outlet with insulated female union on 6" centers, drilled to accommodate 1" swivels, outlet tapped for ¼" FPT and square head plug (#1 Pittsburg swivel nuts)

Tampered Lock Stop – (Company Provides) Inlet to be tapped for 1/8" FPT and plugged, with union outlet.

Anodeless Meter Riser – (Customer Provides) 1" MPT, 1 ¼" MPT or 2" MPT, outlet to match meter set, inlet to match plastic service line standard, steel encased, pre-bent risers with plastic carrier pipe or flexible and stab flex risers with plastic carrier pipe, with or without stab connector attached. (If connector not attached to riser, you must provide a plastic stab connector to connect the riser and plastic service line.) **A BRACKET MUST BE USED TO SUPPORT THE RISER FOR MOBILE HOME INSTALLATION, OR IF USING FLEXIBLE RISERS.**

Tracer Wire – (Customer Provides) Minimum, 12 gauge, solid copper, yellow thermoplastic coated.

Warning Tape – (Customer Provides) yellow warning tape marked "Caution Buried Gas Pipe" installed approximately 6" below the surface. **(On Direct buried services only.)**

METER BAR 10”-12” OUT FROM WALL

NOTES:

1. CHANGES IN DIRECTION CAN BE MADE WITH A SMOOTH COLD BEND IN PLASTIC PIPE USING THE FOLLOWING BEND RADIUS 24" FOR 1", 32" FOR 1 1/4”

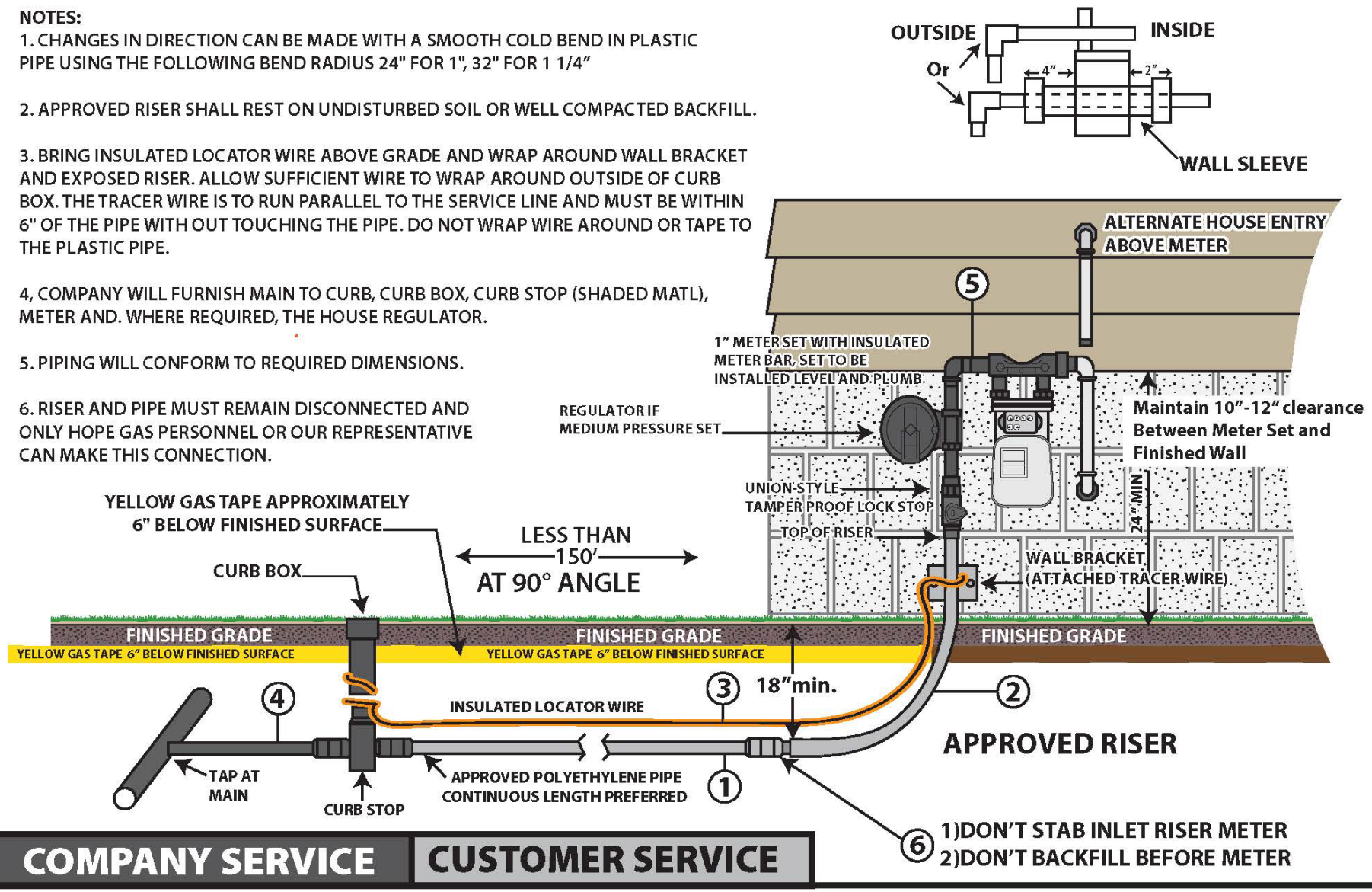
2. APPROVED RISER SHALL REST ON UNDISTURBED SOIL OR WELL COMPACTED BACKFILL.

3. BRING INSULATED LOCATOR WIRE ABOVE GRADE AND WRAP AROUND WALL BRACKET AND EXPOSED RISER. ALLOW SUFFICIENT WIRE TO WRAP AROUND OUTSIDE OF CURB BOX. THE TRACER WIRE IS TO RUN PARALLEL TO THE SERVICE LINE AND MUST BE WITHIN 6" OF THE PIPE WITH OUT TOUCHING THE PIPE. DO NOT WRAP WIRE AROUND OR TAPE TO THE PLASTIC PIPE.

4, COMPANY WILL FURNISH MAIN TO CURB, CURB BOX, CURB STOP (SHADED MATL), METER AND. WHERE REQUIRED, THE HOUSE REGULATOR.

5. PIPING WILL CONFORM TO REQUIRED DIMENSIONS.

6. RISER AND PIPE MUST REMAIN DISCONNECTED AND ONLY HOPE GAS PERSONNEL OR OUR REPRESENTATIVE CAN MAKE THIS CONNECTION.



Outside Meter Set: Picture is a typical outside meter set. Pay particular attention to the distances needed to allow for the meter connections from the foundation wall and from the ground.

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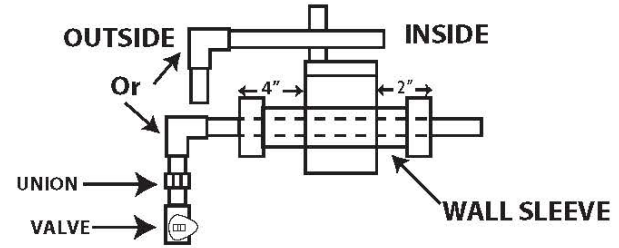

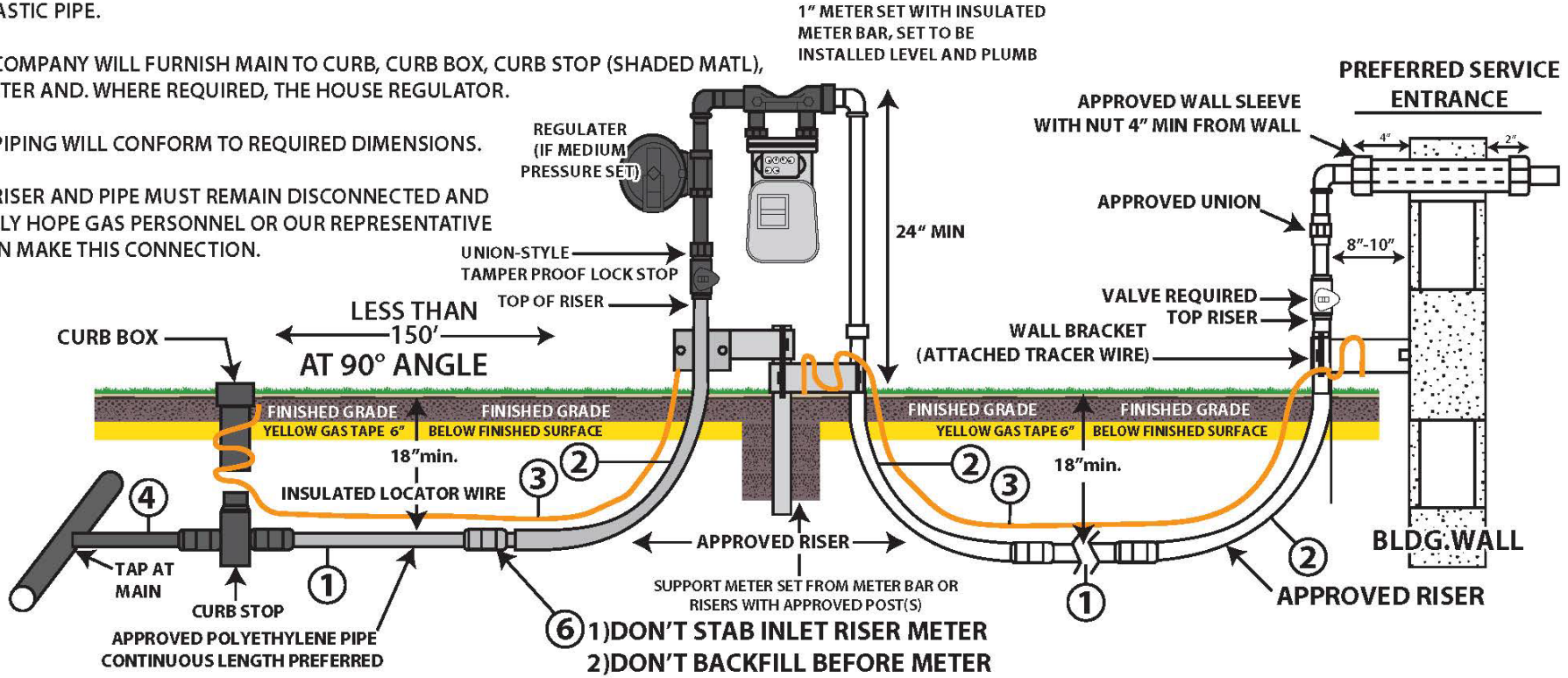

COMPANY SERVICE | **CUSTOMER SERVICE** | **BURIED HOUSE LINE**

Remote Meter Set: (Meter that is not setting at the building foundation.)

METER BAR 10”- 12” OUT FROM WALL

NOTES:

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3. BRING INSULATED LOCATOR WIRE ABOVE GRADE AND WRAP AROUND WALL BRACKET AND EXPOSED RISER. ALLOW SUFFICIENT WIRE TO WRAP AROUND OUTSIDE OF CURB BOX. THE TRACER WIRE IS TO RUN PARALLEL TO THE SERVICE LINE AND MUST BE WITHIN 6" OF THE PIPE WITH OUT TOUCHING THE PIPE. DO NOT WRAP WIRE AROUND OR TAPE TO THE PLASTIC PIPE.

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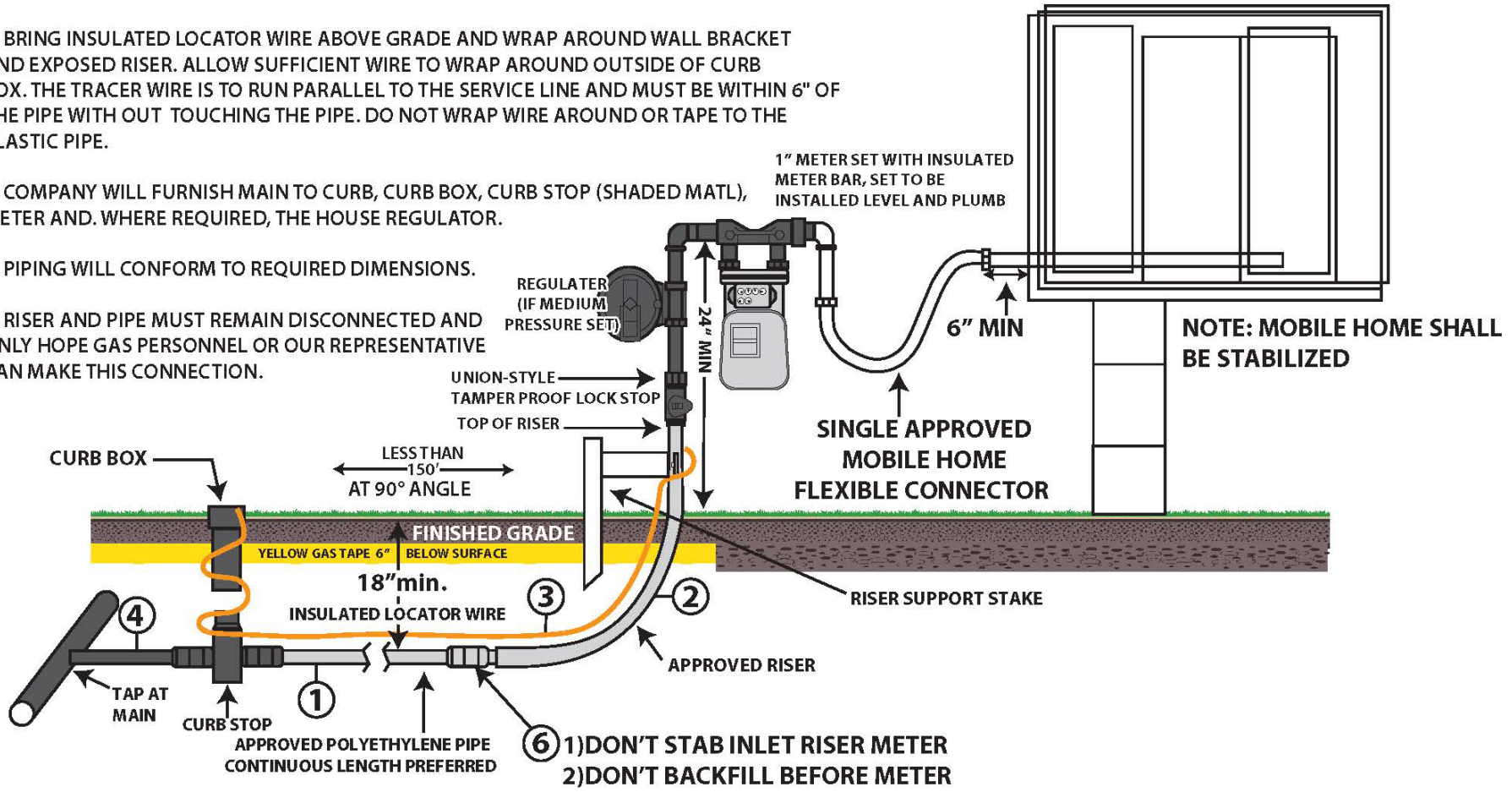

COMPANY SERVICE | **CUSTOMER SERVICE**

METER SET AT A MOBILE HOME:

CUSTOMER CHECK LIST

- **Approved D.O.T. Pipe (Pipe must be no more than 3 years from the manufactured date for low density and no more than 10 years for high density. The manufacturer date is stamped on the pipe.)**
  - ✓ **Minimum Depth of 18” from top of pipe.**
  - ✓ **Both ends capped or taped for protection.**
  - ✓ **Ditch left open before meter for inspection by Customer Service Representative.**
  - ✓ **No other utilities are permitted in the same ditch as the gas line.**
  - ✓ **Keep separation from other utilities. 3’ minimum parallel, minimum of 1’ vertical distance and maintain a minimum depth of 18”.**
  - ✓ **Tracer wire must be minimum 12 gauge, solid copper, yellow thermoplastic coated.**
- **Tracer wire in ditch parallel to the pipe and within 6” of the pipe. Tracer wire shall be exposed above the surface at all risers and the curb valve.**
- **Tie-in hole to be 4’ by 4’ and 1’ below service line and barricaded (if replacing service line).**
- **Meter manifold built as specified in drawing.**
- **Meter bar to be a minimum of 24” high and a minimum of 10"-12” from any wall, if applicable. Ask Company representative for larger meter set designs, if applicable.**
- **DO NOT STAB METER INLET RISER OR CURB VALVE. Company personnel or our representatives MUST be the person to make this connection.**
- **Meter sets and all bare steel piping outside of house must be corrosion protected, primed and painted. Do NOT paint over face or tag of the meter.**
- **If you are installing gas service, contact your Hope Gas Representative or The New Service Department after completion of this checklist to schedule an inspection or if you have any questions.**

New Services & Line Replacement: 1-877-587-8570

Emergency: 1-800-934-3187

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