

7. ROADS



7.1. ROAD SURFACES

Asphaltic surfaces shall meet State of Louisiana, Department of Highways Specification (Section 502) Type 1, AC-3. The base course shall be spider webbed with a tack coat of AC-3 asphalt and the side of an existing asphalt cut shall be painted with an approved asphalt to assure a seal. Hand spreading may be used. Compaction shall be in accordance with paragraph 502.09 of the aforementioned specifications for Type 1. 92% minimum Briquette Density.

Concrete surfaces including sidewalks, shall have 2500-pound compression strength at 29 days. All pavements to be replaced that originally contained steel reinforcement shall be reinforced with welded steel fabric weighting not less than 75 pounds per 100 square feet. Finish surface to match existing pavement.

Rock for roadway repair shall be limestone with not more than 10% foreign matter by dry weight when determined by washing.

8. APPROVED METER TYPES



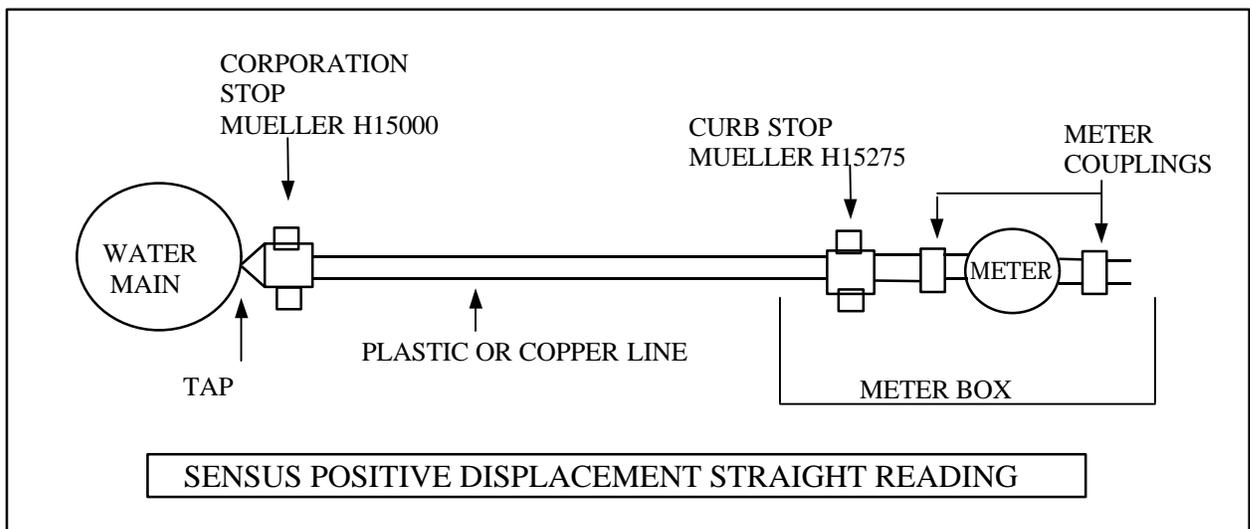
8.1. Approved Meter Types

<u>SIZE</u>	<u>MAKE</u>
5/8 " x 3/4"	Sensus Positive Displacement
1"	Sensus Positive Displacement
2"	Sensus Model W- 160 DR Turbo Meter, Flanged
3"	Sensus Model W- 350 DR Turbo Meter, Flanged
4"	Sensus Model W-1000 DR Turbo Meter, Flanged
6"	Sensus Model W-2000 DR Turbo Meter, Flanged

All meters shall read in U.S. gallons and the main cases shall be bronze.

The meter should be sized based on flow rates rather than pipe size.

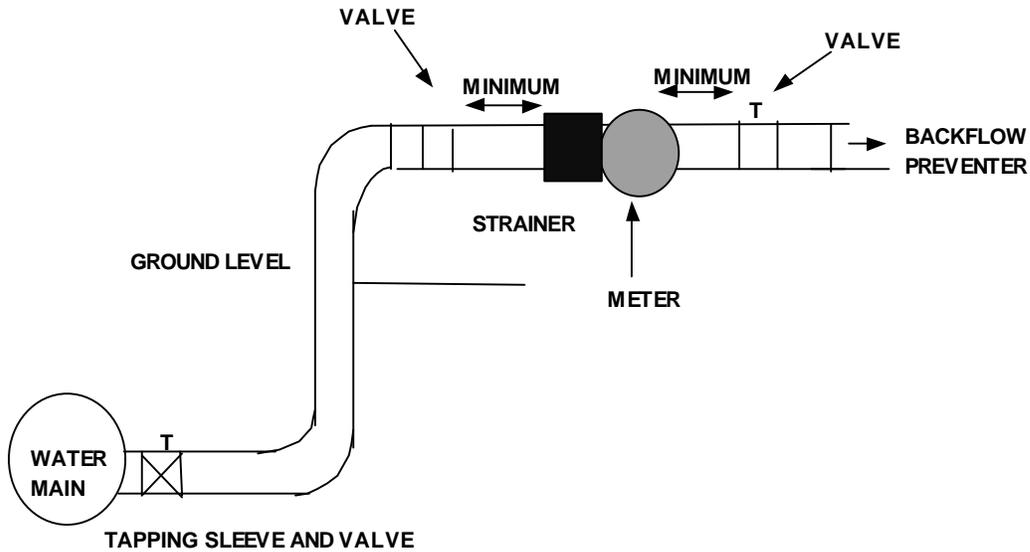
5/8" X 3/4" and 1" Water Meter Installations



APPROVED METER TYPES (cont.)



2" Water Meter Installation

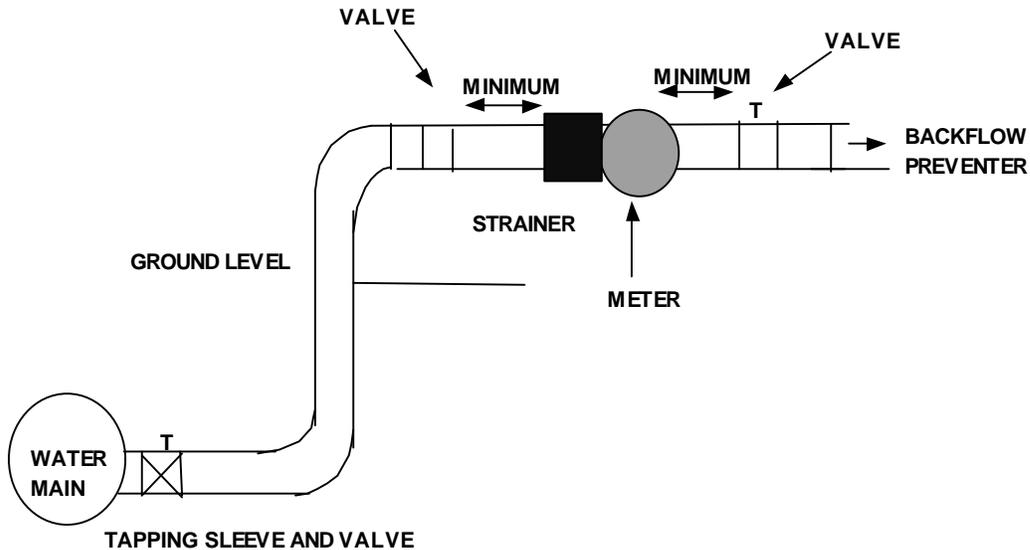


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| Installation: | By Waterworks or customer. |
| Meter: | Sensus Model W-160 DR Turbo, double oval flanged.
Install at same horizontal level as backflow preventer. |
| Strainer: | Sensus 2" DN Bronze Strainer or approved equal, with stainless steel screen.
Strainer shall be connected directly to the meter. |
| Saddle: | For 6" main - Mueller 2552 or approved equal.
For 8" main - Mueller 2860 or approved equal. |
| Valve: | 2" brass gate valve. |
| Backflow Preventer: | Furnished and installed by customer (refer to specifications). |
| 2" Pipe: | Schedule 80 PVC or brass. |

APPROVED METER TYPES (cont.)



3" or Larger Water Meter Installations



- Installation:** Material furnished and installed by customer.
- Meter:** Refer to meter specifications.
Install at same horizontal level as backflow preventer.
- Strainer:** Sensus Bronze Strainer or approved equal, with stainless steel or bronze screen.
Strainer shall be connected directly to the meter.
- Tapping Sleeve/Valve:** Sleeve shall be stainless steel Smith-Blair 662 or 663 or JCM 432 or Romac SST with Mueller A-2370-16 valve or approved equal.
- Pipe:** Cement lined ductile (refer to specifications).
- Minimum Length:** 5 times pipe diameter in inches.
- Line Valve:** Resilient seat A2370-20 Mueller flanged full open gate valves.
- Backflow Preventer:** Furnished and installed by customer (refer to specifications).
Parallel backflow preventers are recommended for uninterrupted water service during backflow preventer maintenance.