

Builder Dig Specifications and Guidelines for Gas Facility Installations

Field Layout Meeting Performed  Date: \_\_\_\_\_

Field Layout Representative Initials  Date: \_\_\_\_\_

Builder / Excavator Review (Initial)  Date: \_\_\_\_\_

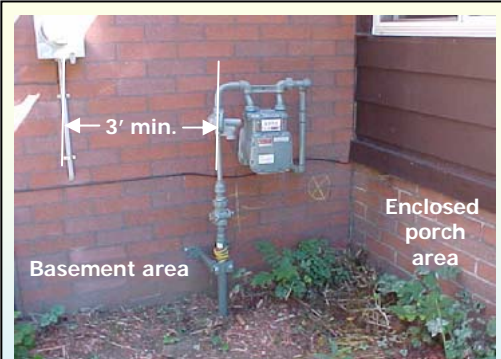
Proposed Work to be Performed	Proposed Trench Width
Trench Only <input type="checkbox"/>	12" <input type="checkbox"/> 18" <input type="checkbox"/>
Trench & Backfill <input type="checkbox"/>	Other <input type="checkbox"/> _____
Trench, Install Conduit & Backfill <input type="checkbox"/>	

Slot Trenching Approved:

Planning Supervisor Review (Initial)  Date: \_\_\_\_\_

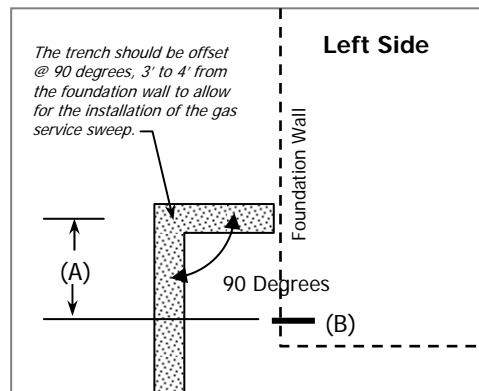
### General Notes:

- All gas line and gas facility installations will be performed by qualified PSE&G employees or their qualified representatives. This includes all final pipe connections to existing gas facilities, the installation of gas line tubing, and the installation of fittings, sweeps and meter set piping at the designated point of connection to the building.
- Final connection of the installed meter set piping to the customers house piping will be made by PSE&G personnel, pending inspection by municipal agencies in accordance with local municipal codes.
- Where conduit is approved for installation by the excavator in the planning and layout of the gas service line, the conduit shall be Schedule 80 minimum (Schedule 40 preferred), non-perforated PVC conduit. The termination points as agreed upon by the excavator and the PSE&G Field Construction Representative shall be sealed with approved caps to prevent water and debris from entering the conduit. The installation and final connection of the gas line will be performed as described in Note 1. Where offsets are required in conduit installations, bends no greater than 22 degrees will be allowed.
- Where existing or proposed surface or underground construction for other utility lines or fixtures conflicts with existing or proposed gas facility locations, these conflicts will be discussed and resolved in the gas trench layout process with the PSE&G Field Construction Representative. A minimum of 3 feet of spacing should be maintained for parallel installations. Crossing of utility lines should be avoided.
- All trench and conduit installations will be inspected and approved at the discretion of PSE&G. The installation of approved backfill material (normally bank run sand or equivalent) and marking tape over the gas line will be performed or observed by PSE&G personnel.



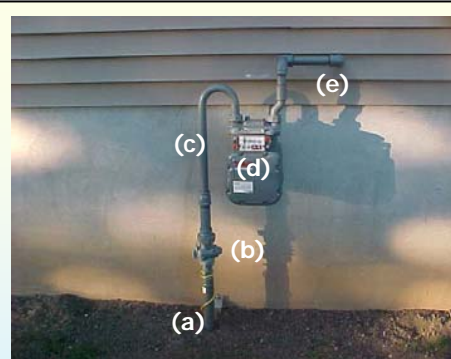
Sample 1: Note that there must be a minimum 3' clearance from the Electric meter and service. Plumbers house piping should not be installed through enclosed porches, under stairways, within 3' of windows or doors, or in driveway areas where exposed to vehicle damage.

A) Typical left side installation: Terminate the trench at least 5 feet left of the point where the house piping is extended outward from the foundation. This allows for the minimum of 3' for meter set spacing.

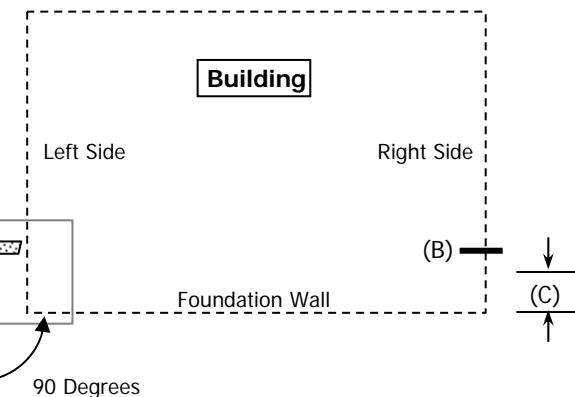


(B) House piping located & marked or extended through the foundation wall. The location of the house piping should be discussed with your plumber and located prior to the gas line installation.

**Call Before You Dig  
800-272-1000 or 811**

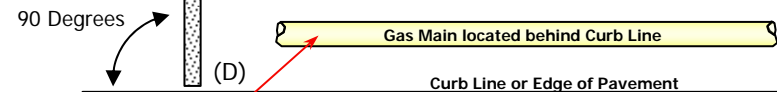


Sample 2: outside meter set installation, including (a) service sweep extending above grade, (b) outside shut-off valve, (c) prefab meter set inlet piping, (d) gas meter, and (e) piping & connection to plumber's house riser pipe (extended through the wall).



C) Right side installations: Terminate the trench at least 2 feet right (back) of the front corner of the foundation. The plumbers house piping must be located a minimum of 4 feet back from the right front of the foundation to allow for the minimum of 3' for meter set spacing.

D) Terminate the trench at the Curb Line. If conduit is installed and backfilled, clearly mark the termination point with a wooden marking stake extending 3' minimum above rough grade.



**CAUTION:** The location of the existing gas main must be determined in the planning of the job. Some gas mains are located behind the curb or edge of pavement. If located behind the curb, use extreme caution when excavating and always HAND DIG within 3 feet of any gas main.

Gas Main located in pavement (street) area

