



White House  
Utility District

WATER & WASTEWATER

Approved  
Large Meter &  
Water Construction  
Materials

April 1, 2011

**WHITE HOUSE UTILITY DISTRICT**  
**LARGE METER AND WATER CONSTRUCTION MATERIALS**

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**Material List Index**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
Page 2	Pages 2-3	Page 3	Page 3		Pages 3-4		Page 4		
<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>
	Page 4	Pages 4-6			Page 6		Page 6	Page 7	Page 7
<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>				
	Pages 7-8								

**WHITE HOUSE UTILITY DISTRICT  
LARGE METER AND WATER CONSTRUCTION MATERIALS**

**A.**

**1. Air Release Valve**

<u>Manufacturer</u>	<u>Model Number</u>
A.R.I.	S-050 (3/4" & 1") D-040 (2")

**Note:** Sizes greater than 2" will be specified on plans by the W.H.U.D. Engineer

**2. Air Release Valve Boxes (Must have a solid Cast Iron Lid)**

<u>Manufacturer</u>	<u>Model Number</u>
Carson or Mid States Plastics	MSBCF-1730-18XL

**B.**

**1. Ball Valves (Full Port) for Air Release Assemblies & Test Ports**

<u>Manufacturer</u>	<u>Model Number</u>
A.Y. McDonald	Series 2132T
Nibco Inc.	Model T-FP-600N
Red White Valve Corp.	Model 5044F
Watts Safety & Flow Control Products	Model FBV-3C
Or Approved Equal	

**2. Ball Valves for Residential Irrigation Services**

<u>Manufacturer</u>	<u>Model Number</u>
A.Y. McDonald	Series 6101WW
Ford Meter Box Co.	Model B11-233-WW
Or Approved Equal	

**Note:** These ball valves are used when the irrigation service is supplied from the customer's domestic line downstream of the meter.

**3. Blow Off Hydrants**

<u>Manufacturer</u>	<u>Model Number</u>
M&H Valve	Model #2-333-W36-3 (2")
Kupferle Foundry Mainguard	Model #7500 (4")

**4. Blow Off Hydrants - Automated**

<u>Manufacturer</u>	<u>Model Number</u>
Kupferle Foundry Eclipse	Model #9400

**5. Brass Compression Fittings**

<u>Manufacturer</u>	<u>Model Number</u>
A.Y. McDonald	Model 4753T Male X CTS Compression fittings (3/4" thru 2")
Ford Meter Box Company	Model C84-XX-G Male X CTS Compression fittings (1/2" thru 2") Model C84-XX-Q Male X CTS Compression fittings (1/2" thru 2")
Mueller Corporation	Series 110 compression fittings
Or Approved Equal	

**WHITE HOUSE UTILITY DISTRICT  
LARGE METER AND WATER CONSTRUCTION MATERIALS**

**6. Brass Nipples & Fittings for RPBP's, Air Release Valves & Meter Test Ports**

<u>Manufacturer</u>	<u>Model Number</u>
General Pipe Works Brass	
Missouri Pipe Fittings Co	
Merit Brass Inc	
Or Approved Equal	

**C.**

**1. Camlock Fittings - (Must be of Aluminum Construction, Adapter x Female w/ Dust Cap)**

<u>Manufacturer</u>	<u>Model Number</u>
Hose Xpress Inc	Model 200-A-AL Model 200-DC-AL
PT Coupling Co.	Model 20A Model 20V
Or Approved Equal	

**2. Casing Pipe - Steel**

<u>Manufacturer</u>	<u>Model Number</u>
Lally Pipe & Tube	See WHUD Specifications for Wall and Yield Strength Requirements
Saginaw Pipe	
Southland Pipe & Supply	
Or Approved Equal	

**3. Casing Spacers**

<u>Manufacturer</u>	<u>Model Number</u>
Advanced Product Systems Inc	SSI-8 or SSI-12
Cascade (CCI)	
BWM	SS-8

**4. Corporation Stops**

<u>Manufacturer</u>	<u>Model Number</u>
A.Y. McDonald Mfg. Co.	4701BQ (3/4" & 1")
Ford Meter Box Company	FB1000-3-Q (3/4") FB1000-4-Q (1") FB1000-3-G (3/4") FB1000-4-G (1")
Mueller Valve	Series 300, B-25008 (3/4" & 1")

**D.**

**1. Dresser Coupling**

<u>Manufacturer</u>	<u>Model Number</u>
Dresser	Model 253
JCM Industries Inc.	Model 242 Model 210
Smith Blair	Model 462 Long Sleeve
Or Approved Equal	

**Note:** Dresser Couplings & MJ Sleeves must be long bodied & fusion bonded epoxy coated.

**E.**

**1. Fitting Restraints**

<u>Manufacturer</u>	<u>Model Number</u>
Ford Meter Box Company	Series 1400
EBAA Megalug	Series 1100
Sigma	One-Lok MJ Restraint
Star Pipe Products	Star Grip Series 3000
Tyler/Union	TUF Grip Series TGP

**WHITE HOUSE UTILITY DISTRICT**  
**LARGE METER AND WATER CONSTRUCTION MATERIALS**

**2. Fittings**

<u>Manufacturer</u>	<u>Model Number</u>
Sigma	C153
Tyler/Union	C153
U.S. Pipe	C153
Or Approved Equal	

**3. Foster Adapter**

<u>Manufacturer</u>	<u>Model Number</u>
InFact Corporation	Size Dependant

**Note:** Adapter must be fusion bonded epoxy coated.

**H.**

**1. Hydrants**

<u>Manufacturer</u>	<u>Model Number</u>
Mueller Valve	Model A-421
M&H Valve	Model 129
US Pipe	Model 250

**2. Hydrant Locks**

<u>Manufacturer</u>	<u>Model Number</u>
McGard Inc	Intimidator Model

**L.**

**1. Locking Gaskets**

<u>Manufacturer</u>	<u>Model Number</u>
American Iron Pipe Co.	Fast-Grip
Gripper Gasket Co.	Gripper Gasket
McWane	Sure Stop
U.S. Pipe	Field-Lok 350

**M.**

**1. Meters**

<u>Manufacturer</u>	<u>Model Number</u>
Master Meter Inc.	5/8 x 3/4" Multi-Jet BL05-1MD-AAA-2
	1" Multi-Jet BL09-1MD-AAA-2
	2" Dual Body Compound DC13-13D-AAB-2
	2" Brass Strainer 907-200-TSA
	4" and Larger = Fire Line Meter Series

**2. Meter Boxes**

<u>Manufacturer</u>	<u>Model Number</u>
Midstates Plastics	Model MSBC-1015-18
	Model MSBCF-1730-18XL

**WHITE HOUSE UTILITY DISTRICT  
LARGE METER AND WATER CONSTRUCTION MATERIALS**

**3. Meter Line Setters**

<u>Manufacturer</u>	<u>Model Number</u>
Ford Meter Box Co.	(3/4") Model #LSVBH41-233W-Q Model #LSVBH41-233W-G
	(1") Model #LSVBH41-444W-Q Model #LSVB41-444W-G
	(2") Model #VBB77-12B-11-77x22-9/16 Model #VBH77-12B-11-77x22-9/16
A.Y. McDonald	(3/4") Model #70-2--WCQD-33 (1") Model #70-4--WCQD-44
	(2") Model #20b712WWFF775x22-9/16 Model #20B712WDF775x22-9/16
Mueller - equivalent	20382418-RZ-05

**4. Meter Vault**

<u>Manufacturer</u>	<u>Model Number</u>
Barger & Sons Inc	8' x 6' x 6'
Cloud Concrete Products	8' x 6' x 6'
North Point Precast	8' x 6' x 6'
Old Castle Precast	8' x 6' x 6'

**5. Meter Vault - 2" & Gang Meter Box**

<u>Manufacturer</u>	<u>Model Number</u>
Cloud Concrete	57" x27" Box w/ 44" x 20" Aluminum Hatch
McCloud	57" x27" Box w/ 44" x 20" Aluminum Hatch

**6. Meter Vault - 2" & Gang Meter Box Hatch**

<u>Manufacturer</u>	<u>Model Number</u>
Halliday Products	S1S 020-44
Or Approved Equal	

**7. Meter Vault - Dismantling Joint**

<u>Manufacturer</u>	<u>Model Number</u>
JCM Industries Inc.	Model 309
Smith-Blair	Model 971 Model 975
Romac Industries	Model DJ400

**Note:** Dismantling Joints must be fusion bonded epoxy coated.

**8. Meter Vault - Hatch**

<u>Manufacturer</u>	<u>Model Number</u>
Bilco	Model JD-AL
Halliday Products	Series W2S
Thompson Fabricating	TUF hatch-Model THG
USF Fabrication	Model TPD 48" x 72"

**Note:** Meter Vault Hatches must be 48" x 72"

**9. Meter Vault - Radio Read Unit**

<u>Manufacturer</u>	<u>Model Number</u>
Master Meter	Dialog 3G

**10. Meter Vault - Spool Piece Assemblies**

<u>Manufacturer</u>	<u>Model Number</u>
Custom Fab.	
Fast Fabricators Inc.	
Or Approved Equal	

**WHITE HOUSE UTILITY DISTRICT  
LARGE METER AND WATER CONSTRUCTION MATERIALS**

**11. Meter Vault - Sump Pump (Must be a min .25 hp with a min 1.25" Discharge Size)**

<u>Manufacturer</u>	<u>Model Number</u>
Hydromatic	V-A1
Myers	MDC33
Or Approved Equal	

**12. Meter Vault - Post Indicator Valve (Vertical Style Only)**

<u>Manufacturer</u>	<u>Model Number</u>
Kennedy/Clow	
McWane	
Mueller	
Or Approved Equal	

**P.**

**1. Pipe (CL350 DI Pipe with Manufacturers Recommended Gaskets Only)**

<u>Manufacturer</u>	<u>Model Number</u>
American	Fastite Series
Clow	Tyton Joint or Fastite Series
Griffin Pipe Products Co.	Tyton Joint of Fastite Series
McWane	Tyton Joint or Fastite Series
U.S. Pipe	Tyton Joint

**2. Pressure Reducing Valves**

<u>Manufacturer</u>	<u>Model Number</u>
Watts	Model 25AUB-Z3
Wilkins/Zurn	Model 600
Or Approved Equal	

**R.**

**1. Reduced Pressure Backflow Prevention Assemblies**

<u>Manufacturer</u>	<u>Model Number</u>
Only RPBP assemblies are WHUD approved. See State Approved Backflow Prevention Assemblies List from TDEC Division of Water Supply	

**2. Reduced Pressure Backflow Prevention Assembly Enclosures (Class I rated only)**

<u>Manufacturer</u>	<u>Model Number</u>
Aquashield Protective Enclosures	BFP Series
G&C Enclosures	WS Series
Safe-T-Cover Enclosures	Series 100, 200, 300, 400, 600, 800, & 1000
<b>Note:</b> See WHUD Backflow Prevention Specifications for Enclosure Requirements	
<b>Note:</b> Access panels must be completely removable and shall be provided with built-in locks keyed alike with two keys furnished to WHUD	

**3. Reduced Pressure Backflow Preventer Heaters**

<u>Manufacturer</u>	<u>Model Number</u>
3/4" Thru 2"	Heat Cable is to be provided by the Enclosure Manufacturer
Devices Larger Than 2"	Heater is to be provided by the RPBP Enclosure Manufacturer

**WHITE HOUSE UTILITY DISTRICT  
LARGE METER AND WATER CONSTRUCTION MATERIALS**

**S.**

**1. Service Line Copper (ASTM B88, Seamless, Type "K" Only)**

<u>Manufacturer</u>	<u>Model Number</u>
Cambridge	
Cerro	
Howell Metal Co.	
Or Approved Equal	

**2. Service Line Saddles**

<u>Manufacturer</u>	<u>Model Number</u>
A.Y. McDonald	Series 4845A
Ford Meter Box Co.	Series FC202
JCM	Series 405
Smith-Blair Inc.	Series 315

**I.**

**1. Tapping Sleeve & Valve Assemblies**

<u>Manufacturer</u>	<u>Model Number</u>
All Pipe Sizes - Carbon Steel Saddles w/ Fusion Bonded Epoxy Coating	
Ford Meter Box Co.	Model FTSC for 4"-48" Pipe
JCM Inc.	Model 422 for 4"-12" C900 Taps Only
Smith-Blair Inc.	Model 622 for 4"-30" Pipe

**Note:** Pipe Sizes 10" And Smaller May Use Stainless Steel Wrap Around Style listed below.

Ford Meter Box Co.	Model FAST for 4"-10" Pipe
JCM	Model 462 for 4"-10" Pipe
Mueller	Model H304 for 4"-10" Pipe
Smith-Blair Inc.	Model 664 for 4"-10" Pipe

**V.**

**1. Valves - Gate**

<u>Manufacturer</u>	<u>Model Number</u>
M&H Valve	Series 7000
Mueller	Series 2360
U.S. Pipe	Series A-USP0

**2. Valves - Butterfly**

<u>Manufacturer</u>	<u>Model Number</u>
Henry Pratt Co.	"Ground Hog Series 150B BFV

**3. Valve Box - Complete with Lid**

<u>Manufacturer</u>	<u>Model Number</u>
Sigma	Model VB261 18"-22" (Use in swallow situations only) Model VB262 27"-37" (Standard for Construction)

**WHITE HOUSE UTILITY DISTRICT**  
**LARGE METER AND WATER CONSTRUCTION MATERIALS**

**4. Valve Box Collars**

<u>Manufacturer</u>	<u>Model Number</u>
Hula Concrete Products	
Russell-Sigma	Part # WUVPD50003

**Note:** Valve box collars must be precast 24" round concrete with steel reinforcement.

**5. Valve Operating Nut Extensions**

<u>Manufacturer</u>	<u>Model Number</u>
Mueller	Model A-26441
M&H Valve	Model 3801

**Note:** Valve nut extensions are used to bring valve nut elevation to within 30" of finished grade.