



Project No: _____ Project Name: _____ Contractor Company: _____

Contractor Contact: _____ Contractor Phone Number: _____

Section 8A Material Submittal Checklist - Water

Description	Size	Yes	No	N/A	Date of Approval	Inspector Verified	Comments:
B.1. PVC Pressure Pipe a) Bell and Spigot Pipe: I. NAPCO Pipe & Fittings, AWWA C900 Pressure Pipe		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. JM Eagle, Blue Brute C900		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Diamond Plastics, C900 or C900/Trans 21		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. Northern Pipe Products C900		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) Restrained Joint Coupling PVC: I. NAPCO Pipe & Fittings, LLC Certa-Lok C900		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
c) Restrained Joint Integral Bell PVC: I. NAPCO Pipe & Fittings, LLC Certa-Lok C900		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
d) Restrained Joint Thermally-Fused PVC: I. Underground Solutions, Inc., Fusible PVC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
B.4 Water Service Line Pipe: a) Copper Water Service Line Pipe: I. Cambridge-Lee Industries Soft Type K Copper Pipe		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) HDPE Water Service: I. Cresline Blue Flexible Pipe		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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II. Centennial Plastics, Cencore Pipe		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. JM Eagle Pure Core Pipe		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. ADS Polyflex Potable Pipe		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
V. A.Y. McDonald Stainless Steel Softener Inserts		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
C.1. Ductile Iron Fittings I. Tyler Union Ductile Iron Compact Fittings		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Star Pipe Product Ductile Iron Compact Fittings		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
C.3. Couplings: I. Romac Style 501		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Hymax 2 Cathodic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Hymax Grip Cathodic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. 421 Top Bolt Coupling by Smith-Blair		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
V. NAPCO Pipe & Fittings, LLC Certa-Lok		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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C.4. Tapping Sleeves:							
I. Romac SSTIII Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Smith Blair Model 665 Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Robar 6606BB Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. Ford Style FTSS Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
V. PowerSeal 3490 AS/CS Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
VI. NAPCO Pipe & Fittings, LLC Certa-Lok C900/RJ Pipe		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
C.5. Foster Adapters:							
I. INFACT Corporation (Epoxy Coated)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
C.6. Repair Clamps:							
I. Romac SS1, SS3 Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Robar 5616, 5626, 5636 Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Smith Blair 261 Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. Ford FS1 Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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V. PowerSeal Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
D.1. Gate Valves:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Mueller Series 2300 Gate Valve		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. American Flow Control Series 2500 Gate Valve		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
D.2. Butterfly Valves:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Mueller Co Linseal Series Butterfly Valve		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
E.2. Valve Boxes for 14 inch and Larger:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Tyler 6860 Series Heavy Duty Valve Box with #6 Base and Adapter		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
E.3. Valve Box Adapters:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Valve Box Adaptor II as manufactured by Adaptor Inc.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. #6 Base Adapter as manufactured by Adaptor Inc.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
F. Fire Hydrants		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022	Bury Depths:	
I. Mueller A423 Fire Hydrant		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022	Bury Depths:	
II. American Darling B-84-B-5 Fire Hydrant		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022	Bury Depths:	
III. American AVK Series 27 Fire Hydrant		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022	Bury Depths:	
IV. Waterous Pacer, Traffic Model Fire Hydrant		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022	Bury Depths:	



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G.1. Copper Service Splicing Couplings I. Mueller 110 Conductive Compression		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
G.3. Curb Stop Valves I. Mueller 300 Curb Ball Valve with Mueller 110 Conductive Compression Connection		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. A.Y. McDonald Minneapolis Pattern Ball Valves – 300PSIG Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Ford B44 Series		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
G.4. Corporation Stops I. Mueller 300 Corporation Ball Valve with Mueller 110 Conductive Compression Connection		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. A.Y. McDonald Ball Valves – 300PSIG Water		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Ford FB1000 Series Corporation Stop		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
G.5. Service Saddles: a) i) 6" to 12" Service Saddles with 1-inch Tap I. Ford Style FS313, FS323		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Romac Style 306 Style and 202BS with Stainless Steel Straps		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. A.Y. McDonald Model 3845		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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IV. Mueller BR2W Series with Double Studs		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
*V. A.Y. McDonald Model 8403 *Service Saddle is only approved for use on PVC Sanitary Sewer Main.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	January 17, 2024		
a) ii) 6" to 12" Service Saddles with 1.5-inch and 2-inch Taps I. Mueller 300 Corporation Ball Valve with Mueller 110 Conductive Compression Connection		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Romac Style 306 Service Saddles		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. A.Y. McDonald Model 3845		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
IV. Mueller BR2W Series with Double Studs		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
*V. A.Y. McDonald Model 8403 b) i) 14" and Larger Service Saddles with 1.5-inch and 2-inch Taps I. Ford Style FS323, FS333, and FC202 Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	January 17, 2024		
II. Romac Style 202B, 202BS, and 202NS Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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III. Mueller BR2S, BR2W, and DR2S w/ Stainless Steel Straps		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) ii) 14" and Larger Service Saddles with 1.5-inch and 2-inch Taps		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Ford Style FS323, FS333, and FC202 Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. Romac Style 202B, 202BS, and 202NS Style		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
III. Mueller BR2S, BR2W, and DR2S w/ Stainless Steel Straps		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
c) Curb Boxes		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Tyler 6500 Series, Buffalo Type		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
H. Concrete Thrust Blocks		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. Class M6 Concrete		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
II. High Strength Sakrete		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I.1. Joint Restraining Devices:							
a) Push-On Joint Restraint (Ductile Iron Pipe to Ductile Iron)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. EBAA Series 15PF0TD Tru-Dual (Split Ring)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) Mechanical Joint (Ductile Iron Pipe to Ductile Iron Mechanical Joint Fitting)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. EBAA Series 1100 MEGALUG (Solid Ring)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		



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II. EBAA Series 1100 SD Split MEGALUG (Split Ring)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
c) Push-On (PVC Pipe to Ductile Iron Push-on Fittings)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	January 17, 2024		
I. EBAA Series 15PF00 (Split Ring)							
d) Mechanical Joint (PVC Pipe to Ductile Iron Mechanical Joint Fitting)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. EBAA Series 2000PV MEGALUG (Solid Ring)							
II. EBAA Series 2000SV MEGALUG (Split Ring)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
e) Push-On (PVC Pipe to PVC Push-On Fittings)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. EBAA Series 2500 Restraint Harness (Split Ring)							
I.2. Joint Restraint Devices at Pipe Bells:							
a) For Ductile Iron Pipe		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. EBAA Series 1700 MEGALUG Harness							
b) For PVC Pipe 4" to 12"		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. EBAA Series 1600 Split Serrated Restraint							
c) For PVC Pipe 14" to 30"		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. EBAA Series 2800 MEGALUG Restraint Harness							
J. Insulation Board		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
I. FOAMULAR 250 Insulation Board							



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I.1. Joint Restraining Devices: b) Push-On Joint Restraint (Ductile Iron Pipe to Ductile Iron) I. EBAA Series 15PF0TD Tru-Dual (Split Ring)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		
b) Mechanical Joint (Ductile Iron Pipe to Ductile Iron Mechanical Joint Fitting) I. EBAA Series 1100 MEGALUG (Solid Ring)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	October 1, 2022		

Project Specific Materials:

**Submittal Exceptions:

**Please submit a copy of the formal exception letter for all exceptions to the required materials found in the City of Rapid City Standard Specifications, 2022 Edition.