

SECTION 02270 SERVICE PIPES

A. Description

The Valparaiso City Utilities or its Contractor shall install a service line from the water main to terminate 2' behind the sidewalk. The size of the line will be determined by the customer's usage. The minimum size line is 3/4-inch. All service line material shall be copper Type "K" soft temper, or ductile iron cement lined. The use of plastic for the customer's lines is not allowed.

B. Corporation Stops for Service Fittings

All 1-inch corporation stops shall be in accordance with the latest revisions of the AWWA C800 standard.

The only corporation stops, which will be accepted for use in connection with water service installation, is Ford FB 1000-4Q – Compression.

C. Curb Stops for Service Fittings

All 1-inch curb stops shall be in accordance with the latest revisions of AWWA C800 standard.

The only curb stop, which will be accepted for use in connection with water service installation, is Ford B44-444 – Q Compression.

D. Service Installation

Service lines shall be installed as shown on plans. No tap shall be hooked-up to customer service line until the main passes the pressure leakage test and has been successfully disinfected.

The main shall be tapped and a corporation stop installed between 10 and 12 o'clock on the pipe circumference. Polyethylene encasement shall be properly cut and repaired.

Service lines shall be installed with the same depth of cover as specified for mains and shall be laid with no unnecessary bends.

On all new construction services, the curb box will be located two feet (2') behind the sidewalk.

E. Service Connection Details

No copper services less than 3/4-inch will be allowed under any circumstances. For any services greater than 1-inch, the Valparaiso City Utilities shall use the construction details in Section 02290 – Detail C or be direct tapped if so approved by VCU

distribution.

For 6-inch domestic and fire services, a hydrant tee shall be used and it shall be directly connected to the gate valve.

For 4 and 8-inch services, a nipple shall be connected to the tee and then connected to the gate valve.

F. Indiana Plumbing Rules

The service line shall be spaced from sewer or drain lines to maintain spacing as required by the Indiana Plumbing Rules and Regulations.

G. Separate Building Service Lines

Each separate building shall have its own service line.

H. Curb Stop Ownership

The curb stop is the property of the Valparaiso City Utilities and shall not be operated by the customer.

I. Meters

Valparaiso City Utilities will be responsible for the purchase and installation of meters. Meter yokes will be purchased by the Valparaiso City Utilities and installed by others.

END OF SECTION