

City of University Park
APPROVED MATERIALS – Revised 01/02/2026

These are preferred brands. The City may still consider other brands, but a sample will be required in order for the City to determine whether the item is a true equivalent.

I. FIRE HYDRANTS

- *Mueller “Super Centurion 250” A-423*
- *Kennedy “K81D Guardian”*
- *Clow “Medallion”*
- *American AVK Series 2780*
- *East Jordon Iron Works – EJ WaterMaster 5CD250 – University Park Hydrant*

II. VALVES

- *Clow Resilient Wedge*
- *Mueller Resilient Wedge*
- *American Darling Resilient Wedge*
- *U.S. Pipe & Foundry “Metro-Seal” Resilient Wedge*
- *American Flow Control – Series 2500 Resilient Wedge Valve*
- *American AVK Resilient Seated Gate Valve Series 25, 2” – 12”*
- *Kennedy KW-RS Resilient Seated Gate Valve, 2” – 12”*
- *American Darling Butterfly*
- *Mueller Butterfly*
- *Pratt Butterfly*

*****2” valves will be FIP, screw end with 2” square operating nut*****

*****Open left with stainless steel fasteners, Type 316*****

III. VALVES – AIR RELEASE/COMBINATION AIR & VACUUM

- *Iowa F-3066 Air Release*
- *Golden Anderson Figure 950 – Kinetic Custom Combination Air Valve*
- *A.R.I. D-040 Combination Air Valve*
- *A.R.I. D-040-I D-040-V D-040-NS Combination Air Valve – One Way*
- *A.R.I. D-020 Combination Air Valve for Wastewater*
- *A.R.I. D-021 Combination Air Valve for Wastewater – Mini*
- *Or approved equals*

IV. CORPORATION STOPS – (MUST BE NO LEAD)

- *Mueller “B-25008” Corporation Stop - CC Thread x, CTS Compression for 3/4” and 1”*
- *Ford “FB1000-3-Q for 3/4” and “FB1000-4-Q” – 1”*
- *Or approved equals*

V. ANGLE STOPS – (MUST BE NO LEAD)

- *Mueller “B24258” for 3/4” & 1” and “B-24276” on 1 ½” - 2”-Compression x Meter Swivel Nut on 3/4” & 1” and Compression x Meter Flange on 1 ½” - 2”*

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- Ford “BA43-332WQ” on 3/4" & “BA43-444-WQ” on 1" & “BFA43-777-WQ” on 1-1/2" & 2"-
Compression x Meter Swivel Nut on 3/4" & 1" and Compression x Meter Flange on 1 ½" & 2"
- Mueller “B24265” - 3/4" & 1" Angle Ball Stop – FIP X FIP (uses standard meter spud/nut)
- Ford “BA13-332W – 3/4" Angle Ball Stop – FIP X FIP (uses standard meter spud/nut)
- Ford “BA13-444W – 1" Angle Ball Stop – FIP X FIP (uses standard meter spud/nut)
- Mueller “B24276 – 1-1/2" Angle Ball Stop – CTS X Meter Flange (drilled for both 1-1/2 & 2")
- Ford “BFA43-666WQ” – 1-1/2" Angle Ball Stop – CTS X Meter Flange (drilled for both 1-1/2 & 2")
- Or approved equals

VI. TAPPING SLEEVES AND SERVICE SADDLES

A. Sleeves

- Mueller H-304SS Tapping Sleeve w/ Stainless Steel Flange
- Mueller H-304MJ Tapping Sleeve w/ Stainless Steel Flange
- Dresser Style 630 Heavy Stainless Steel Tapping Sleeve
- PowerSeal Model 3490 Stainless Steel Tapping Sleeve
- PowerSeal Model 3490MJ Stainless Steel Tapping Sleeve
- Ford All Stainless Tapping Sleeve Style FTSS
- Ford All Stainless Tapping Sleeve Style FTSS-MJ
- Smith–Blair 665 Stainless Steel Tapping Sleeve with Stainless Steel Flange
- Smith–Blair 665MJ Stainless Steel Tapping Sleeve with Stainless Steel Flange
- Romac Industries, SST III
- Romac Industries, SST III-MJ

B. Saddles

- Dresser Style 291 Doublewide Stainless Steel Strap Service Saddle
- Mueller DR2S Series Double Strap Ductile Iron Saddle
- PowerSeal Model 3417 Ductile Iron Saddle with Straps
- Smith–Blair “317” Double Stainless Steel Strap Saddle
- Ford “FC202” Nylon Coated Double Strap Saddle
- Romac “202N” Double Strap Service Saddle
- JCM 406 Double Stainless Strap Coated Service Saddle – 1" thru 12"

****NOTE** - ALL OF THE ABOVE SERVICE SADDLES ARE TO BE CC THREAD FOR 3/4" AND 1" AND IP THREAD FOR 2". SADDLES MUST BE SUPPLIED WITH STAINLESS STEEL BOLT/NUT/WASHER. DUCTILE BODY SADDLES MUST BE FUSION BONDED EPOXY/NYLON. STAINLESS TAPPING SLEEVES MUST BE SUPPLIED WITH STAINLESS BOLT/NUT/WASHER AND FLANGE.**

VII. DUCTILE IRON FITTINGS (C110 OR C153)

- Tyler Pipe Products
- Clow Products
- Star Pipe Products
- Sigma/Napco Products
- Griffin Pipe Products

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VIII. VALVES STACKS AND BOXES

- *Bass & Hays Pattern #340-1 (Shorty) Valve Box (C-900/SDR-26 Pipe for the Stacks)*
- *Bass & Hays Complete Box (2436-S) with Drop Lid*
- *Tyler Union #6895 (Shorty) Valve Box (C-900/SDR-26 Pipe for the Stacks)*
- *Tyler Union Complete Box (Screw Type #6850) with Drop Lid*
- *AccuCast Shorty Valve Box, Model #115002 (C-900/SDR-26 Pipe for the Stacks)*
- *AccuCast Standard Valve Box, Model #111100*
- *Sigma "Shorty" Valve Box (C-900/SDR-26 Pipe for the Stacks)*

IX. RESTRAINT (RETAINER) GLANDS

- *Uni-Flange Series 1400 for 4" thru 12" (Ductile) & Series 1500 for 4" thru 12" (PVC)*
- *EBAA Iron 1100 Series Megalug – Ductile Iron*
- *EBAA Iron 2000PV Series Megalug – C900*
- *Stargrip Series 4000 – C900 PVC*
- *Stargrip Series 3000 – D.I. Pipe*
- *Sigma – One Lok for C900/905 Pipe*
- *Tyler Union – Series 1500 Dual Wedge for PVC, Ductile & HDPE – DOMESTIC SUBMITTAL ONLY*

X. METER BOXES – (all round boxes MUST have ductile iron ring. Cover/lid for any round box is the DFW Plastics Lid (large boxes have option for plastic or ductile iron cover))

- *Bass & Hays – P34TD18 (round box)*

Bass & Hays – P34P14D 3LID1 (round box)

- *B2O – 18PGMB (round box)*
- *EGW – White Rhino Meter Box WRMC 1818 (round box)*
- *DFW Plastics – DFW 1324C-18-IBAF (large box)*
- *DFW Plastics – DFW 1324B-18-BODY (large box – body only, no lid)*
- *DFW Plastics – DFW 321-31-65 (large box – ductile iron lid only for 1324 box)*
- *Bass & Hays – PMSBC1(1324-LID1) – (large box lid for DFW 1324 box)*

XI. WATER LINE PIPING

- *Type "K" Soft Copper (smaller than 2")*
- *C-900 PVC – (CL305 DR14, 6" – 12")*
- *C905 PVC Pipe – DR18 (235 psi – 14"+)*
- *DI – (CL50 & CL51, >16")*
- *AWWA C901 – Solid Wall High Density Polyethylene Pipe (HDPE-1" and 2" only)*

XII. WATER LINE APPURTENANCES

- *PVC--ASTM D3139, ASTM F477*
- *Ford pipe inserts (1" and 2"—51, 52, 55)*
- *DI—ANSI/AWWA C111/A21.11*

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XIII. SEWER LINE PIPING

- SDR-35 PVC (4"-15" —ASTM D3034, 18" and greater—ASTM F679)
- SDR-26 PVC (CL160 ASTM D2241 "PRESSURE PIPE")

XIV. SEWER LINE JOINTS

- SDR-35—ASTM D3212
 - (i) Napco G-Series Gasketed Fittings (GRAVITY)
 - (ii) Napco H-Series Gasketed Fittings (NON-PRESSURE RATED)
- SDR-26—JOINTS—ASTMD3139, GASKETS—ASTMF477
 - (i) Napco T-Series IPS Gasketed Fittings (PRESSURE RATED)

XV. MANHOLES, RING/COVERS, WASTEWATER ACCESS CHAMBERS & CLEANOUTS

A. Manholes

- Forterra Precast Sanitary Manhole
- LF Manufacturing Fiberglass Manhole
- Poured in place manhole(s)
- Bass & Hays HM-30 Sanitary Sewer Cover
- Bass & Hays VRM 30 Storm Sewer Cover
- Bass & Hays 226L Storm Sewer Cover
- Certain Teed PAMPREX 32" Hinged Manhole Ring & Cover w/PENTA or SCS Locking Kit
- East Jordan Iron Works – 30" ERGO XL w/ Camlock Security closing device
- JM Eagle Wastewater Access Chamber 6"-12"
- Or Approved Equal

B. Cleanouts (Property Line)

- Bass & Hays Bolted cleanout cover

XVI. BRASS — for any other brass part besides corporation or angle stops (MUST BE NO-LEAD)

- Mueller
- Ford (must have "Q" in part #)
- Or approved Equal

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The below materials are for City of University Park use only – no contractor use without approval of Public Works Director or Infrastructure Maintenance Superintendent.

FULL CIRCLE, STAINLESS STEEL REPAIR CLAMPS

- Ford Style F1
- Dresser Style 360 Repair Clamp
- Smith Blair Style 226
- Romac Industries, CL1
- PowerSeal 3141

****NOTE: CLAMPS MUST BE SUPPLIED WITH STAINLESS STEEL BOLT/NUT/WASHER. CLAMPS MUST HAVE A MINIMUM OF 3 BOLTS. STAINLESS STEEL LUGS MAY BE SUBSTITUTED FOR DUCTILE IRON.****