

Appendix F29 BCWS Approved Parts for Water Systems

Water Service			
Saddle - C900 PVC - 2" Diameter	Manufacturer	Model Number	Notes
	Ford Meter Box, Inc.	S90-203	
Saddle - Standard PVC - 2" Diameter	Manufacturer	Model Number	Notes
	Ford Meter Box, Inc.	S70-204	
Saddle - all pipe - 4" to 12" Diameter	Manufacturer	Model Number	Notes
	Cascade	CS22	Stainless Steel
	Romac Industries	401NS	Nylon Coated with SS Straps
	Romac Industries	202NS	Nylon Coated with SS Straps
	Ford Meter Box, Inc.	FS323	S.S. Two-Section
	Romac Industries	305	
Corporation Stop - 1"	Manufacturer	Model Number	Notes/Hyperlinks
	Ford Meter Box, Inc.	FB1000-4-G	Grip Joint
	Mueller	P-25008	Pack Joint
	Mueller	B-25008	Compression Connection
	Mueller	H-15006	Insta-Tite Connection
	A.Y. McDonald	4701BG	Grip Joint
Corporation Stop - 2"	Manufacturer	Model Number	Notes/Hyperlinks
	Ford Meter Box, Inc.	FB1000-7-G	Grip Joint
	A.Y. McDonald	4701BG	Grip Joint
Curb Stop - 1"	Manufacturer	Model Number	Notes/Hyperlinks
	Ford Meter Box, Inc.	B44-444-G	Grip Joint x Grip Joint
	Mueller	B-25209	Compression Connection
	A.Y. McDonald	6100WG	Grip Joint x Grip Joint
Tee/Wye	Manufacturer	Model Number	Notes
	Ford Meter Box, Inc.	T444-444-G	Grip Joints
	Ford Meter Box, Inc.	Y44-243	Pack Joint Y
	A.Y. McDonald	4760G	Grip Joints
Stiffeners - 1"	Manufacturer	Model Number	Notes
	Mueller	110	
	Ford Meter Box, Inc.	INSERT-52	
	A.Y. McDonald	6133T	
Stiffeners - 2"	Manufacturer	Model Number	Notes
	Ford Meter Box, Inc.	INSERT-55	
	A.Y. McDonald	6133T	
1" Service Meter Box	Manufacturer	Model Number	Notes
	A.Y. McDonald	76-208PCQG 431	Long Yokebox
	Ford Meter Box, Inc.	LYLVP 141-243-T-G	Lockable
> 2" Service Meter Box	Manufacturer	Model Number	Notes
	Sigma Corp.	MBX 5A	
	Sigma Corp.	MBX-1	
	Carson Industries, Inc	1220-12	

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Valve			
Gate Valve - up to 14" - MJ x MJ - AWWA C509	Manufacturer	Model Number	Notes\Hyperlinks
	Mueller	A-2360	2"-12"
	Mueller	A-2361	14"
	AVK		2"-12"
	US Pipe	A-USPO-20	2"-12"
	American Flow Control	2500 series	2"-12"
Butterfly Valve - over 14" - MJ x MJ	Manufacturer	Model Number	Notes\Hyperlinks
	Crispin	K-FLO 500 Series	16" - 20", MJ
	Mueller Lineseal XP	Class 250	16" - 48", MJ
Air Release	Manufacturer	Model Number	Notes
	GA Industries INC	902	Small Orifice
	ARI	D-025P	

Valve Box			
Adjustable Valve Box (Domestic Products Only)	Manufacturer	Model Number	Notes
	Tyler/Union	6850 series	
	Tyler/Union	7000 series	
	Tyler/Union	7100 series	
	EJIW USA	8550 1922	Metal top & bottom sections to be used with cap to go in valve boxes.
Valve Box Cover	Manufacturer	Model Number	Notes
	EJIW USA	6800	Non-locking Lid

Hydrant			
Fire Hydrant - 3 way	Manufacturer	Model Number	Notes
	Mueller Centurion	A-421	
	AVK		
	American-Darling	Mark 73-2	
	US Pipe	Sentinel 250	
	American-Darling	Mark 73-5	
Post Hydrant	Manufacturer	Model Number	Notes
	Merrill	C7502	Freeze proof
	Woodford	IOWA Y34 & Y1	Freeze proof
	Mueller Post Hydrant	A-411	2-1/8" main valve opens one way

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Restrained Joint			
	Manufacturer	Model Number	Notes
PVC	EBAA Iron INC	Series 2000 PV	Mechanical Joint
	EBAA Iron INC	Series 2800	Bell Restraint Harness for C905
	EBAA Iron INC	Series 2500	Restraint for C900 and C905
	EBAA Iron INC	Series 1600	Bell Restraint Harness for C900
	EBAA Iron INC	Series 15PF00	PVC to DIP fitting
	Ford Meter Box, Inc.	UFR1390-C-x	Uni-Flange Series
	Ford Meter Box, Inc.	UFR1500-C-x	Uni-Flange Series
	Tyler Union	TUF Grip	Mechanical Joint; Up to 12"
	Tyler Union	Series 3000	Bell Joint Restraint
	Sigma	PV-LOK Series PWP	Bell Joint Restraint
	Sigma	ONE-LOK SLCE & D-SLCE	Mechanical Joint
DIP	Manufacturer	Model Number	Notes
	EBAA Iron MEGLUG	Series 1100	Mechanical Joint
	U.S. Pipe	FIELD LOK Gasket	
	American Ductile Iron Pipe Company	Fast-Grip Gasket	
	Sigma	PV-LOK Series PWP	Bell Joint Restraint
	Sigma	ONE-LOK SLDE & D-SLDE	Mechanical Joint
	Tyler Union	TUF Grip	Up to 24"; Up to 12" on FM
Ford Meter Box, Inc.	UFR1400-D-x	Uni-Flange Series	

Tapping Sleeve & Valve			
	Manufacturer	Model Number	Notes/Hyperlinks
Tapping Sleeve - MJ	Ford Meter Box, Inc.	FAST with MJ Outlet	See shop drawing
	Ford Meter Box, Inc.	FTSS Tapping Sleeve with Removable Bolts	Use only when branch is smaller than pipe
	American Flow Control	2800 series	For same size tap only
	Tyler Union	COMPACT	For same size tap only
	Mueller	H-615	For same size tap only
	Romac Industries	SST-H	For use on HDPE only
	Romac Industries	SST	See shop drawing
Tapping Valve	Manufacturer	Model Number	Notes
	American Flow Control	2500 series	

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Pipe & Pipe Fitting			
PVC - Blue	Manufacturer	Model Number	Notes
	PWEagle	Ultra-Blue	C909
	North American		
	Diamond		
	National		
	JM Eagle	Eagle Loc 900	Internal joint restraint system
DIP	Manufacturer	Model Number	Notes
	AMERICAN DIP		
	U.S. Pipe		
	Griffin Pipe Products		
Fittings - DIP - Class 350	Manufacturer	Model Number	Notes
	Sigma		MJ fittings
	Tyler/Union		
	Custom Fab		
Polyethylene Encasement	Manufacturer	Model Number	Notes
	Trumbull Industries, Inc.		Must be blue in color
Transition Gaskets	Manufacturer	Model Number	Notes
	Harrington Corp	IPS to 900 Transition Gaskets	
Tracer Wire	Manufacturer	Model Number	Notes
	Kris-Tech Wire Co, Inc.		Must be blue in color; must be solid and for direct burial
	Ferguson	THHN	
	3M	DBY-6	

~~Red~~ = Disapproved

Blue = Hyperlinks (internal use only)

Appendix F29 BCWS Approved Parts for Sewer Systems

Manhole			
Sealant	Manufacturer	Model Number	Notes
	RAM-NEK		
Wrap	Manufacturer	Model Number	Notes
	WrapidSeal		
	RUB'R-NEK		
Frame and Cover - Standard	Manufacturer	Model Number	Notes\Hyperlinks
	EJIW	V1384 41384177	Non-vented
	US Foundry	No. 668KL	Non-vented
Frame and Cover - Heavy Traffic & Watertight	Manufacturer	Model Number	Notes\Hyperlinks
	US Foundry	No. 579-DC-SSG-LOC	Cam Locks
Frame and Cover - Swivel	Manufacturer	Model Number	Notes\Hyperlinks
	US Foundry	USF 275 Ring & RO Cover	See shop drawing
Frame and Cover - Hinged	Manufacturer	Model Number	Notes\Hyperlinks
	EJIW	24" Ergo	NCR09-834B
	EJIW	30" Dual Hinge	NCR09-835B
	US Foundry	USF 926 RING & US COVER	See shop drawing
	US Foundry	USF 924 RING & US COVER	See shop drawing
Frame and Cover - Standard Watertight	Manufacturer	Model Number	Notes\Hyperlinks
	EJIW	V1384 NCR09-2301A	Cam Locks
	US Foundry	USF 753	Cam Locks
	US Foundry	No. 195 Ring & E-ORS Cover	See shop drawing
Riser Rings	Manufacturer	Model Number	Notes
	Sealing Systems Inc.	Rubber Riser Rings	Paved areas only where tapering is required.
Boot Connector	Manufacturer	Model Number	Notes\Hyperlinks
	Hamilton Kent	Tylox	MIB Series

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Pipe Fittings			
Transition Gaskets	Manufacturer	Model	Notes
	HARCO	DI Transition Adapters PF149-121609	Where transitioning from DIOD to SDR 35/26
Coupling/Sleeve	Manufacturer	Model Number	Notes
	Varies	Repair Coupling (SDR 26)	Molded Fittings Only
	Varies	Line Coupling w/ stop (SDR 26)	Molded Fittings Only
	Multi Fittings	C-900 Repair coupling (SDR 18)	Molded Fittings Only
	Multi Fittings	C-900 line coupling (SDR 18)	Molded Fittings Only
	Varies	DI MJ solid sleeve	To be used with appropriate transition gaskets.
	Harrington Corp	(C-900 x Sewer OD) BXB Adapter. (PVC)-SDR 18	Molded Fittings Only
	Harrington Corp	DI Transition Adapters (DI or C-900 x SDR35/26)	P-401 lined
	MULTI FITTINGS	CIOD-Sewer Adapter	Molded fittings for use on PVC pipes only
	Harrington Corp	(DIOD x Sewer OD) GxG Adapter. (DI)	6" - 12" pipe sizes (DI)
	Harrington Corp	C-900 Repair coupling (SDR 18)	Molded Fittings Only
	Harrington Corp	C-900 line coupling (SDR 18)	Molded Fittings Only
Bends	Manufacturer	Model	Notes
	Varies	DI MJ bends	To be used with appropriate transition gaskets. Depths Greater than 15 feet.
	Varies	SDR - 26 Gasketed Bends	3' - 15' Depth Range. Molded Fittings Only.
	Harrington Corp	DI Gasketed Bends	Depths Greater than 15 feet.
Service Connections at Main	Manufacturer	Model	Notes
	Varies	DI MJ Tee. DI MJ Wye	Where Required by Depth
	Harrington Corp	DI Sewer Wye DI Sewer Tee Wye DI Sewer Tee	Where Required by Depth
	Varies	SDR - 26 Tee Wye	3' - 15' Depth Range. Molded Fittings Only.
Wye Connections at Property Line	Manufacturer	Model Number	Notes
	Varies	SDR - 26: Gasketed 6X6 double and single wyes. SDR - 26: Gasketed 6x4 double and single wyes.	Molded Fittings Only
	Varies	DI MJ: Gasketed 6X6 double and single wyes. DI MJ: Gasketed 6x4 double and single wyes.	Where Required by Depth
PVC Fittings on Force Main	Manufacturer	Model	Notes
	HARCO	PVC fittings for C900 pipe. Size 4" - 8".	Use with EBAA Series 2500. Restraint for PVC Fittings

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Tracer Wire	Manufacturer	Model Number	Notes
	Kris-Tech Wire Co, Inc.		Must be green in color; must be solid and for direct burial

Air Release Valve	Manufacturer	Model Number	Notes
	ARI	D-025	

Lining	Manufacturer	Model Number	Notes
	RAVEN	RAVEN 405	Wet well & receiving MH
	Tnemec	Series 431 Perma-Shield	DIP
	Protecto 401	Protecto 401	DIP

Cleanout Frame and Cover	Manufacturer	Model Number	Notes
	Neenah Foundry Co.	R-7514	

For pipes and joint restraints, please see the approved parts list for water.

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[Blue](#) = Hyperlinks (internal use only)