

THE METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY

WATER DISTRIBUTION SYSTEM

APPROVED MATERIALS
CONSTRUCTION SPECIFICATIONS
&
DETAILS



1600 SECOND AVENUE NORTH
NASHVILLE, TN 37208-2298

Scott A. Potter
Metro Water Services Director

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Metropolitan Mayor

INTRODUCTION

The Metropolitan Government of Nashville and Davidson County, through its Department of Water Services, presents this manual listing the approved manufacturers and distributors of various materials that may be used for construction of Water Distribution System lines and appurtenances.

Standard specification information is also presented as a guideline to architects and engineers in the preparation of detailed plans and specifications. Private contractors are encouraged to use the manual as a guideline in the purchase of materials for installation in the Water Distribution System.

We encourage users to notify Tommy Dodson at (615) 862-4857 of any inaccuracies, problems of performance of materials, or any changes or modifications necessary for the proper function of MWS facilities.

Manufacturers claiming equal status with listed organizations should apply to Metro Water Services, 1600 Second Avenue North, Nashville, TN 37208 ATTN: Tommy Dodson (615) 862-4857.

WATER SERVICE PIPE IN STREETS AND PRIVATE PROPERTY

Material shall be Type "K" copper pipe - 3/4", 1" and 2" in diameter.

On 2" services where there is a valve just off the main, a brass non threaded nipple may be used. The 2" valve will be MJ on both sides and will be rodded back to main.

Type "K" copper is used to provide water service to a new home, to reconnect a service to a new main and to replace existing old service line. It may be used also in air release and blow-offs.

Approved Manufacturers of Brass Fittings for Copper Water Service Lines (Flared Fittings)

Corporation Stops: Sizes 3/4", 1"

Mueller Company (H9971)

Hayes Water Service Products (5230)

The Ford Meter Box Company, Inc. (F-200)

McDonald Mfg. Co. (3120)

Quarter Bend Couplings: 3/4", 1"

Mueller Company (H-15490)

McDonald Mfg. Co. (4777)

The Ford Meter Box Company, Inc. (L102-33 & L102-44)

Copper to Iron Pipe Couplings - Male: 3/4", 1"

Mueller Company (H-15425)

Hays Water Service Products (5605)

The Ford Meter Box Company, Inc. (C28-33 & C28-44)

McDonald Mfg. Co. (4753)

Copper to Iron Pipe Couplings - Female: 3/4", 1"

Mueller Company (H-15450)

Hays Water Service Products (5600)

The Ford Meter Box Company, Inc. (C21-33 & C21-44)

McDonald Mfg. Co. (4754)

Copper to Copper Unions - Flared: 3/4", 1"

Mueller Company (H-15400)

Hays Water Service Products (5615)

The Ford Meter Box Company, Inc. (C22-33 & C22-44)

McDonald Mfg. Co. (4758)

Curb Stops: 3/4", 1"

Mueller Company (H-10201), B-24352-3

Hays Water Service Products (4300 L - Ball Valve - 3/4" only)

Approved Materials

Metro Water Services

1600 Second Avenue North

Nashville, Tennessee 37208

SERVICE LINES

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The Ford Meter Box Company, Inc.: (BL11233R - overall length = 3-1/2")
(BL11344F - overall length = 4-1/2"), B23-232-WR for $\frac{3}{4}$ ", B23-344-WR for 1"
McDonald Mfg. Co. (Inverted Plug - Type, Model 3061)
McDonald Mfg. Co. (Ball - Type, Model 6111):
3/4" overall length = 3-1/2"
1" overall length = 4-1/2"
For $\frac{3}{4}$ " #6110-MW-3/4X5/8X3/4 - For 1" #6110-MW-1X3/4X1

Approved Manufacturers of Brass fittings for Copper Services Lines (Compression fittings)

Corporation Stops Sizes 3/4", 1"

Mueller H-9971
Ford Meter Box Co. F200-X
McDonald Mfg. Co. 3120

Quarter Bend Couplings: 3/4", 1"

Mueller H-15492
Ford Meter Box Co. L104=33S=Q, Swivel style L04-xx S-Q
McDonald Mfg. Co. #4777Q

Copper to Iron Pipe Couplings - Male: 3/4", 1"

Mueller - H- 15428
Ford Meter Box Co. - C84=XX=Q
McDonald Mfg. Co. - #4753Q

Copper to Iron Pipe Coupling - Female: 3/4", 1"

Mueller H-15451
Ford Meter Box Co. - C14=XX=Q
McDonald Mfg. Co. - #4754Q

Copper to Copper Couplings - Compression: 3/4", 1"

Mueller H-15403
Ford Meter Box Co. C44=XX=Q
McDonald Mfg. Co. - #4758Q

Copper to Copper Service Fittings - Compression: 3/4", 1" (Unions, Tee, and Wye)

Mueller (H-15528-Eighth Bend Union), (H-15526-Quarter Bend Union),
(H-15381-Service Tee), (H-15343 3/4"X 1"-Two Branch-Short Body Tee)
Ford Meter Box Co. (T444-XXX-Q - Quick Joint Tee)
McDonald Mfg. Co. (#08YSQQ- 1"X3/4"X3/4" WYE)-(#4760Q-Tee)

Curb Stops: 3/4", 1"

Mueller B-24353
Ford Meter Box Co. (B43-XXX-W=Q style), (B43-2XX-W=G style , or Q style)
McDonald Mfg. Co. (#6110MWQ 3/4"X5/8"X3/4"), (#6110MWQ 1"X3/4"X1")

