

Section 02511**WATER METERS****1.0 GENERAL****1.01 SECTION INCLUDES**

- A Water meters for customer service, including submeters (i.e., cooling tower meters, sewer credit meters, etc.), for fire service in sizes 5/8 inch through 10 inches.
- B References to Technical Specifications:
 - 1. Section 01200 – Measurement and Payment
 - 2. Section 02510 – Water Mains
 - 3. Section 02541 – Water and Wastewater Line Valves

1.02 MEASUREMENT AND PAYMENT

- A Measurement for installation of water meters furnished by the Owner is on an each basis for each meter type and size. Payment includes all labor and materials required for installation of water meters furnished by the Owner as indicated on Plans.
- B Refer to Section 01200 – Measurement and Payment Procedures.

2.0 PRODUCTS**2.01 GENERAL**

- A Water meters shall be furnished by the Owner.

2.02 CONNECTIONS AND FITTINGS

- A Connections: Provide pipe in accordance with Section 02510 – Water Mains, restrained joints only.
- B Fittings: Restrained ductile iron; push-on bell joints or mechanical joint fittings outside of meter vault installations; Class 125 flanged inside meter vaults; cement mortar lined and sealed.

2.03 LAYING LENGTHS

- A The minimum length (with 1 inch tolerance) for meter and standard strainer shall be shown as indicated on the detail drawing for water meters.

3.0 EXECUTION

3.01 TAPPING AND SERVICE LINE INSTALLATION

- A Refer to Section 02541 – Water and Wastewater Line Valves for tapping requirements.

END OF SECTION