

METROPOLITAN UTILITIES DISTRICT

Inter-Department Communication

January 17, 2022

Subject: REVISIONS TO THE STANDARD SPECIFICATIONS FOR WATER MAIN CONSTRUCTION

To: District Holders

From: Jared Tomes, Engineer

The "Metropolitan Utilities District Standard Specifications for Water Main Construction" has been revised and will take effect January 17th, 2022; the changes are summarized below:

INDEX

The Index Page has been updated.

GENERAL CONDITIONS

C Section, Section 31 & Section 41, Payments, Part A

Replaced expired Digger's hotline number with 811. Added paragraph regarding retainage on Payment Applications.

SPECIFICATIONS

- 110 DUCTILE IRON PIPE FOR WATER DISTRIBUTION SERVICE
Changed the Pressure Class for pipes 6" to 16" to Special Thickness Class 52.
- 123 HIGH DENSITY POLYETHYLENE (HDPE) PIPE AND FITTINGS FOR WATER DISTRIBUTION SERVICE
Updated the cell classification of HDPE pipe and fittings to 445574C-CC3.
- 126 POLYVINYL CHLORIDE (PVC) PIPE FOR WATER DISTRIBUTION SERVICE
PVC pipe shall match outside diameter of ductile iron pipe. PVC pipe shelf life updated from 6 months to 2 years. Changed RJ Gaskets from Certainteed to NAPCO Certa-Lok™ C900/RJ™ PVC pipe or approved equal. Included, pipe shall be single layered with a spacer of 4" nominal thickness between layers and shall remain with the pipe upon delivery. Removed note for pipe being stored in sunlight.

CONSTRUCTION STANDARDS

- 1.6.1 AIR TAPS ON DUCTILE IRON, CAST IRON, PVC, AND HDPE WATER MAINS 16" OR SMALLER
Reversed order of elbow & nipple coming off corporation. Revised nipple size to 6"-12" from 3"-12".
- 2.0.1 VALVE DIRECTION MAP
Revised and deleted text, page 1. Created new map, page 2.
- 8.5.2 APPLICATION OF TAPES AND WRAPS FOR WATER MAINS
Revised to update/match application of tapes (gas standard) and current processes.

Please review each specification and standard and update your specification book with the attached copies.

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APPROVED:

A handwritten signature in blue ink, appearing to read "Bob Taylor". The signature is stylized with a large initial "B" and "T".

Bob Taylor, PE
Senior Design Engineer, Design Engineering