

## AQUA PENNSYLVANIA INSTALLATION INFORMATION FOR PLUMBERS AND BUILDERS

### 1. Service Lines, Mains, and Equipment:

- The Company will make all connections to its mains and furnish, install, and maintain the service lines from the water main to and including the curb stop and box, which under normal circumstances will be placed inside the curb line.
- The Company's service line will be the property of the Company and under its control.
- The Company reserves the right to determine the size, kind, and location of the service line from the main to the curb, and from the curb to the property to be served.

### 2. Customer's Installation & Maintenance of Service Lines:

The service line from the curb stop to the property shall be furnished, installed, owned, and maintained by the owner of the property.

### 3. Location of Customer's Service Lines:

- The Customer's service line shall not cross intervening properties unless there is no other way in which service can be provided due to the property being landlocked and an appropriate easement is obtained by the Customer for the Customer.
- The Customer's service line shall be laid in a straight line at a right angle to the curb line (where possible) within the building limits of the structure to be served and at least four feet (4') below the surface of the ground in property owned by the Customer, in fee simple absolute. Note: Some areas of Aqua PA may require the service to be at least five feet (5') below the surface of the ground.
- No service line shall be laid in the same trench with a gas line, electric line, drain or sewer line, or any other facility of another public service company, nor within four feet (4') of any open excavation, retaining wall or vault.

### 4. Type of Piping Installed by Customer:

- Type "K" copper shall be used throughout for service lines up to and including two inches (2") in diameter. Compression or flared fittings shall be used for underground connections; sweat or threaded joints shall be used in buildings and pits.
- Service lines three inches (3") in diameter and larger shall be cement lined ductile iron pipe.
- The minimum diameter of pipe used for domestic services (curb to building) shall be 3/4 of an inch.

### 5. Meters:

- All meters will be furnished and installed by the Company and will remain the property of the Company and be accessible to and subject to its control.
- The Company reserves the right to determine the size, type and location of the meter to be installed in the Customer's property, including whether such meter will be manually read, remotely read from outside the building, or read automatically using TV cable, telephone or similar lines and/or radio signal communications. As a condition of providing service, the Company shall have the right to install such equipment, connections and wiring in the manner and location it deems appropriate. Said equipment will remain the property of the Company.

### 6. Location of Meters within a Building:

- The Customer shall provide a location for the meter within two feet (2') from the point-of-entry of an exterior foundation to a building, which affords its protection and allows access for reading and maintenance.
- The meter location shall not be within a closet, crawlspace (seven feet minimum needed), garage, certain enclosures, or unheated areas.

### 7. Control Valves:

- Control valves shall be placed by the Customer on the service line as shown on the piping detail plans.
- Full-port ball valves shall be used for service lines two inches (2") in diameter and smaller.
- O.S. & Y. gate valves with resilient seat shall be used for domestic and fire service lines three inches (3") in diameter and larger.

### 8. Conditions Requiring Meter Pit Installation by Customer:

- For new construction, the meter shall be required to be installed outside the building in an Aqua PA approved meter box/vault.
- For existing premises and circumstances, subject to the Company's approval, a meter may be set within the structure to be served at a location approved by the Company, after the Customer has had the plumbing arranged (including installation of special devices if required by the Company) to receive the meter at a convenient point inspected and approved by the Company so as to control the entire supply of water to the property.

*For existing premises, a meter box/vault is required when existing circumstances change including, but not limited to:*

- a) Building renovations (including knock down/rebuilds)
- b) Renewal or repair of service lines

### 9. Pressure Reducing Valves:

A pressure reducing valve (PRV) is required where the Company's system pressure exceeds 80 PSI on all domestic services, 100 PSI on residential fire services, or 150 PSI on commercial fire services and at the discretion of the Company where it is believed that the pressure may exceed the above limitations. Said valve shall be installed by the Customer on the inlet side of the meter and follow all piping specifications.

### 10. Pipe Joints, Fittings, and Fixtures:

- When solder or flux are used for joining pipe and fittings, compliance with the Safe Drinking Water Act Amendment of 1986, Section 1417, shall apply.
- Likewise, all faucets and fixtures must be lead-free and in compliance with Federal, State, and local laws and codes.

### 11. Cross-Connection Control (backflow protection) or Special Devices:

If, in the Company's opinion, an approved backflow prevention device or other special device is necessary to prevent possible contamination of the water supply, the Company may require the Customer to install and maintain such device(s) at a location and in a manner approved by the Company.

### 12. Activation of Service:

- The Company will install the meter and turn on the service after the Customer has the plumbing arranged (including all required fixtures) to receive the meter at a point approved by the Company, so as to control the entire supply.
- PA Law (Criminal Code 18 Pa. C.S.A., Section 3926) prohibits the activation of a public utility without a measuring device (water meter).