



City of Odessa
 Department of Public Works and Engineering
 Approved Material List for Water Distribution System
 Effective Date - March 10, 2022

AML#	Product Description	Manufacturer	Model	Remark
W-1	Tapping Sleeve	Ford	FTSS	Stainless steel, stainless steel flanged outlet with recessed cavity for mating to tapping valve; requires a full-facing gasket; minimum working pressure of 150 psi and 316 stainless steel removable bolts with coating to prevent galling.
		Romac	SST III	
		Smith Blair	665	
W-2	Service Saddles 1" to 2" Taps	Ford	FC 202	For concrete cylinder pipe (4" and larger taps) approval on case-by-case basis using the pipe manufactures guidelines
		Ford	FCD 202	
		Romac	202 NS	
W-3	Fire Hydrants	Mueller	Super Centurion	Max. bury depth is 5 ft. (including height adjustment adapters). Color to be Yellow. Effective date August 1, 2010
		M & H	Model 129	
W-4	Gate Valves Sizes 4" through 12"	Mueller	n/a	All gate valves are resilient wedge type, mechanical joint or flange, 2" square block operating nut.
		M & H	n/a	
		Clow	n/a	
		American Flow Control	n/a	
W-5	Gate Valves Sizes 14" and Larger	Mueller	n/a	
		M & H	n/a	
		Clow	n/a	
W-6	Tapping Valves Sizes 4" through 12"	Mueller	n/a	All tapping valves are resilient wedge type with tongue and groove type to fit for the tapping saddle cavity for auto centering of the valve in the saddle.
		M & H	n/a	
		Clow	n/a	
		American Flow Control	n/a	
W-7	Tapping Valves Sizes 14" and Larger	Mueller	n/a	
		M & H	n/a	
		Clow	n/a	
W-8	Compression Curb Stops (Ball Valves with Grip Rings & Lock Hoops)	Ford		Curb stops will be full port, double O-ring, locking wing, and 1/4 turn for on and off position. Sized 3/4" to 2" curb stops (ball valves) for 3/4" and 1" will be CC outlet. Curb stops (ball valves) 2" size will be 2" IPT inlet and 2" meter flange outlet. The 2" (ball valves) will be 2" female compression and 1-1/2" meter flange outlet. All ball valves are 360 rotation with locking wing. Angle Stops* Contact Utility Department
		1" Straight	B41-444WR-G-NL	
		1" Angle	BA41-444WR-G-NL	
		2" Straight	BFH43-777WR-G-NL	
		2" Angle	BFA43-777WR-G-NL	
		Mueller		
		1" Straight	G-25170-1-NL	
		1" Angle	G-24274-1-NL	
2" Straight	G-24335-2-NL Flanged Double Drilled for 1.5" & 2"			
2" Angle	G-24276-2-NL			
W-9	Compression Corporation Stops with Grip Rings	Ford		Corporation stops will be CC thread inlet and outlet for 3/4" & 1" and CC thread inlet and FIP outlet for 2". Note, the city does not use 1-1/2" corporation stops. The tap and service line for 1-1/2" meter applications will be constructed using 2" tap and 2" service line and a 2" x 1-1/2" .
		1"	FB1000-4-G-NL	
		2"	FB1000-7-G-NL	
		Mueller		
		1"	G-25008-1-NL	
2"	G-25008-2-NL			
W-10	Brass Fittings	Mueller	Brass	All brass fittings used to splice or connect to flared copper or HDPE service lines and meter brass will be the listed brand. Flare fittings will not be acceptable.
		Ford	Brass	
		AY McDonald	Brass	
W-11	Protective Wrapping	n/a	n/a	All mechanical joint connections, tapping sleeves and service saddles will be wrapped with a 8 mil low-density polyethylene material to protect it from contact with the backfill material and concrete.
W-12	1" x 3/4" Bushing	Mueller Ford	BBAA-43	
W-13	Meter Coupling/Nipple	3/4" - 2.5" Long	C38-23-2.5-NL	
		1" - 2" Long	C38-44-2-NL	
W-14	Megalugs	EBA	Iron Series 1100	Iron Series 1100 for D.I. or 2000PV for PVC approved equal. STAR Pipe Product Series 4000 PVC. Series 3000 Ductile Iron All Mechanical Joint Connections

DRAWN BY: MS,
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 SCALE: N T S