

Sec. 46-26. - Water service installation.

(a) *Connection requirements.*

- (1) Each dwelling or other building used for human habitation or other buildings where human beings are in need of water facilities, which is located upon or adjacent to any street in and along which public water mains have been laid, or which has reasonable access to public water main, shall be connected with an individual connection to the said water main; except that when a private well is in compliance with Wis. Admin. Code ch. NR 312, the Wisconsin Well Code, is adequate and safe, this supply may be continued in operation until such time as it is in need of repair or replacement.
- (2) The owner of a multiunit dwelling has the option of having a metered water supply to each unit from a single connection to the public water system. The owner, by selecting this option, is required to provide interior plumbing and meter settings to enable the individual supply to each unit and also individual disconnection without affecting service to other units. Each meter and meter connection will be a separate water utility customer for the purpose of the filed rates, rules and regulations.
- (3) No more than one building shall be supplied from each individual water service.
 - a. A domestic water service shall not be used as a supply for a fire protection system, nor shall a fire protection service be used for domestic purposes except where a four-inch or larger connection is made to the main for private fire protection service, such fire service line may be tapped with a smaller size branch line for general domestic service. Rates for said "combined service" are on file in the office of the La Crosse Water Utility.
 - b. The installation of any pipe, valve, or conduit in any manner connected with the municipal water system so as to result in connection of a private water supply, the sanitary sewer, storm sewer system to the water supply, or any other fluid or substance which might result in the introduction into the municipal water system of a foreign substance, is prohibited.

(b) *Pipe.*

- (1) *Size.* The water service pipe shall be of sufficient size to furnish water to the property in the quantities and at the pressures required in Wis. Admin. Code ch. SPS 382. The minimum inside diameter of any service pipe shall be three-fourths-inch.
- (2) *Materials.* The water service pipe from a main to any property shall be Type K copper, cast iron, ductile iron, or other materials approved by the Utility. Any materials used within bounds of, or beneath an area subject to easement for highway or street purposes or public rights-of-way shall be subject to acceptance by the Utility.

(c) *Control valves.*

(1) *Location.*

- a. Domestic services shall include an approved valve at the main, a curb stop or valve between the property line and the street, and valves inside the building, one on the supply side and one on the building side of the meter.
- b. Fire protection services shall include an approved valve at the main, a curb stop or indicator valve between the property line and the street, and a valve inside the building followed by an approved check valve.
- c. For any water service three inches or larger, one valve may service as the shutoff at the main and the curb stop or valve.

- (2) *Materials.* Curb stop valves shall be an approved ground key stopcock or ball valve up to and including two-inch size. Over two inches shall be approved gate valve with nonrising stem and square head operating nut. Each curb stop or valve shall be protected by an approved cast iron curb box or valve box and the cover exposed and level with the sidewalk, curb or lawn.

(d) *Connection to main.*

(1) *Size.* Any connection to the main shall be of sufficient size to furnish water to the property in the quantities and at the pressures required in Wis. Admin. Code ch. SPS 382. All connectors shall be made with an approved corporation cock, service saddle, tapping water valve and sleeve or other approved connection depending on connection and main size. Only one tap or connection to the main will be permitted for each service pipe.

(2) *Installation.*

- a. Where corporation cocks are used, they shall be inserted at an angle of 45 degrees with the top of the water main and where applicable, the service pipe at the connection shall be bent into a large "S" or gooseneck to provide flexibility.
- b. No pipe or fittings that have been used for other purposes shall be used for distributing potable water.

(e) *Placement and backfilling.*

(1) *Placement.* The water service pipe shall be laid at right angles to the water main. No water service pipe and building sewer shall be placed less than eight feet apart horizontally, separated by undisturbed or compacted earth, except as permitted by conditions outlined in Wis. Admin. Code ch. SPS 382. The water service pipe shall be placed not less than seven feet below the surface of the ground. When conditions prevent installation to specified depth, the service shall be so protected as to prevent freezing. All water service pipes shall be located within extended property lines of the property served, or on street rights-of-way, or other public land, and so installed as not to interfere with other utility lines.

(2) *Backfilling.* In backfilling the pipe trench, the service pipe shall be protected against injury by carefully hand-tamping the earth fill to a depth of six inches. The earth fill shall be free from hard lumps, rocks, stones and other injurious material. Water services shall not be laid through any trench having cinders, rubbish, rock, gravel fill nor any other material which may cause injury to, or disintegration of, the service pipe, unless adequate means of protection are provided by sand filling or insulation approved by the Water Utility.

(f) *Inspection.* No plumber shall cover or permit the covering of any water service line until the installation has been inspected and approved by the Fire Department - Division of Fire Prevention and Building Safety or its duly authorized representative. When so directed, the plumber shall hydrostatically test the system in the presence of the authorized inspector.

(Code 1980, § 4.05; Ord. No. [4911](#), § I(attch.), 1-14-2016)