



WHUD

Approved
Large Meter &
Water Construction
Materials

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WHITE HOUSE UTILITY DISTRICT
LARGE METER AND WATER CONSTRUCTION MATERIALS

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A.

1. Air Release Valve

<u>Manufacturer</u>	<u>Model Number</u>
A.R.I.	D-040 (3/4" - 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-1015-18

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 33 Post Type Hydrant 2"

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	

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	

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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")
A.. McDonald Mfg. Co.	Series 3148 (2") - Used Only for ARV

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.	

F.

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
SIP Industries	EZ Grip

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2. Fittings

<u>Manufacturer</u>	<u>Model Number</u>
Sigma	C153
Tyler/Union	C153
U.S. Pipe	C153
SIP Industries	C153

3. Foster Adapter

<u>Manufacturer</u>	<u>Model Number</u>
InFact Corporation	Size Dependant 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
American darling	mark 73-2
American AVK	27N/PHH/NG

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>
Elster	Evo Q4 Dual Encoder & Pulse Output Itron 100W Plus Telemetry Itron TTL Antenna Itron M-log Leak Sensor

2. Meter Boxes

<u>Manufacturer</u>	<u>Model Number</u>
Old Castle- Carson	1in MSBC 1527BCF Model MSBC-1015-18 Model MSBCF-1730-18XL

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3. Meter Line Setters

<u>Manufacturer</u>	<u>Model Number</u>
Ford Meter Box Co.	(3/4") Model #LSVBH141-233W-Q Model #LSVBH141-233W-G (1") Model #LSVBH41-444W-Q Model #LSVB41-444W-G 2in-No Rise Setter With Test Port
A.Y. McDonald	(3/4") Model #70-2--WCQD-33 (1") Model #70-4--WCQD-44 2in-No Rise Setter With Test Port
Mueller - equivalent	2in-No Rise Setter With Test Port

4. Meter Vault

<u>Manufacturer</u>	<u>Meter Size 4" 6" & 8"</u>
Barger & Sons Inc	84"L X 60" W X 78" H (Outside)
Cloud Concrete Products	84"L X 60" W X 78" H (Outside)
North Point Precast	84"L X 60" W X 78" H (Outside)
Old Castle Precast	84"L X 60" W X 78" H (Outside)

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>
Itron & Sensus	100W Plus & TTL & M-Log Sensor

10. Meter Vault - Spool Piece Assemblies

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

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11. Meter Vault - Sump Pump (Must be a min .50 hp with a min 1.50" Discharge Size)

<u>Manufacturer</u>	<u>Model Number</u>
Hydromatic	HP50
Myers	MDC50
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&52 DI Pipe with manufactures 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 Only use wilkins at pump stations	

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
Note: See WHUD Backflow Prevention Specifications for Enclosure Requirements	
Note: 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

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S.

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

<u>Manufacturer</u>
Cambridge
Or Approved Equal

Service Line Pex

<u>Manufacturer</u>
Rehau-Municipex A

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>
American AVK	Series 65
M&H Valve	Series 7000
Mueller	Series 2360
U.S. Pipe	Series A-USP0
American Flow	Series 2500

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)

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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 ast 18" round concrete

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.