

Water Meter Installation Procedures Quick Reference

Exterior Setting for 3/4" and 1" Water Meters

PART 1 - PRODUCTS

1.1 METER SETTERS

- A. All multi-family buildings shall use exterior meter settings.
- B. Acceptable 5/8 x 3/4-inch coppersettlers (exterior meter settings) are:
 - 1. Ford: Outside 5/8x 3/4-inch copperhorns; V82W-44-33-QNL
 - 2. A.Y. McDonald: Outside 5/8 x 3/4-inch copperhorns; M731-2WXQQ33EF
 - 3. No substitutions will be allowed
- C. Acceptable 1-inch coppersettlers (exterior meter settings) are:
 - 1. Ford: Outside 1-inch copperhorns; V84W-44-44-QNL
 - 2. A.Y. McDonald: Outside 1-inch M731-410-WXQQ44

Contacts

Water Meter Shop.....(970) 221-6759
*Schedule Water Meter Inspections,
Water Meter Questions, Water Meter
Construction Specifications*

Customer Service.....(970) 212-2900
Change of Accounts, Billing Questions

Building Inspection.....(970) 221-6769
Schedule Building Inspections

1.2 METER BOXES

- A. Acceptable 5/8 x 3/4-inch and 1-inch meter boxes are:
 - 1. Sigma #RMP 2048W 20x48
 - 2. Bingham & Taylor #MMP2430 24"x30" with #MMPE2418 Extension
 - 3. No substitutions will be allowed.
- B. Acceptable meter box covers and lids for 5/8 x 3/4-inch and 1-inch meter boxes are:
 - 1. Ford; #W3 cover with a WA3L-TP lid.
 - 2. No substitutions will be allowed.
- C. Acceptable 3-inch meter box extensions for 5/8 x 3/4-inch and 1-inch meters are:
 - 1. Sigma #8152048
 - 2. No substitutions will be allowed.

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 1/2-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, or driveway. Any pit or vault installed in a sidewalk due to limited options must be pre-approved in the development review process and will require a traffic rated meter pit and lid.
- C. Major landscaping (shrubs, boulders, etc.) and structures (retaining walls, fences, buildings, etc.) shall not be placed within four (4) 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 1/2 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 Division.
 - 1. The Owner shall be billed for re-inspections.