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## **INSTALLATION RECOMMENDATIONS FOR UNDERGROUND NATURAL GAS YARD LINES**

It is the responsibility of the homeowner to install and maintain natural gas yard lines, which may run between the meter and your house, or to other outbuildings or outdoor appliances, such as natural gas lights, grills, pool heaters, generators, fire-pits, etc.

The homeowner may choose any contractor, who is qualified, to complete the installation of natural gas yard lines.

### **Installation Recommendations:**

- We recommend the use of polyethylene gas pipe (minimum  $\frac{3}{4}$ " diameter) marked ASTM D2513. Other acceptable pipe materials can be found in the National Fuel Gas Code (NFPA54).
- We recommend 18" of cover over the top of the line for sufficient depth.
- We recommend the use of a continuous vinyl-coated tracer wire (minimum 14 gauge) alongside the line and looped above the ground at each end so detection equipment can be connected.
- We recommend the use of fusion welding techniques for underground risers and connections (i.e., couplings, elbows, tees, risers, etc.) over the use of compression or mechanical style risers and connections. If fusion welding techniques are used, we would recommend your contractor be certified via an industry-approved training course.
- We recommend testing of your gas line to 90 PSIG for 10 minutes to ensure no deficiencies with the gas line and connections.
- We recommend the gas inlet for your outdoor appliance be located at a minimum of 5 feet away from any source of ignition, such as an electrical panel, socket or switch.
- We recommend the gas yard line be installed at a minimum of 3 feet away from any underground electrical conduit, except where crossings occur. At a crossing, we recommend the underground electrical to cross at a 90 degree angle to the gas line.
- We recommend the gas yard line be installed in such a manner that the expansion and contraction of the pipe will not cause stress on the joints.

Dependent on the planned outdoor appliances for the location, a meter upgrade or changes to the meter set may be required. Pricing can vary depending on the scope of your installation. Please visit our website to find the most up-to-date information regarding changes and upgrades to your meter set.