



WATER SERVICE INSTALLATION

WATER SERVICE LINE MATERIAL

- A.** Copper tubing shall be used for 1" through 2" service connections and shall be type "K" soft annealed seamless and manufactured in the USA. Services shall be installed as one continuous piece from the corporation stop in the main to the curb stop, and from the curb stop to the meter setting. Approved fittings shall be of the compression type designed to maintain electrical continuity through the fitting and manufactured by the Ford Meter Box Co. Inc., as follows:

One Inch Corporation Stop: Ford No. FB 1000-4-Q

One Inch Curb Stop: Ford No. B-44-444-Q

1" through 2" taps shall be made by directly tapping the main. Saddles shall not be used unless approved by the Utility. If approved, saddle shall be Ford FRS 202.

Services larger than 2" shall be constructed in accordance with water main pipe and valve requirements, using a tapping valve and sleeve for connection to the existing water main. Service sizes may be 1", 1 1/2", 2", 3", 4", 6" or 8".

- B.** Every water service line installation shall be inspected by the Water Department Supervisor or his/her designee. All inspections shall be open trench. Contractors requesting service line inspections shall contact the Water Department at (920) 746-2820, 48 hours prior to requested inspection time. All water laterals to be insulated using closed cell extruded polystyrene boards (blue boards) with minimum dimensions of 2" thick and 2' wide. A minimum of 2 layers shall be used (minimum 4" thickness).
- C.** Service lines with combined fire suppression requirements do not need a independent service, but will need to be sized for both potable demands and fire suppression flow requirements.
- D.** Each curb stop shall be provided with a cast iron service box (Mueller No. H-10300) complete with lid and stainless steel operating rod. Service box shall be of sufficient length to permit the top to be installed approximately three inches above finished grade. Each service box lid shall be provided with the word "water" cast in the top and a 1" brass pentagon access plug design. Service Box shaft will be 1" dia. pipe with "arch pattern" base.

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METER SETTINGS

- A. All ¾" and 1" meters shall be installed using a Copperhorn meter setting as manufactured by the Ford Meter Box Co.
- B. Location of water meters shall be included in City of Sturgeon Bay plumbing permit applications.
- C. Lateral piping shall extend a minimum of 36 inches into the building above the finished floor
- D. All ¾" and 1" meter settings shall be installed so that three feet of clearance around the meter setting is provided.
- E. Clearance for all other meters shall be three feet, including bypass piping and control valves.
- F. No meters shall be installed in crawl spaces.
- G. No meters shall be installed in garages or other areas that will be unheated. No piping to water meters will be installed in unheated spaces.
- H. Isolation ball type valves shall be located on both sides of the meter. No sweat fittings are allowed before the meter.
- I. All brass fittings must comply with NSF/ANSI 61 Annex G lead content regulations.

SERVICE REQUIREMENTS

Water will not be turned on unless all of these requirements are met.

CONTACT US FOR MORE INFORMATION



At Sturgeon Bay Utilities, we join forces with other local not-for-profit utilities through WPPI Energy to share resources and lower costs.

sbunet.com (920) 746-2820

Shared strength through  WPPI Energy