

North Liberty Water Department

(5/15/2017)

Accepted Products for Water Distribution Materials

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

American, Clow, Griffin, McWane, and US Pipe

Class 52 for direct bury piping unless otherwise indicated or specified.

Class 53 for suspended from structures and bolted or restrained joint pipe

WATER PIPE: (PVC) (Class 150) – C900

C900 thickness class DR18 (6" thru 10")

FITTINGS: (Ductile Iron Standard) ANSI/AWWA – A21.10/C110,

3" to 24"-350 psi (Ductile Iron Compact) AWWA C153, 350 psi

Clow, Tyler/Union, U.S. Pipe, or Sigma

TAPPING SLEEVES: (Full Body Ductile Iron With Stainless Steel and/or NSS Cor-Blue Nuts and Bolts) for 12" and larger or under pavement

Mueller - H615, Kennedy, Tyler/Union, American Flow Control - Series 2800, or U.S. Pipe - T-9

TAPPING SLEEVES: (Stainless Steel)

Smith Blair - 662 or 663, Ford FAST, Mueller-H304, Romac SST, JCM-432

Smith Blair -665 or Cascade CST-EX 3655 with nitrile gaskets to be used in L.U.S.T. areas

Triple Tap Series TS

MECHANICAL JOINT RESTRAINT DEVICE: (Megalug – with NSS Cor-Blue Nuts and Bolts)

Ebaa Iron Sales Inc. – 1100 series for ductile iron

2000 PV for PVC

STAINLESS STEEL REPAIR CLAMPS: (With Stainless Steel Nuts & Bolts)

Smith-Blair-261, Ford FS1, Romac SS1

VALVES: (Resilient Seated Gate Valves) ANSI/AWWA – C509

Clow F-2640, Kennedy 8571 SS, Mueller Resilient Seat - A-2360-20, or

U.S. Pipe - USPO-23-without accessories or USPO-20-with accessories

VALVES: (Butterfly) ANSI/AWWA C504, Class 150B

Clow, Pratt, Mueller, Kennedy, M & H, DeZurik or Val-Matic

VALVES: (Tapping)

Clow – F-2640, Mueller – T-2360-16, Kennedy 8950 SS, U.S. Pipe – A-USPO-16

VALVE BOXES:

Tyler – (Series 6855 & Item 666A, Range 63” to 83”)

HYDRANT S AWWA C502 (minimum 5¼” barrel) (Standard Threads (NST) on the two and one-half (2 1/2) inch connections and five (5) inch Storz connection) (color red) (opening counter clockwise)

Clow F-2545 Medallion, Mueller Super Centurion 250, Waterous Pacer WB-67-250

SLEEVE TYPE COUPLING: (With Stainless Steel Nuts & Bolts)

Standard solid black sleeve – Tyler/Union 5-1442, Griffin

Bolted Straight Coupling with stainless steel bolts and nuts – Smith-Blair 441 or Romac Style 501

TRACER WIRE TERMINAL BOX (DAYLIGHT BOX):

U.S. Filter, WaterPro or Utility Equipment - Valvco –95E –2 ½” ID with lockable cast-iron lid – minimum 18” long, telescoping

TRACER WIRE CONNECTORS:

Twister DB Plus Wire Connector

POLYWRAP:

8 mil polyethylene encasement

WIRE:

#12 solid copper, THHN insulation in yellow, orange or blue

SERVICE SADDLES: ANSI/AWWA – C800/C900

AY McDonald or Smith Blair double stainless steel straps, studs, washers, nuts with brass body

CORPORATION VALVES: ANSI/AWWA C800

AY McDonald or Mueller ball style rated for minimum 300 PSIG water pressure

BALL CURB VALVES: ANSI/AWWA C800

AY McDonald or Mueller ball style rated for minimum 300 PSIG water pressure

CURB BOX ARCH PATTERN: ANSI/AWWA C800 – with stainless steel rod and cotter pin

AY McDonald 5607LTW with 5660SS-5’ shut off rod