

## **Gas Service Specifications for Residential Service Installation**

The following is a list of specifications that must be met before a new gas service can be installed. Failure to meet any of the listed requirements may cause a delay in receiving gas service and/or require the relocation of the gas facilities at the expense of the contractor or homeowner.

### **1. Gas Meter:**

The inlet riser to the gas meter set should be located between two (2) and five (5) feet from the front corner of the house. (See drawing on back)

The gas regulator relief vent shall have at least a three (3)-foot radial clearance from any electric meter, air conditioning condensing unit, electrical outlet, electrical disconnect, or other potential source of ignition.

The gas regulator relief vent may not be installed below, above, or within twelve (12) inches horizontally to the side of a basement or first floor window (that can be opened), door, stairs, dryer vents, furnace intakes/exhausts, or other potential air inlet to the house.

### **2. Customer Fuel Line:**

The customer's fuel line is the pipe that connects to the outlet of the gas meter set and extends through the wall into the house. The fuel line should enter the house within three (3) feet of the gas meter set.

The customer fuel line from the meter through the house wall shall be a minimum of one (1) inch IPS Schedule 40 black iron pipe. For CSST (Corrugated Stainless Steel Tubing) installations, a termination fitting mounted on the outside house wall is acceptable for the transition from black iron pipe.

The customer fuel line shall not be installed below finished grade unless an approved plastic gas pipe is used. Where the plastic pipe is run below-ground, a locating wire (normally a #12 wire approved for direct burial) will be installed next to the pipe with both ends brought above-ground to allow the pipe to be located. Where the plastic gas pipe is brought above-ground, an approved anodeless riser pipe must also be used. An underground transition from plastic to iron pipe is not permitted due to potential corrosion leaks.

Ameren Missouri recommends the installation of a shut off valve outside on the downstream side of the gas meter for the customer's use.

The customer fuel line shall be pressure-tested to a minimum of 3 psig (pounds force per square inch) in accordance with the National Fuel Gas Code or applicable

local codes.

*Note:* The contractor or homeowner is responsible for pressure testing the customer's fuel line prior to connecting to the gas meter set. The gas meter set shall be plumb and level after being connected to customer piping.

### 3. **Meter Bracket:**

Ameren Missouri will provide the contractor or homeowner with a gas meter wall bracket.

The contractor or homeowner is responsible for installing the bracket in a level position. (See drawing on back)

The bottom of the bracket shall be located two (2) inches above finished grade.

The bracket should be solidly mounted to the structure with 3/8-inch bolts with expansion anchors, tapcons or other suitable means.

*Note:* A meter bracket is not required for slab foundation construction.

### 4. **Service Installation:**

The proposed route of the gas service must be clear of all construction material, debris, and spoil. Where customer owned underground facilities are installed such as sprinkler system, septic system, invisible dog fence, etc., the contractor or homeowner is responsible for marking the location.

The yard must be within six (6) inches of finished grade before the gas service will be installed.

Where required, the meter bracket must be permanently mounted to the foundation before the service line will be installed.

### 5. **Mobile Homes:**

Ameren Missouri will provide a meter stake for support of the gas meter.

The fuel line must be supported beneath the mobile home chassis by means of hanging supports.

The mobile home skirting will be considered the structure wall.

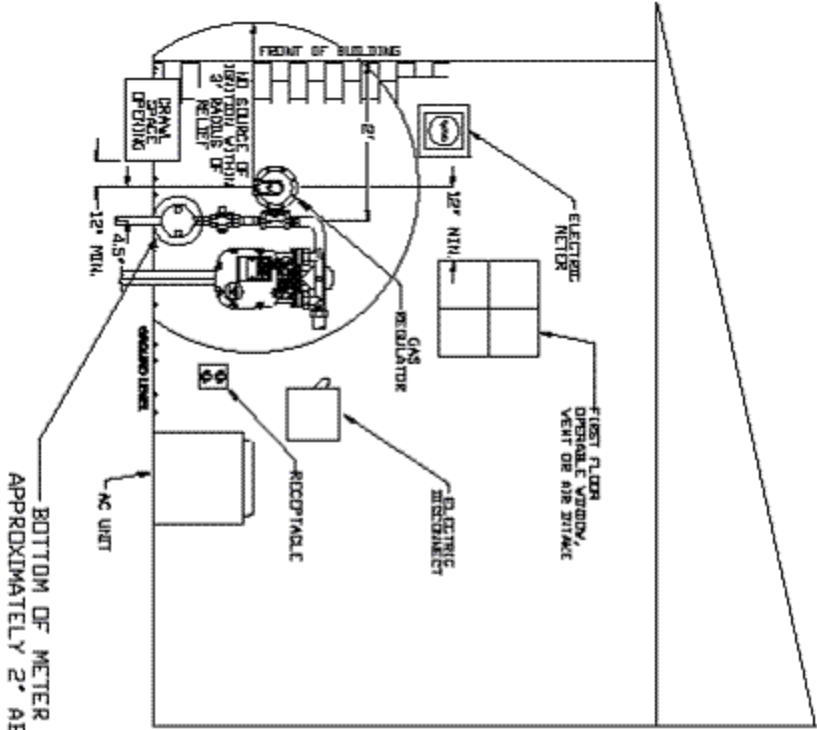
The fuel line from the mobile home skirting to the meter shall be a minimum of one (1) inch IPS Schedule 40 black iron pipe

**6. National Fuel Gas Code:**

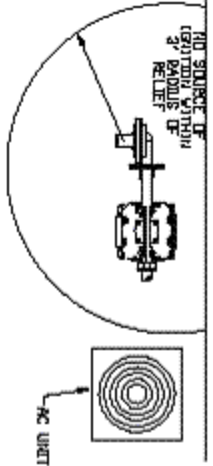
All customer gas piping, fittings, valves and utilization equipment must meet the specifications of, and be installed in, accordance with the National Fuel Gas Code (NFPA-54) or applicable local codes.

Any requested variances from the above specifications must be approved in advance by Ameren Missouri in mutual agreement with the contractor or homeowner. Please contact Ameren Missouri at 1.866.992.6619 if you have any questions.

METER LOCATION ON  
RIGHT SIDE OF HOUSE



BOTTOM OF METER BRACKETS TO BE APPROXIMATELY 2' ABOVE FINISHED GRADE



METER LOCATION ON  
LEFT SIDE OF HOUSE

