

Metropolitan Domestic Water Improvement District  
Supplemental Specifications and Details  
2016 Edition

Engineering Directive No.:	01-2021		Effective Date:	May 19, 2021
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**SUBJECT:** 1-INCH WATER SERVICES, STANDARD DETAIL MW-309

**PURPOSE:** This Directive clarifies the size of the Angle Meter Stop to be provided on the public side of residential water service installations.

This Directive is intended to reduce confusion regarding the appropriate angle meter stop size for residential services. The detail indicates the size is to be based on the meter size. Typical residential meter sizes are 5/8-inch or 3/4-inch, which require a 3/4-inch angle meter stop. Because the water service connection is 1-inch, this is often misinterpreted to mean the angle meter stop must be 1-inch, which necessitates additional fittings to connect the meter.

**GENERAL:** Metro Water Supplemental Standard Detail MW-309 shall be revised as follows: Page 4, Note 3: ANGLE METER STOP SIZE FOR RESIDENTIAL SERVICES SHALL BE 1-INCH X 3/4-INCH, UNLESS OTHERWISE NOTED ON PLANS.

**AUTHORITY:** Arizona Revised Statutes, Sections 48-901 through 48-1018, inclusive.

**PROCEDURE:** All residential water services installed after the effective date shall meet the requirements of this Directive as follows:

- a) For active construction projects, the contractor shall install 1-inch x 3/4-inch angle meter stops for 1-inch residential water service connections, unless otherwise noted on the plans, OR provide the District with suitable 1-inch x 3/4-inch adapters.
- b) For all construction that has not started as of the effective date of this Directive, the contractor shall install 1-inch x 3/4-inch angle meter stops for 1-inch residential water service connections, unless otherwise noted on the plans.

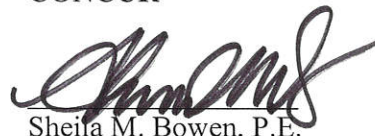
**PROCEDURAL RESPONSIBILITY:** The District Engineer for Metropolitan Domestic Water Improvement District or their designated representative is responsible for the enforcement of this Directive and the associated standards.

**RECOMMEND**



Timothy J. Dinkel, P.E.  
Engineering Manager

**CONCUR**



Sheila M. Bowen, P.E.  
District Engineer