

DUKE ENERGY
CUSTOMER PROCEDURE FOR
INSTALLING GAS SERVICE PIPING
IN THE DUKE ENERGY SERVICE TERRITORY

GENERAL

Effective January 1, 2007, in the Commonwealth of Kentucky and July 1, 2008 in the State of Ohio the Company is responsible for installing service piping to new buildings and established buildings not served by gas. This procedure outlines the Customer's responsibilities.

LOCATE UTILITIES

Gas main or gas curb valve box must be located before trenching is started. Customer must call the Utilities Protection Service at least two days in advance of excavation to have gas piping located along with other underground utility facilities that may be buried in the vicinity of the planned excavation. Please call 811 in Kentucky and Ohio. Customer is responsible for any damage to utilities that are caused by Customer activities.

PERMITS

Company is responsible for any local or state permits required for work in public road rights of way. Customer is responsible for any local or state permits for work on Customer property beyond road right of ways.

IMPORTANT TELEPHONE NUMBERS

For information regarding installation specifications, inspections and meter sets:

Call	513-651-0444
Toll Free	800-262-3000 Extension 3866

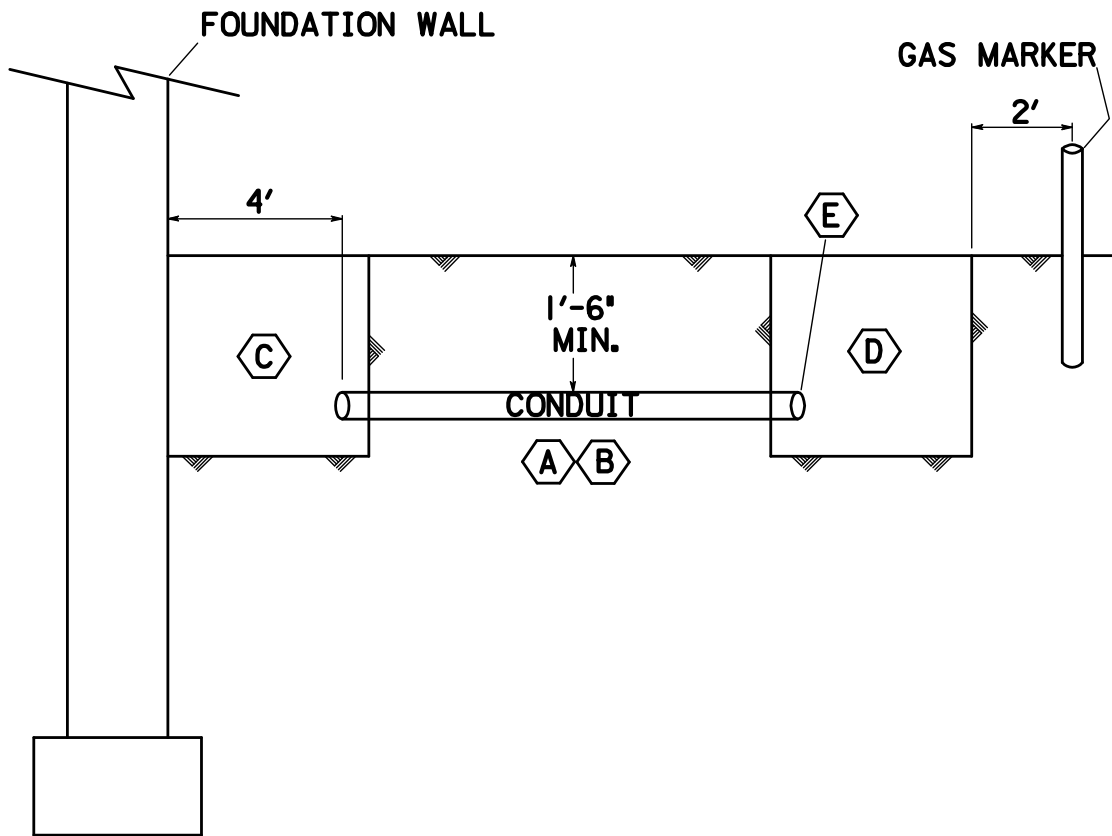
To report gas trouble:

Call	513-651-4466
Toll Free	800-634-4300

SPECIFICATIONS FOR 2 INCH AND SMALLER SERVICES

Company will insert 2 inch and smaller diameter services through conduit provided and installed by Customer. See exhibit and notes on the next page for typical conduit installation by Customer. Refer to the Gas Installer's Manual for all other requirements including backfill material, joint service trench installation, meter location, and house piping requirements.

EXHIBIT – TYPICAL CONDUIT INSTALLATION BY CUSTOMER



Notes:

- A. Customer shall install and backfill 4 inch conduit with at least 1 foot 6 inches of cover. Customer shall temporarily seal both ends of the conduit. Customer shall leave both ends of conduit uncovered. Company will install gas service through conduit and place 1 foot of backfill above the gas services at both ends of the conduit. Customer shall finish the backfilling and grading. Customer shall provide sand or other suitable backfill material. The backfill material shall not include coarse material such as rocks, pebbles, etc. Backfill material shall be located in the vicinity of the excavation but no closer than 2 feet.
- B. Conduit shall be limited to 100 feet in length. One 90 degree change in direction is permitted for 1-1/4 inch and smaller services. Change in direction radius shall not be less than 3 feet. Turns are not permitted for 2 inch services. A series of conduits are required for longer services or where more turns are necessary. Intermediate pull excavations shall be 4 feet by 2 feet in size and located at 100 foot intervals.
- C. Customer shall install caution tape with the conduit. The caution tape shall state that a buried gas main is located in the area. The tape must be bright yellow in color and a minimum of 2 inches wide. Lettering must be black and a minimum of 1 inch in height. The caution tape must be secured to the top of the conduit every 5 feet, using tape or other means. Customer shall leave a minimum of 2 feet of caution tape exposed on each end of the conduit. If the caution tape is not visible on each end of the conduit, Company will not install the gas service. An example of buried gas main caution tape can be seen in Exhibit B.

REVISED 2/09

PAGE DS-2

- D. Excavation at the foundation wall shall be 4 feet by 3 feet. Bottom of excavation shall be within 2 feet of final grade to provide proper service riser support. Customer shall mark final grade on the foundation wall to aid in the proper placement of the service riser. End of the conduit shall be located 4 feet from the foundation wall.
- E. Excavation at gas supply location shall be 4 feet by 2 feet. Edge of excavation shall be located no more than 2 feet from gas supply location. Company will excavate and expose gas supply.
- F. Customer shall provide a pull string through conduit. Pull string shall have test strength of 100 pounds.

EXHIBIT B – SAMPLE BURIED GAS LINE CAUTION TAPE



CAUTION: BURIED GAS LINE BELOW

SPECIFICATIONS FOR 3 INCH AND LARGER SERVICES

Trench

Company will install 3 inch and larger diameter services in a Customer excavated trench. Trench shall be 1 to 1-1/2 feet wide by 3 feet nominal depth. Customer shall provide sand or other suitable backfill material. The backfill material shall not include coarse material such as rocks, pebbles, etc. Backfill material shall be located in the vicinity of the excavation but no closer than 2 feet.

Meter Location

Excavation at the foundation wall shall be 4 feet by 3 feet. Bottom of excavation at foundation wall shall be 3 feet from final grade to provide proper riser support. Customer shall mark final grade on the foundation wall to aid in the proper placement of the service riser.

Gas Supply Location

Excavation at gas supply location shall be 4 feet by 2 feet. Edge of excavation shall be located no more than 2 feet from gas supply location. Company will excavate and expose gas supply.

Company Installation

Company will install the service piping and supervise the backfilling of the excavation by Customer.

Final Restoration

After Company has padded the service, Customer shall finish backfilling the excavation and completing final restoration.

Other Specifications

Refer to the Gas Installer's Manual for all other requirements including backfill material, joint service trench installation, meter location, and house piping requirements.