

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 copperhorns (interior meter settings) are:
 - 1. Ford #CH88-233 with BH-11-233 ball valve on each end with HB-2 handles on both valves and 1/4-inch tag mounting hole in both handles.
 - 2. A.Y. McDonald #743-2 QQMM33 style with 6101 ball valve on each end and 6120 handle on both valves with 1/4-inch tag mounting hole in both handles.
 - 3. 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 INTERIOR METER SETTINGS

- A. Interior meter settings shall be installed by the Contractor in accordance with Typical Detail Drawing No. 14.
 - 1. The meter, wire and read device shall be installed by the Utility upon inspection and acceptance of the meter setting.
- B. If the water service enters the house through the floor, a minimum of 4 inches of concrete or 24 inches of soil shall cover the water service from the edge of the foundation to the vertical riser.
 - 1. The meter setter shall be installed in a heated portion of the building.
 - 2. Services shall be insulated from direct contact with concrete or other abrasive surfaces.
- C. Copper horns shall not be placed in a crawl space.
- D. All copper horns shall be installed so that the meter is in a horizontal position.
 - 1. The copper horn shall not be installed above or behind a hot water heater.
- E. A clear and unobstructed access of not less than 24 inches by 24 inches shall be provided so that the copper horn can easily be reached.
- F. There shall be no tees or connections made between the water main and the meter.
- G. A 1/2-inch, or larger, conduit shall be installed from the meter setter to the remote reading point.
 - 1. The conduit shall be EMT only.
 - 2. There shall be no more than 75 feet of conduit between pull boxes.
 - a. There shall be no more than 4 (four) 90-degree bends between pull boxes for a total of 360-degrees.
 - b. All pull boxes must be installed no more than 96 inches above the floor.
 - c. Pull boxes shall not be installed in attics or crawl spaces.
 - d. Conduit shall only contain read device wire.
 - 3. The remote reading point shall be a two (2) inch deep recessed electrical box with a blank metal cover.
 - a. The recessed electrical box shall be mounted on the outside wall of the building, 48 to 66 inches above the ground, within 1 foot of front of house, on either side.
 - b. The remote reading point 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.