

**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 1/2"- 2"-Compression x Meter Swivel Nut on 3/4" & 1" and Compression x Meter Flange on 1 1/2"- 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 1/2" & 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.\*\*