Public Works and Environmental Services Department
WATER AND WASTEWATER SERVICES - ENGINEERING
2555 West Copans Road, Pompano Beach , Florida 33069
Phone: 954-831-0745 Fax: 954-831-0925

PRODUCTS USED IN CONSTRUCTION

Revision Date: 4/30/2025

The purpose of this form is to document the products that were used in construction of the below named project. Unless otherwise noted, shop drawings submittals are not required for pre-approved products. When shop drawings are required for pre-approved products, they are to be submitted to the Engineer of Record (EOR) and then to the Water and Wastewater Services (WWS) Project Manager for approval. Shop drawing submittals to the EOR and then to the WWS Technical Standards Committee (TSC) for approval are required when the option 'Other' is chosen.

It is WWS' desire that one manufacturer be used for a product per construction project. For example, all fire hydrants should be the same manufacturer and model; all bell joint restraints should be the same manufacturer and model; all ductile iron pipe and fittings should be from the same manufacturer, etc. WWS understands that circumstances my require the use of more than one manufacturer per product on a project. See the separate document "Guideline for Single Manufacturer per Construction Project" for more information.

Some pre-approved manufacturer's listings contain just manufacturer's names while other listings include manufacturer's names and model or type designations. Unless otherwise noted, inclusion of model or type designations in the manufacturer's listing means only that designated model or type has been pre-approved.

Chloramine resistance is required for rubber material in contact with potable water. Several manufacturers either provide chloramine resistant material as the standard configuration of their product or offer chloramine resistant material as an option to be specified at the time of purchase. In the case where chloramine resistant material is an optional purchase item, the products have been identified with the label [CRTag]. Products with the [CRTag] label must be delivered to the construction site with a factory applied tag stating the name of the material used and that the compound is chloramine resistant. The following materials are deemed chloramine resistant: EPDM, isobutyl-isoprene, fluorocarbons and silicones. Any other materials such as nitriles (NBR), SBR, natural rubbers and neoprenes must be approved by the TSC.

PROJECT INFORMATION

WWS Project Number: _____

Project Name: _____

Construction Contractor Name: _____

Engineer of Record Name: _____

Form Completed By: _____

First Submittal Date: _____

Revised Date: _____

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Pipe

1.1 Ductile Iron Pipe & Fitting

- ☐ Not used on this project
- ☐ ACIPCO (American Cast Iron Pipe)
- ☐ US Pipe
- ☐ McWane (all plants)
- ☐ Clow
- ☐ Griffin Pipe
- ☐ Other:_____(TSC approval required)

1.2 High Density Polyethylene Pipe & Fittings (4" and above)

- ☐ Not used on this project
- ☐ JM Eagle (ductile iron pipe sizes)
- ☐ Performance Pipe (Driscoplex 4000/4100)
- ☐ Charter Plastics
- ☐ WL Plastics
- ☐ Other:_____(TSC approval required)

1.3 PVC Pressure Pipe for Gravity Sewer and Reclaimed Water

- ☐ Not used on this project
- ☐ Diamond Plastics Corp.
- ☐ JM Eagle
- ☐ Sanderson Pipes
- ☐ Westlake Pipe & Fittings
- ☐ Underground Solutions
- ☐ National Pipe and Plastics
- ☐ Next Polymers
- ☐ Other:_____(TSC approval required)

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1.4 PVC Non-Pressure Pipe (6" - 15")

- ☐ Not used on this project
- ☐ Diamond Plastics Corp.
- ☐ JM Eagle
- ☐ Sanderson Pipes
- ☐ Westlake Pipe & Fittings
- ☐ National Pipe and Plastics
- ☐ Next Polymer
- ☐ Other:_____(TSC approval required)

Fittings and Accessories

2.1 Casing Spacers for Carrier Pipe 6" and Above

- ☐ Not used on this project
- ☐ PSI (S8G-2, S12G-2)
- ☐ Cascade Waterworks Mfg. (CCS)
- ☐ Advanced Products & Systems, Inc. (SSI8, SSI12)
- ☐ Other:_____(TSC approval required)

2.2 Fire Hydrants

- ☐ Not used on this project
- ☐ Mueller Super Centurion (250, A-423). The main valve material must be Robbins 1018201 SBR.
- ☐ Clow Medallion *[CRTag]
- ☐ American Darling (B84B-5)
- ☐ American AVK (Nostalgic Style)
- ☐ US Pipe Metropolitan (M-94) *[CRTag]
- ☐ Kennedy Guardian K-81-D
- ☐ Other:_____(TSC approval required)

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2.3 Flanged Fittings

- ☐ Not used on this project
- ☐ ACIPCO (American Cast Iron Pipe)
- ☐ US Pipe
- ☐ Star Pipe Products
- ☐ Tyler Union
- ☐ Sigma (water main only)
- ☐ SIP
- ☐ Other:_____(TSC approval required)

2.4 Flexible Couplings

- ☐ Not used on this project
- ☐ Fernco (Standard, SS Shear Rings, Strong Back RC, 5000 Series Strong Back, No-Hub)
- ☐ Mission
- ☐ Other:_____(TSC approval required)

2.5 Mechanical Joint Fittings

- ☐ Not used on this project
- ☐ ACIPCO (American Cast Iron Pipe)
- ☐ US Pipe
- ☐ Star Pipe Products
- ☐ Tyler Union
- ☐ Sigma (water main only)
- ☐ ROMAC ALPHA WIDE RANGE RESTRAINED ENDCAP
- ☐ SIP
- ☐ Other:_____(TSC approval required)

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2.6 PVC Fittings for Gravity Sewer Up To 12' In Depth

- ☐ Not used on this project
- ☐ Harco
- ☐ Westlake Pipe & Fittings
- ☐ Multi-Fittings
- ☐ Tigre ADS-USA
- ☐ Other:_____(TSC approval required)

2.7 Tapping Sleeves (Ductile Iron) *

- ☐ Not used on this project
- ☐ American Flow Control (2800 Series)
- ☐ Tyler Union
- ☐ Mueller (H-615 Series)
- ☐ US Pipe (Type 9)
- ☐ Other:_____(TSC approval required)

* 16" and larger requires shop drawing approval by EOR and WWS project manager

2.7 Tapping Sleeves (Stainless Steel) *

- ☐ Not used on this project
- ☐ JCM (432)
- ☐ Ford Meter Box (Style FTSS)
- ☐ Smith Blair (663)
- ☐ Mueller (H-304)
- ☐ Romac (Series SST)
- ☐ Cascade (CST-EX)
- ☐ Total Piping Solutions
- ☐ Other:_____(TSC approval required)

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2.8 Transition Couplings

- ☐ Not used on this project
- ☐ JCM Industries (212)
- ☐ Smith Blair (441)
- ☐ Hymax (2000-2100 Series)
- ☐ Romac Macro HP Extended Range
- ☐ Hymax Versa
- ☐ Total Piping Solutions
- ☐ Other:_____(TSC approval required)

2.9 Pressure Pipe Repair Clamps

- ☐ Not used on this project
- ☐ Ford Meter Box
- ☐ Romac Industries
- ☐ Smith-Blair
- ☐ Hymax EZMAX
- ☐ Total Pipe Solutions (Quick Sleeve Wide Range Bell Joint)
- ☐ Total Pipe Solutions (Quick-Cam Rapid Seal Repair Clamp)
- ☐ Total Pipe Solutions
- ☐ Other:_____(TSC approval required)

2.10 Grooved Piping

- ☐ Victaulic Style 31 Coupling
- ☐ Victaulic Style 341 Flange Adapter
- ☐ Victaulic Ductile Iron Fittings
- ☐ Other:_____(TSC approval required)

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Adapters and Joint Restraints

3.1 Bell Joint Restraint (Ductile Iron Pipe)

- ☐ Not used on this project
- ☐ Sigma (PV Lok)
- ☐ EBBA Iron (1700 Megalug Harness)
- ☐ EBBA Iron (Series 1600TD, 4”-12”)
- ☐ Star (Series 1100, Below 10" Diameter)
- ☐ Star (Series 3100S & 3100P)
- ☐ Tyler Union (Tufgrip)
- ☐ SIP
- ☐ Other:_____(TSC approval required)

3.1 Bell Joint Restraint (PVC Pipe)

- ☐ Not used on this project
- ☐ Ford Meter Box (Uni-Flange Series 1390)
- ☐ EBBA Iron (Series 1600 PV, Series 1500 PV)
- ☐ EBBA Iron (Series 1600TD, 4” – 12”)
- ☐ Sigma (PV Lok)
- ☐ Star (Series 1100)
- ☐ Tyler Union (TUFGRIP)
- ☐ Other:_____(TSC approval required)

3.2 Ductile Iron Flange Adapters

- ☐ Not used on this project
- ☐ EBBA Iron (Series 2100)
- ☐ Other:_____(TSC approval required)

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3.3 Gripping Ring Joint Restraint (Ductile Iron Pipe)

- ☐ Not used on this project
- ☐ Romac (Grip Ring)
- ☐ Star Pipe (Generation II)
- ☐ Other:_____(TSC approval required)

3.3 Gripping Ring Joint Restraint (PVC Pipe)

- ☐ Not used on this project
- ☐ Romac (Grip Ring)
- ☐ Other:_____(TSC approval required)

3.4 Mechanical Joint Restraint (Ductile Iron Pipe)

- ☐ Not used on this project
- ☐ EBBA Iron (Megalug Series 1100)
- ☐ Romac (Roma Grip) (Alpha Wide Range)
- ☐ Romac Alpha Wide Range
- ☐ Ford Meter Box (Uni-Flange Series 1400)
- ☐ Star Pipe Products (Stargrip Series 3000)
- ☐ Sigma (One-Lok SLD)
- ☐ In Fact Foster Adaptor
- ☐ SIP
- ☐ Other:_____(TSC approval required)

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3.4 Mechanical Joint Restraint (PVC Pipe)

- ☐ Not used on this project
- ☐ Ford Meter Box (Uni-Flange Series 1500)
- ☐ EBBA Iron (Megalug Series 2000 PV)
- ☐ Star Pipe Products (Stargrip Series 4000)
- ☐ Sigma (One-Lok SLC)
- ☐ Tyler Union PVC Bell (SS304 Rods)
- ☐ Other:_____(TSC approval required)

3.5 Gripping Gasket Joint Restraint for Ductile Iron and PVC

- ☐ Not used on this project
- ☐ ACIPC (Fast Grip Gaskets)
- ☐ US Pipe (Field Lok 350)
- ☐ Rieberlok (C900 PVC)
- ☐ Other:_____(TSC approval required)

Valves

4.1 Air Release Valves for Potable Water and Reclaimed Water

- ☐ Not used on this project
- ☐ GA Industries (#920, #922)
- ☐ Crispin (PL10, PL10A, PL20, PL20A)
- ☐ Val-Matic Model 38 & 38.2 DISV
- ☐ H-Tec Model 986 & 989
- ☐ Other:_____(TSC approval required)

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4.2 Air Release Valves for Wastewater

- ☐ Not used on this project
- ☐ GA Industries (#929)
- ☐ Crispin (S Series)
- ☐ H-Tec (Model 986) (where the height of the valve is not an issue)
- ☐ ARI (D-025PT)
- ☐ Val-Matic Model 48A DISV/ with backwash assembly
- ☐ Other:_____(TSC approval required)

4.3 Automatic Blowoffs

- ☐ Not used on this project
- ☐ Hydro-Guard Standard Unit
- ☐ Kupferle Foundry Co. (9400 WC Eclipse)
- ☐ Other:_____(TSC approval required)

4.4 Butterfly Valves (12" and Larger)

- ☐ Not used on this project
- ☐ Mueller (Lineseal III) *[CRTag]
- ☐ Val-Matic *[CRTag]
- ☐ Milliken *[CRTag]
- ☐ Pratt (#2MII, #2FII, Triton-XR70) *[CRTag]
- ☐ Clow (Model 4500 12" only) *[CRTag]
- ☐ M&H (Model 4500 12" only) *[CRTag]
- ☐ Kennedy (Model 4500 12" only) *[CRTag]
- ☐ Victalic Series 761 (Up to 12")
- ☐ Other:_____(TSC approval required)

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4.5 Check Valves for Lift Stations

- ☐ Not used on this project
- ☐ M & H (159-02)
- ☐ Mueller (2600-6-01)
- ☐ American Flow Control (Series 52-SC)
- ☐ Clow (5380)
- ☐ American AVK (Series 41)
- ☐ MATCO-NORCA (Series 120 WC)
- ☐ Victalic Series 317 (Up to 12")
- ☐ Other:_____(TSC approval required)

4.6 Check Valves for Potable Water

- ☐ Not used on this project
- ☐ Mueller (Flexible Disk) *[CRTag]
- ☐ Danfoss Flo-Flex (745) *[CRTag]
- ☐ AFC (Series 2100) (flanged by flanged)
- ☐ AFC (2100 Hydrant Security Check Valve) (MJ by solid gland)
- ☐ Clow (306AS with SS nuts and bolts)
- ☐ Valmatic (VM-500A-S)[CRTag]
- ☐ Other:_____(TSC approval required)

4.7 Double Disk Gate and Tapping Valves (12" - 48")

- ☐ Not used on this project
- ☐ Mueller (A-2380, H-667)
- ☐ Kennedy Valve
- ☐ Clow Valve
- ☐ J&S Valve
- ☐ M & H Valve
- ☐ Other:_____(TSC approval required)

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4.8 Eccentric Plug Valves *

- ☐ Not used on this project
- ☐ Dezurik (PEF)
- ☐ Milliken Valve Co, (series 600/ 601)
- ☐ Henry Pratt
- ☐ Val-Matic (Series 5600F and 5700F)
- ☐ Victalic Series 377 (Up to 12")
- ☐ GA Industries Eco-Centric
- ☐ Kennedy Valve
- ☐ VSI Waterworks (Series PVII and PVIF)
- ☐ Other:_____(TSC approval r

* 16" and larger requires shop drawing approval by EOR and WWS project manager

4.9 Gate and Tapping Valve

- ☐ Not used on this project
- ☐ American Flow Control (2500 Series)
- ☐ American AVK
- ☐ Clow (2639) *[CRTag]
- ☐ Kennedy Valve *[CRTag]
- ☐ Mueller (A2360, T2360); product tag must end with 0331 which indicates chloramines resistance
- ☐ GA Industries
- ☐ Matco-Norca (Series 225)
- ☐ J&S Valve (4” – 16”)
- ☐ Other:_____(TSC approval required)

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4.10 Insertion Valves *

- ☐ Not used on this project
- ☐ Advanced Valve Technologies
- ☐ Team Industrial Services (4"-12"), with optional 304SS bolts.
- ☐ Other:_____(TSC approval required)

* 16" and larger requires shop drawing approval by EOR and WWS project manager

4.11 Potable Water Air Release Valve Inflow Preventers

- ☐ Not used on this project
- ☐ Val-Matic (Floodsafe Series 1300)
- ☐ Other:_____(TSC approval required)

4.12 Pressure Reducing Valves

- ☐ Not used on this project
- ☐ Ross Valve Mfg. Co., Inc.
- ☐ Other:_____(TSC approval required)

Water Service Lines and Appurtenances

5.1 Check Valves for Water Services

- ☐ Not used on this project
- ☐ Ford Meter Box (HS11-444 [1"], HS11-777 [2"])
- ☐ Other:_____(TSC approval required)

5.2 Corporation Stops

- ☐ Not used on this project
- ☐ Ford Meter Box (FB-1000)
- ☐ Mueller (B-25008) *[CRTag]
- ☐ Cambridge Brass (301) *[CRTag]
- ☐ A.Y. McDonald Mfg. Co. (4701B-22)
- ☐ Other:_____(TSC approval required)

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5.3 Couplings and Adapters for Water Service

- ☐ Not used on this project
- ☐ Cambridge Brass (105, 117, 119, 417)
- ☐ Mueller
- ☐ Ford Meter Box
- ☐ A.Y. McDonald Mfg. Co. (4761-22, 4753-22, 4754-22, 4758-22, 4620)
- ☐ Other:_____(TSC approval required)

5.4 Curb Stops/ Meter Valves

- ☐ Not used on this project
- ☐ Ford Meter Box Curb Stop Ball Valves (B41-444, B41-777)
- ☐ Ford Meter Box Ball Meter Valves (B43-444W, B43-344W, BF43-777W)
- ☐ Mueller 300 Ball Curb Valves (P25122) *[CRTag]
- ☐ Mueller 300 Ball Straight Meter Valves (P24335, P24350) *[CRTag]
- ☐ Cambridge Brass (210, 212, 292) *[CRTag]
- ☐ A.Y. McDonald Mfg. Co. (4602B-22, 74602B-22, 6101MW, 76101MW, 6100MW-22, 76100MW-22)
- ☐ Other:_____(TSC approval required)

5.5 Double Strap Service Saddles

- ☐ Not used on this project
- ☐ JCM (406)
- ☐ Smith-Blair (Series 317)
- ☐ Romac (202NS, 202NU)
- ☐ Ford Meter Box (FC202, FCD202)
- ☐ A.Y. McDonald Mfg. Co. (4825A, 4826A, 4855A, 4856A)
- ☐ Mueller
- ☐ Total Piping Solutions
- ☐ Other:_____(TSC approval required)

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5.6 Meter Flanges for Water Services

- ☐ Not used on this project
- ☐ Cambridge Brass (421, 424)
- ☐ Ford Meter Box
- ☐ Mueller
- ☐ A.Y. McDonald Mfg. Co. (610F, 610M)
- ☐ Other:_____(TSC approval required)

5.7 Polyethylene Tubing for 1" and 2" Water Services

- ☐ Not used on this project
- ☐ Performance Pipe (Driscoplex)
- ☐ Endot Endopoly
- ☐ Municipex PEXa
- ☐ Advanced Drainage Systems (PolyFlex)
- ☐ Other:_____(TSC approval required)

5.8 Type K Copper Tubing for 1" and 2" Water Services *

- ☐ Not used on this project
- ☐ Other:_____(TSC approval required)

* Use requires shop drawing approval by EOR

5.9 U-Branches

- ☐ Not used on this project
- ☐ A.Y. McDonald Mfg. Co.
- ☐ Cambridge Brass
- ☐ Ford Meter Box
- ☐ Mueller
- ☐ Other:_____(TSC approval required)

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5.10 Yokes

- ☐ Not used on this project
- ☐ Ford Meter Box (Iron Yoke Bars, Y500 Series)
- ☐ Mueller (Iron Meter Yokes, H-5020)
- ☐ Other:_____(TSC approval required)

5.11 Dual Check Valves For Water Services

- ☐ Not used on this project
- ☐ Watts (Series LF7R)
- ☐ Wilkins (Model 700XL)
- ☐ Other:_____(TSC approval required)

Meters

6.1 Compound Fireline Water Meters

- ☐ Not used on this project
- ☐ Sensus (Omni F2)
- ☐ Hersey Meters (Model FM3)
- ☐ Other:_____(TSC approval required)

6.2 Water Meters (3", 4", 6", 8")

- ☐ Not used on this project
- ☐ Hersey Meters (Horizon)
- ☐ Sensus (Omni T2)
- ☐ Zenner PMCB03/PMCB04
- ☐ Other:_____(TSC approval required)

6.3 Fire Protection By-Pass Meters (1") *

- ☐ Not used on this project
- ☐ Badger (Model 25 [5/8”]; Model 70 [1”]; Model 120 [1-1/2”] and Model 170 [2”])
- ☐ Neptune (Model T-10 [all sizes])
- ☐ Other:_____(TSC approval required)

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6.4 Service Meters (5/8", 1", 1-1/2", 2") *

- ☐ Not used on this project
- ☐ Badger (Model 25 [5/8”]; Model 70 [1”]; Model 120 [1-1/2”] and Model 170 [2”])
- ☐ Neptune (Model T-10 [all sizes])
- ☐ Other:_____(TSC approval required)

System Structures, Boxes and Covers

7.1 Box and Cover

- ☐ Not used on this project
- ☐ US Foundry (7630)
- ☐ US Foundry (7635, standard detail #154 only)
- ☐ EJ 1553Z 1553A & 1556Z 1556A Assembly
- ☐ Other:_____(TSC approval required)

7.2 Cleanout Box and Cover

- ☐ Not used on this project
- ☐ US Foundry (USF 7635, FJ Cover)
- ☐ US Foundry (USF 7636, MJ Cover)
- ☐ CARSON (MSCO-3)
- ☐ EBAA Iron Cover
- ☐ Other:_____(TSC approval required)

7.3 Manholes *

- ☐ Not used on this project
- ☐ Other:_____

*Pre-approved manufacturers include all manufacturers that meet or exceed ASTM, Florida Department of Transportation and Broward County Highway Construction and Engineering Division specifications.

Use requires shop drawing approval (non-structural details only) by EOR and WWS project manager for each manhole. The shop drawings are to be signed and sealed by the EOR.

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7.4 Manhole Risers

- ☐ Not used on this project
- ☐ Rell (Type 1 & 2) (Not approved for new manhole installations)
- ☐ EJ USA, Inc. (M2 & M5) (Not approved for new manhole installations)
- ☐ Other:_____(TSC approval required)

7.5 Manhole Connectors

- ☐ Not used on this project
- ☐ A-LOK (Z-LOK) (Cast in boot connector)
- ☐ KOR-N-SEAL I (706 Series)
- ☐ A-LOK (X-CELL) (Does not require stainless steel band)
- ☐ Other:_____(TSC approval required)

7.6 Manhole Grade Rings (Concrete) *

- ☐ Not used on this project
- ☐ Other:_____

*Pre-approved manufacturers include all manufacturers that meet or exceed ASTM, Florida Department of Transportation and Broward County Highway Construction and Engineering Division specifications. Use requires shop drawing approval by EOR.

7.6 Manhole Grade Rings (Plastic)

- ☐ Not used on this project
- ☐ Ladtech, Inc. (Plastic, for use with approved manhole chimney seal system only)
- ☐ Other:_____(TSC approval required)

7.7 Manhole Ring and Cover

- ☐ Not used on this project
- ☐ US Foundry (420 LR-ORS, 540 LR-ORS)
- ☐ US Foundry (690 AG-M, for air release valve manholes only, County logo not required)
- ☐ EJ USA (1072Z frame and 1072A1GS cover)
- ☐ Other:_____(TSC approval required)

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7.8 Meter Box and Lid

- ☐ Not used on this project
- ☐ OldCastle/ Carson Brand (Box) (MSBCF 1324-12; MSBCF 1416-12; MSBCF 1730-12)
- ☐ OldCastle/ East Jordan Iron Works (Lid)
- ☐ EBBA Iron (Lid)
- ☐ DFW (Box) (DFW39C-12-BODY; DFW1324C-12-BODY)
- ☐ SIGMA Model RMB 132412-SW-W and Ductile Iron Lid LC1324-R-D
- ☐ Hubbell Quartzite (13"X24" & 17"X30")
- ☐ Other:_____(TSC approval required)

7.9 Valve Boxes

- ☐ Not used on this project
- ☐ Tyler Union
- ☐ Star Pipe Products
- ☐ US Foundry
- ☐ EJ USA (8850 Box and 6800 Lid)
- ☐ SIP
- ☐ Bingham & Taylor Heavy Duty
- ☐ Other:_____(TSC approval required)

7.10 Wetwell and Valve Pit Structures *

- ☐ Not used on this project
- ☐ Other:_____

* Pre-approved manufacturers include all manufacturers that meet or exceed ASTM, Florida Department of Transportation and Broward County Highway Construction and Engineering Division specifications.

Use requires shop drawing approval by EOR and WWS project manager for each structure. Shop drawings to describe non- structural details and include buoyancy calculations when the structure is installed by the Tremie Seal method. The shop drawings are to be signed and sealed by the EOR.

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7.11 Wall Penetrating Seals

- ☐ Not used on this project
- ☐ PSI (Thunderline/ Link Seal, S-316)
- ☐ Advanced Products & Systems (Innerlynx, S-316)
- ☐ Metraflex (Metraseal, ES)
- ☐ Other:_____(TSC approval required)

Liners and Coatings

8.1 Coating for External Ductile Iron Pipe and Non-Wet Concrete Surfaces

- ☐ Not used on this project
- ☐ Tnemec Perma-Glaze 435. In extreme wastewater environments, prime non-concrete surfaces with Series 218 Motarclad)
- ☐ Other:_____(TSC approval required)

8.2 Manhole Chimney Seals

- ☐ Not used on this project
- ☐ Wrapidseal
- ☐ Other:_____(TSC approval required)

8.3 Wetwell, Valve Pit & Manhole Coatings (Level I)

- ☐ Not used on this project
- ☐ Carboline 300M
- ☐ Targuard
- ☐ Other:_____(TSC approval required)

8.3 Wetwell, Valve Pit & Manhole Coatings (Level II)

- ☐ Not used on this project
- ☐ Sewper Coat
- ☐ BASF SP15
- ☐ HITECH
- ☐ Other:_____(TSC approval required)

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8.3 Wetwell, Valve Pit & Manhole Coatings (Level III)

- ☐ Not used on this project
- ☐ BASF Sewer Guard HBS 100 Epoxy Liner
- ☐ Dura-plate 5900
- ☐ Spectrum Spectrashield Polyurea
- ☐ Other:_____(TSC approval required)

8.4 Wetwell, Valve Pit and Manhole Liners

- ☐ Not used on this project
- ☐ Other:_____(TSC approval required)

Pumps

9.1 Submersible Wastewater Lift Station Pumps (3-100 HP)

- ☐ Not used on this project
- ☐ Ebara *
- ☐ Flygt *
- ☐ Homa *
- ☐ Other:_____(TSC approval required)

* Not approved for all standard pump curves. Use requires shop drawing approval by EOR and WWS project manager for each lift (pumping) station. Shop drawings to detail hydraulic performance only.