

City of Iowa City Water Division
Accepted Products for Water Distribution Materials
(Revised January 2022)

WATER PIPE: (Ductile) ANSI/AWWA – A21.51/C151

American, McWane, U.S. Pipe/Griffin

WATER PIPE: (PVC) AWWA - C900 Pressure Class 150, DR 18

JM Eagle Blue Brute and Eagle Loc; CertainTeed Certa-Lok C900/RJ or C900/RJIB for directionally bored or restrained joint piping

RESTRAINED JOINT PIPE GASKET: ANSI/AWWA C111/A21.11

American Fast-Grip, Amarillo Fast-Grip; McWane Sure Stop 350; SRP Barracuda; U.S. Pipe Field Lok 350

MECHANICAL JOINT RESTRAINT DEVICE: With NSS Cor-Blue Nuts & Bolts

EBAA 1100 and 2000 PV; Tyler Union TUFgrip 1000, 1000S, 1500, 2000, and 2000S

FITTING: ANSI/AWWA A21.10/C110 or C153, 350 psi

Romac Alpha (XL) End Cap, Sigma, Tyler Union, U.S. Pipe

TAPPING SLEEVE: (Full Body Ductile Iron) Stainless Steel and/or NSS Cor-Blue Nuts & Bolts

American Flow Control-Series 2800, Kennedy, Mueller-H615, Tyler Union

TAPPING SLEEVE: (Stainless Steel with 304* Stainless Steel Flange)

Ford FAST, JCM-432, Mueller H304, Romac SST, Smith-Blair 665, TPS Triple Tap Series TS

VALVE: (Resilient Seated Gate Valves) ANSI/AWWA C509, Open Counterclockwise

AVK Series 45, Clow 2639 and 2640 F-6100, Kennedy 8571 SS, Mueller A-2362-20

VALVE: (Butterfly) ANSI/AWWA C504, Class 150B or Class 250B, Open Counterclockwise

Clow, DeZurik, GAV 800 Series, Kennedy, M & H, Mueller, Pratt Groundhog, Val-Matic

VALVE: (Tapping) ANSI/AWWA C509, Open Counterclockwise

Clow 2639 and 2640 F-6114, Kennedy 8950 SS, Mueller T-2362-16

VALVE BOX: Slip Type, Heavy Duty

Sigma VB467-35 Top Section with Top Flange, Star Pipe VB-0007; Tyler Union Series 7126, Range 39"-60"

VALVE BOX CENTERING RING:

Adaptor, Inc Valve Box Adaptor II or equivalent

FIRE HYDRANT: AWWA C502, Open Clockwise, 4.5-inch main valve for pipes < 12-inch or 5.25-inch main valve for pipes >= 12-inch, and pumper nozzle integral Storz fitting with 1.5-inch pentagon nut, latches, and chains

American Darling Mark 73-5, American Darling B-84-B-5, Clow F-2545 Medallion with all stainless-steel shaft, Mueller Super Centurion 250

STAINLESS STEEL REPAIR CLAMP: AWWA C230, With Stainless Steel Nuts & Bolts

AY McDonald 425/435 Series Teck, Romac SS1, Smith-Blair 261

SLEEVE TYPE COUPLING: AWWA C219, With Stainless Steel Nuts & Bolts

Hymax 2 Wide Range Coupling, Romac Style 501, Romac Alpha (XL) Wide Range Restraint Coupling, Romac Macro HP Two-Bolt Coupling, Smith-Blair Top Bolt 421, Smith-Blair 441

TRACER WIRE TERMINAL BOX:

Copperhead SnakePit LD14BTP, CD14BTP, RB14BTP

TRACER WIRE CONNECTOR:

Copperhead Industries Snake Bite Locking Connector LSC1230B, Copperhead Industries Direct Bury Single Connector, Twister DB Plus Wire Connector Model 60

TRACER WIRE: #12 AWG, Blue in Color

Copperhead, Kris Tech

FREEZELESS YARD HYDRANT:

Woodford Mfg Iowa Model Y34 and YI

SERVICE SADDLE: ANSI/AWWA C800 NL (no lead)

AY McDonald 3845, Ford 202BS, Smith-Blair 325

CORPORATION VALVE: ANSI/AWWA C800, Compression Ball Type

AY McDonald 74701BQ, Mueller B-25008N

BALL CURB VALVE: ANSI/AWWA C800, Compression Connection for CTS OD Tubing

AY McDonald 76100Q, Mueller B25209N

CURB BOX: ANSI/AWWA C800, Arch Pattern, 5-foot Length (Telescope 1-foot), Slide Style, with 42" Stainless Steel Rod & Cotter Pin

AY McDonald 5601 and 5603 with 5660SS

CURB BOX LID: "W" or "Water" Label on Lid

Cement Applications: AY McDonald 5607L

All Other Applications: AY McDonald 5601L

STRAIGHT 3-PART UNION: ANSI/AWWA C800

AY McDonald 74758Q, Mueller H-15403N, Cambridge Coupling

POLYETHYLENE WRAP: AWWA C105, 8 mil

V-Bio Enhanced, approved equivalent