SPECIFICATIONS

Pipe
All pipe will be class 52 for pipe up to 12", and class 51 for pipe larger than 14' diameter, Double cement lined ductile iron pipe. U.S. Pipe, Griffin, American Cast Iron Pipe Co., or McWane Ductile. 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.

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 then 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.