



***DESIGN and CONSTRUCTION MANUAL for***  
**MUPB UTILITIES**

## **APPENDIX K**

### **MUPB MATERIALS MANUFACTURERS**



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### **APPENDIX K: MUPB MATERIAL MANUFACTURERS**

#### **K.1. WATER FACILITIES**

<b>MATERIAL/ITEM</b>	<b>APPROVED MANUFACTURER</b>
Air Release Valve	ARI or Engineer Approved Equal
Aluminum Hatch	Halliday, BILCO or Engineer Approved Equal
Precast Meter Vault	Old Cast, Sherman Dixie or Engineer Approved Equal
Solid Cooper Tracing Wire 12 AWG w. 30 MIL HDPE Insulation	State Origin or Engineer Approved Equal
Customer Individual Pressure Reducing Valve	Watts or Engineer Approved Equal
Customer Meter	Badger M25, M70, M170, M120 or Engineer Approved Equal
<b>Customer Meter Box &amp; Cover</b>	
Customer Meter Resetter	Ford or Engineer Approved Equal
Customer Meter Tandem Setter	Ford, AY McDonald or Engineer Approved Equal
Double Strap Service Saddles for DI Pipe	Ford F202 or Engineer Approved Equal
<b>Dual Disc Check Valve</b>	<b>N/A</b>
Fire Hydrant Assembly w/Flexible Tee	American-Darling, Kennedy or Engineer Approved Equal
Yard Hydrant	Woodford X34 or Engineer Approved Equal
<b>Full Circle Repair Clamps (all stainless steel)</b>	<b>Mueller, Smith &amp; Blair, Ford, Powerseal, Cascade or Engineer Approved Equal</b>
Grip Rings	Star or Engineer Approved Equal
Gate Valves	Mueller Resilient Seat or Engineer Approved Equal
Mainline Pressure Reducing Valve	Bermad or Engineer Approved Equal
<b>Pipeline Marking Posts</b>	
Master Meter	Badger or Engineer Approved Equal
MJ Fittings Compact/Full Body MJ Packs	McWayne (Tyler/Union, Clow), Griffin, US Pipe, American DI Pipe or Engineer Approved Equal
<b>Pressure Gauges</b>	



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<b>MATERIAL/ITEM</b>	<b>APPROVED MANUFACTURER</b>
Restraint Joint Collar Fittings	Mueller, McWayne, Ford, EBBA or Engineer Approved Equal
Service Tubing – Polyethylene Tubing (CTS Service Tubing)	ENDOT Blue 250 psi or Engineer Approved Equal
Tapping Valves and SS Sleeves w/SS bolts	Mueller, Ford or Engineer Approved Equal
Telemetry	MicroComm
Underground Detectable Tape	State Origin or Engineer Approved Equal

### **K.2 GRAVITY SANITARY SEWER**

<b>MATERIAL/ITEM</b>	<b>APPROVED MANUFACTURER</b>
Precast Manholes	Old Cast, Sherman Dixie or Engineer Approved Equal
Cast Iron Manhole Lids & Frames	J.R. Hoe & Son or Engineer Approved Equal
Composite Manhole Lids & Frames	CAPone or Engineer Approved Equal
Cast Iron Water Tight Manhole Lids & Frames	Tigre, Charlotte Pipe or Engineer Approved Equal
PVC Cleanout Cap	Mueller, Ford or Engineer Approved Equal
Pipe Manhole Connects	Kor-n-seal or Engineer Approved Equal
Manhole Lid Inflow Inserts	Marlex HXM or Engineer Approved Equal
Casing Spacers	Advance Product or Engineer Approved Equal
Manhole Chimney Seals	Cretex or Engineer Approved Equal

### **K.3. PRESSURE SANITARY SEWER**

<b>MATERIAL/ITEM</b>	<b>APPROVED MANUFACTURER</b>
Combination Air Release Valve	ARI or Engineer Approved Equal
Aluminum Hatch	Halliday, BILCO or Engineer Approved Equal
Precast Valve Vaults	Old Cast, Sherman Dixie or Engineer Approved Equal
Precast Concrete Wet Wells	Old Cast, Sherman Dixie or Engineer Approved Equal
Fiberglass Wet Well	
Cast Iron Manhole Lids & Frames	J.R. Hoe & Son or Engineer Approved Equal



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<b>MATERIAL/ITEM</b>	<b>APPROVED MANUFACTURER</b>
Composite Manhole Lids & Frames	CAPone or Engineer Approved Equal
Cast Iron Water Tight Manhole Lids & Frames	Tigre, Charlotte Pipe or Engineer Approved Equal
DI Check Valve Flanged	Mueller, Ford or Engineer Approved Equal
DI Plug Valve Flanged or MJ	
Pressure Gauges	
Pressure Transducer	
Residential Grinder Pumps	Liberty or Engineer Approved Equal