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SECTION UC-085

WATER METER VALVES

PART 1 - GENERAL

1.01 SCOPE

This Contractor shall furnish meter valve and accessories for cold water displacement meters (to be furnished and installed by the Department) and shall supply all labor, material and equipment necessary for a satisfactory installation.

1.02 RELATED SECTION

Section UC-080 - Meter Boxes, Sectional Plates and Vaults for Water Service

PART 2 - PRODUCTS

2.01 METER VALVE ASSEMBLY

A. Meter valves (inlet side of meter) for <u>single meter box</u> installations, including single meter boxes for multi-story buildings, shall be the lock wing type with coupling nut drilled for wire seal. The inlet end of the valve shall be for 1-inch copper tubing as specified herein, and the outlet end (coupling nut) shall connect to a 1-inch meter. The valves shall be as manufactured by the following or an approved equal:

Ford Meter Box. - Angle Inverted Key Meter Valves, No. KV23-444W

or

Mueller Co. - Angle Meter Stop, No. H-14255

3. Meter valves (outlet side of meter) for single meter boxes (multi-story building) shall be the plain type with coupling nut drilled for wire seal. The inlet end of the valves (coupling nut) shall be for 1-inch copper tubing as specified herein, and the outlet end shall connect to a 1-inch meter. The valves shall be as manufactured by the following or approved equal:

Ford Meter Box. - Straight Inverted Key Meter Valves, No. KV23-444W

or

Mueller Co. - Straight Inverted Key Meter Valves, No. H-14348

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C. Meter branch valve assemblies (inlet side of meter) with standard 7-1/2 inch spacing for dual meter boxes (two 5/8-inch water meters) shall be lock-wing types with coupling nuts drilled for wire seal. The inlet side of the branch valve assembly shall be for 1-inch copper tubing as specified herein, and the outlet side (coupling nut) shall connect to a 5/8-inch by 3/4-inch meter. The branch valve assembly shall be as manufactured by the following or an approved equal:

Ford Meter Box. - Branch Valve Assemblies, No. UV23-42WW

or

Mueller Co. - "U" branch connection No. H-15362 with 7-1/2 inch spacing, 3/4 I.P. male thread (outlet) and inlet for 1-inch

copper tubing

and

Angle meter stops No. H-14265 with 3/4-inch I.P. female thread (inlet), and coupling nut (outlet) for 5/8-inch by 3/4-inch meter and drilled for wire seal.

PART 3 - EXECUTION

(Not Used)

END OF SECTION

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