



Orange Water Department

16 West Myrtle Street
Orange, Massachusetts 01364
Telephone: 978-544-1115 • Fax: 978-544-1122

Water Commissioners
Donald Barnes
Donald Priestley
Richard Kilhart

Superintendent
Bruce A. Merriam

Regular Meetings
2nd & 4th Mondays
7:00pm

SPECIFICATIONS

Pipe	All pipe will be class 52 double cement lined ductile iron pipe. U.S. Pipe or Griffin. Tyton Push On Gasket Joints.
Hydrants	M&H Dresser 929, 5 1/4" barrel, (2) 2 1/2" nozzles, (1) 4 1/2" steamer nozzle all must have National Standard Thread. Hydrants shall be OPEN RIGHT with break flange. Hydrants shall have drain valve.
Gate Valves	M&H, Clow, or US Pipe resilient seated wedge valves. Butterfly valves will be required on valves 16" or larger. Valves shall be OPEN RIGHT .
Fittings	All fittings will be cast of ductile iron and shall be mechanical joint. They shall be restrained with the (MEGA LUG) retainer gland.
Repair Couplings	Hymax
Saddles	Dresser, Smith Blair, Mueller, Romac, Ford. ALL SADDLES MUST BE DOUBLE BAND, STAINLESS STEEL.
Service Corporations	Mueller, Ford, Red Hed, McDonald T Compression. All corporations must be ball type and CC Thread x Compression.
Curb Stops	Mueller, Ford, Red Hed, McDonald T Compression. Compression x Compression.



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Plastic Tube	Must be rated for 200 PSI. Sizes 3/4", 1", 1 1/2", 2" ONLY .
Copper Tube	Type K copper ONLY .
Ball Valves	Ford ball valves with compression grip ring. Must be supplied with handles.
Service Repair Couplings	Mueller, Ford, Dresser, McDonald T Compression.
Water Meters	Trident-10 with low flow indicator. Measurement must be in cubic feet. R-900 Radio remote for outside reading. Meters larger than 1" are to be purchased by the customer and upon installation become property of the Orange Water Department.
Meter Connectors	Ford, Mueller, McDonald.
Repair Sleeves	"Wrap Around" Stainless steel in all sizes.
Curb Boxes	Shall be made in North America. Box cover shall be marked Water . 2 1/2" Shaft with overall length of 5' 6".
Valve Boxes	Shall be made in North America. Box cover shall be marked Water . 6 1/8" Top section, 5 1/4" bottom section. No three piece combinations. Note: All boxes shall be cast iron, asphalt coated, and adjustable sliding type.