

Water Meter Installation Procedures Quick Reference

Standard Setting for 1½” and 2” Water Meters

PART 1 - PRODUCTS

1.1 METER SETTERS

- A. All multi-family buildings shall use exterior meter settings.
- B. Acceptable 1 ½-inch and 2-inch meter setters are:
 - 1. Ford
 - a. 1 ½-inch, #VBB76-12B-11-66-NL
 - b. 2-inch, #VBB77-12B-11-77-NL
 - 2. Mueller
 - a. 1 ½-inch, B2423-01N
 - b. 2-inch, B2423-01N
 - 3. A.Y. McDonald
 - a. 1 ½-inch, # 720B612WWFF665
 - b. 2-inch, # 720B712WWFF775
 - 4. No substitutions will be allowed.

1.2 METER PITS AND VAULTS

- A. Reference Section 03400
- B. Acceptable meter pits and vaults for 1 ½-inch and larger meters are:
 - 1. AMCOR Precast
 - 2. An approved equal.
- C. Acceptable meter pit and vault covers for 1 ½-inch and larger meters are:
 - 1. Casting Incorporated #MH-125-24 AL-WATER.
 - 2. No substitutions will be allowed.

Contacts	
Water Meter Shop.....(970) 221-6759	<i>Schedule Water Meter Inspections, Water Meter Questions, Water Meter Construction Specifications</i>
Customer Service.....(970) 212-2900	<i>Change of Accounts, Billing Questions</i>
Building Inspection.....(970) 221-6769	<i>Schedule Building Inspections</i>

PART 2 - EXECUTION

2.1 GENERAL

- A. The Contractor shall adjust stop boxes, meter pits and meter boxes to horizontal location and to final grade as determined by a grade stake.

2.2 EXTERIOR METER SETTINGS

- A. Exterior meter settings shall be installed by the Contractor according to the manufacturers recommendations, and in accordance with Typical Detail Drawings No. 15, 16-A, 16-B, 17-A, or 17-B.
 - 1. 5/8 x 3/4-inch, 1-inch, 1 ½-inch, and 2-inch meters shall be installed by the Utility upon inspection and acceptance of the meter setting.
- B. Meter pits and vaults shall not be installed in any street, alley, parking area, driveway, or sidewalk.
- C. Major landscaping (shrubs, boulders, etc.) and structures (retaining walls, fences, buildings, etc.) shall not be placed within four feet of any meter box, pit or vault.
 - 1. Trees shall not be planted within six (6) feet of any meter box, pit or vault.
- D. The ground surrounding meter boxes, pits and vaults shall slope away from the lid at a minimum grade of 2%.
- E. No plumbing connections will be allowed inside the meter box, pit or vault.
- F. All tees, connections, and couplings shall be a minimum of two (2) feet downstream from the meter box, pit, or vault wall on the outlet side.
 - 1. Tees and connections shall not be installed between the curb stop and the meter setter or copper horn.
- G. If the grade of the ground surrounding the meter box, pit or vault changes after the installation, the cover shall be adjusted to ½ inch above the final grade by the property owner.
- H. Meter boxes, pits, or vaults shall not be covered or enclosed as to inhibit meter reading or meter maintenance.

2.3 METER INSPECTIONS

- A. All water fees shall be paid prior to inspection.
- B. A minimum of 48-hours notice is required on all meter inspections.
- C. All water meter inspections shall be scheduled through the Utilities Water Meter Shop.
 - 1. The Owner shall be billed for re-inspections.