

Metropolitan Domestic Water Improvement District
Supplemental Specifications and Details
2016 Edition

Engineering Directive No.:	03-2021		Effective Date:	May 19, 2021
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SUBJECT: APPROVED MATERIALS LIST

PURPOSE: This Directive clarifies the allowable pipe materials for pipe sizes 4-inch diameter and greater. Implementation of this Directive will reduce the number of pipe failures experienced and will standardize the pipe materials used in the distribution system.

GENERAL: Metro Water Supplemental Standard Specifications and Details, Appendix A MDWID Approved Materials shall be revised as follows: Page 1, Pipe Materials for pipe sizes 4-inch diameter and greater shall be Ductile Iron Pipe (DIP) with a minimum pressure class of 350, unless otherwise approved.

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

PROCEDURE: All water pipe sizes 4-inch diameter and greater installed after the effective date shall meet the requirements of this Directive as follows:

- a) For construction projects in process prior to the date of this Directive, pipe materials shall be as indicated on the approved plans or approved revision(s).
- b) Improvement plans submitted for design review prior to the date of this Directive will be reviewed under the previous standard.
- c) Improvement plans submitted for review on or after the date of this Directive will be reviewed in accordance with this Directive.

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