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January 1, 2019

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AS-101 NOT USED

| January 1, 2019 | Revised By: KGL | Approved By: ADN |
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AS-102 PVC PRESSURE (DR18) PIPE

JEA.



DESCRIPTION: DR18 PVC Pipe. See Chapter IV. 2. - Section 428 & Chapter IV. 3. - Section 429 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|-------------|---------------------------------|---------|
| 4-inch – 60 | Diamond Plastics | N/A |
| 4-inch – 48 | JM Eagle | N/A |
| 4-inch – 30 | National Pipe & Plastics | N/A |
| 4-inch – 36 | North American Pipe Co. (NAPCO) | N/A |
| 4-inch – 48 | Ipex | N/A |
| 4-inch – 48 | National Pipe & Plastics | N/A |
| 4-inch – 12 | Sanderson Pipe Corportation | N/A |

DESCRIPTION: DR16 Pipe. See Chapter III. 1. - Section 350 of the current JEA Standards for specifications and requirements. See Chapter VI. 1. - Section 701 for Reclaimed Water specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|---------|--|---------|
| 16-inch | Diamond Plastics | N/A |
| 16-inch | JM Eagle | N/A |
| 16-inch | National Pipe & Plastics/National PVC) | N/A |
| 16-inch | North American Pipe Co. (NAPCO) | N/A |
| 16-inch | lpex | N/A |

AS-103 PVC GRAVITY PIPE

JEA.



DESCRIPTION: PVC SDR 26: See Chapter IV. 2. - Section 428 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|-----------------|---------------------------------|---------|
| 6-inch & larger | Charlotte Pipe | N/A |
| 6-inch & larger | Diamond Plastics Corp | N/A |
| 6-inch & larger | JM Eagle | N/A |
| 6-inch & larger | National Pipe & Plastics | N/A |
| 6-inch & larger | North American Pipe Co. (NAPCO) | N/A |
| 6-inch & larger | Sanderson Pipe Co. | N/A |
| 6-inch & larger | HAWK Plastics Corporation | SDR-26 |



AS-104 PVC PIPE (SCH 40 & SCH 80)

JEA



DESCRIPTION: PVC SCH 40 or 80 Pipe. See Chapter IV. 3. - Section 429 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|------------------|---------------------------------|---------|
| 3-inch & smaller | JM Eagle | |
| 3-inch & smaller | National Pipe & Plastics | |
| 3-inch & smaller | North American Pipe Co. (NAPCO) | |
| 3-inch & smaller | Sanderson Pipe Company | |
| 3-inch & smaller | Accord Industries | |
| 3-inch & smaller | Charlotte Pipe & Foundry | |



AS-201 DUCTILE IRON FITTINGS

JEA.



<u>Note:</u> Mechanical joint, 90degree bend & fittings, shown as example only (for additional joints, see specifications).

DESCRIPTION: Ductile Iron Fitting, epoxy-lined. See Sections 428 & Chapter IV. 3. - Section 429 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|-----------------|----------------------------------|---------|
| 3-inch & larger | Tyler Union | N/A |
| 3-inch & larger | Star Pipe Products | N/A |
| 3-inch & larger | Sigma Corporation (Russell Pipe) | N/A |
| 3-inch & larger | SIP Industries | N/A |
| 3-inch & larger | US Pipe | N/A |

| January 1, 2019 | Revised By: KGL | Approved By: ADN | |
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AS-202 NOT USED

JEA.



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AS-203 STAINLESS STEEL TAPPING SLEEVE

JEA



Note: Must be all stainless steel, no dissimilar metals allowed.

| DESCRIPTION: | Stainless Steel Tapping Sleeve. | See Section 430 of the current JEA Standards for |
|---------------------|----------------------------------|--|
| | specifications and requirements. | |

| SIZE | MANUFACTURER | MODEL # |
|-----------------|-------------------------|--|
| 4-inch & larger | Cascade Waterworks Mfg. | CST-EX |
| 4-inch & larger | Dresser Inc./GE | 630 |
| 4-inch & larger | Ford Meter Box Company | FAST Series, FTSS |
| 4-inch & larger | JCM Industries, Inc. | 432, 439, 452, (taps 14-inch and larger) |
| 4-inch & larger | Power Seal | 3490, 3490MJ (8-inch and smaller) |
| 4-inch & larger | Romac Industries, Inc. | SST |
| 4-inch & larger | Smith-Blair | N/A |
| 4-inch & larger | Mueller | H304 |

AS-204 PVC SOLVENT WELD FITTING

JEA



DESCRIPTION: Schedule 40 and 80 Solvent Weld Fittings. See Chapter IV. 3. - Section 429 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|------------------|--|---------|
| 3-inch & smaller | Ipex | |
| 3-inch & smaller | LASCO Fittings, Inc. | |
| 3-inch & smaller | Nibco | |
| 3-inch & smaller | Georg Fischer Sloane (GF Piping Systems) | |
| 3-inch & smaller | Spears | |
| 3-inch & smaller | Charlotte Pipe & Foundry | |



AS-205 PVC GRAVITY FITTING (SDR26)

JEA



DESCRIPTION: PVC Gravity Fitting (SDR26). See Chapter IV. 2. - Section 428 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|-----------------|--|---------|
| 6-inch & larger | GPK Products, Inc | |
| 6-inch & larger | Harco Inc. | |
| 6-inch & larger | Multi Fittings | |
| 6-inch & larger | Tigre-ADS USA | |
| 6-inch & larger | Plastic Trends (Royal Building Projects) | |



AS-206 PVC PRESSURE FITTING

JEA



DESCRIPTION: For 12 inch and smaller (Pressure Fittings) - PVC C900, DR18 Injection Molded, Push On Joint Fittings. See Chapter IV. 3. - Section 429 of the current JEA Standards for specifications and requirements. For 14 inch and larger (pressure Fittings) - PVC C905 Fabricated Fittings (no Tee Fitting). See Chapter IV. 3. - Section 429 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|------------------|--|---------|
| 4-inch – 12-inch | Harco Inc. | N/A |
| 4-inch – 12-inch | Multi-Fittings | N/A |
| 4-inch & larger | IPEX | N/A |
| 14-inch & larger | Galaxy Plastics | N/A |
| 14-inch & larger | Plastic Trends (Royal Building Projects) | N/A |

| January 1, 2019 | Revised By: KGL | Approved By: ADN |
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AS-301 VALVE BOX AND COVER

JEA.



| DESCRIPTION: | Valve Box and Cover. See Section 430 of the current JEA Standards for specifications | |
|---------------------|--|--|
| | and requirements. | |

| SIZE | MANUFACTURER | MODEL # |
|------|------------------------|---------------------------|
| N/A | Tyler Union | 461-S, Heavy Duty |
| N/A | Sigma (Russell Pipe) | VB-26, Heavy Duty |
| N/A | U.S. Foundry | 7500, Heavy Duty |
| N/A | East Jordon Iron Works | 461S, Heavy Duty |
| N/A | Star Pipe Products | VB 461 SHD, Heavy Duty |
| N/A | SIP | 6004/6004CL35, Heavy Duty |



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AS-302 **GATE VALVE**

JEA.



All valves shall Note:

open by turning to the left. Mechanical joint shown as example only. See specifications for additional joints.

| DESCRIPTION: | Resilient Seat Gate Valve. | See Section | n 430 of the curren | t JEA Standards for |
|--------------|-----------------------------|-------------|---------------------|---------------------|
| | specifications and requirem | nents. | | |

| SIZE | MANUFACTURER | M.Jt. MODEL # |
|-------------------|---|------------------|
| 3-inch & larger | AVK (S/S Stem Only) | Series 45 |
| 3-inch & larger | American Flow Control (American Cast Iron Pipe Company) | 2500 Series |
| 3-inch & larger | Clow Valve F-6100 | |
| 3-inch & larger | Kennedy Valve Company | 8571 |
| 3-inch & larger | M & H Valve Company | 4067 |
| 3-inch & larger | Mueller | A2360, 2361 |
| 3-inch & larger | U.S. Pipe | 250 |
| 3-inch & larger | American – RD (Kennedy Valve) | D 100 |
| 3-inch to 12-inch | United Water Products 2010 | |

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Note: All valves shall open by turning to the left.

JEA.

| DESCRIPTION: | Tapping Valve. | See Section 430 of the current JEA Standa | rds for specifications and |
|---------------------|----------------|---|----------------------------|
| | requirements. | | |

| SIZE | MANUFACTURER | MODEL # |
|-----------------|--|--------------|
| 3-inch & larger | American Flow Control (American Cast Iron Pipe Company) | N/A |
| 3-inch & larger | AVK (S/S Stem Only) | 25/30081 |
| 3-inch & larger | Clow Valve | F-6114 |
| 3-inch & larger | Kennedy Valve Company | 8950 |
| 3-inch & larger | M & H Valve | 4751 |
| 3-inch & larger | Mueller | T-2360, 2361 |
| 3-inch & larger | U.S. Pipe | 5860 |
| 3-inch & larger | Mueller – Aqua Grip | A-2361-76 |
| 3-inch & larger | American – RD (Kennedy Valve) | N/A |

DESCRIPTION: Insert-A-Valve: See Section 430 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|--------------------|----------------------------|------------------------|
| 4-inch thru 8-inch | ROMAC | 310 Sleeve w/361 valve |
| 10" thru 12" | ROMAC | 311 Sleeve w/358 valve |
| 14-inch & larger | Submittal and JEA Approval | Special Case |

January 1, 2019

Revised By: KGL

Approved By: ADN

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AS-304 PLUG VALVE

JEA



Note: Flange joint shown as example only. (For additional joints, see specifications.)

DESCRIPTION: Plug Valve. See Section 430 of the current JEA Standards for specifications and requirements. Actuator may be required to achieve 150 P.S.I. drip tight shut-off in both directions. Contact valve manufacturer for requirements.

| SIZE | MANUFACTURER | MODEL # |
|-----------------|--|-----------------|
| 3-inch & larger | Clow Valve /Kennedy | N/A |
| 3-inch & larger | Dezurik | N/A |
| 3-inch & larger | Dezurik | N/A |
| 3-inch & larger | TYCO/Keystone | Eccentric Valve |
| 3-inch & larger | Milliken Valve or Mueller Water Products | 600 N (MJ) |
| 3-inch & larger | Milliken Valve/Mueller Water Products | 601 N (FLG) |
| 3-inch & larger | Henry Pratt Co | N/A |
| 3-inch & larger | Val-Matic | N/A |

| January 1, | 2019 | Revised By: KGL | Approved By: ADN |
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AS-305 CHECK VALVE

JEA



DESCRIPTION: Check Valve. See Section 430 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|-----------------|--|--------------|
| 3-inch & larger | American Flow Control (American Cast Iron Pipe Company) | 50SC-LW |
| 3-inch & larger | Clow Valve/Kennedy | 106LW |
| 3-inch & larger | M & H Valve | 159-02 |
| 3-inch & larger | Mueller/CNNE(Charles Finch)/Milliken | 8001 |
| 3-inch & larger | NIBCO | F938-31-BL&W |
| 3-inch & larger | Matco-Norca | |



AS-306 AIR VALVE

JEA.



DESCRIPTION: Air Valve. See Section 430 of the current JEA Standards for specifications and requirements. It should be noted that, per the specification, valves may require back wash feature, stainless steel body or other requirements.

| SIZE | MANUFACTURER | MODEL # |
|--------|--|------------------|
| | AIR RELEASE VALVE | |
| Varies | A.R.I. USA | D-025-ST |
| | AIR COMBINATION VALVE (RELEASE & VACUUM) | |
| Varies | Vent-O-Mat | Series RGX II |
| Varies | A.R.I. USA | D-025-ST/D-26 NS |
| Varies | H-TEC USA | Series 989/986 |



AS-401 FULL CIRCLE 2" TAPPING SADDLE FOR ARVS

JEA.



DESCRIPTION: Full Circle 2" Tapping Sleeve 316 Stainless Steel for ARVs. See Chapter V. 3. - Section 430 and Chapter III-Section 351 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|-----------|----------------------|-------------------------|
| 3" to 48" | Ford Meter Box, Co | FAST-Q or FTSS-Q series |
| 4" to 24" | JCM Industries, Inc. | 6433 Series |

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AS-402 RESTRAINTS FOR PVC OR D.I. PIPE

JEA.



| DESCRIPTION: | Restraints for PVC or D.I. Pipe | See Section 429 of the current JEA Standards for |
|---------------------|---------------------------------|--|
| | specifications and requirement | S. |

| SIZE | MANUFACTURER | MODEL # |
|------------------|---|------------------------------------|
| 3-inch & larger | EBAA Iron | 1100 (Ductile Pipe Only) |
| 3-inch & larger | EBAA Iron | 2000 PV, 2000 SV (PVC Pipe Only) |
| 3-inch & larger | The Ford Meter Box Co, Inc (Uniflange) | 1400 (Ductile Pipe Only) |
| 3-inch & larger | The Ford Meter Box Co, Inc (Uniflange) | 1500 (PVC Pipe Only) |
| 3-inch to10-inch | Sigma (Russell Pipe) | One-Lok SLCE – (PVC pipe only) |
| 12-inch & larger | Sigma (Russell Pipe) | One-Lok SLCE – (PVC pipe only) |
| 3-inch & larger | Sigma (Russell Pipe) | One-Lok SLDE – (Ductile Pipe Only) |
| 3-inch & larger | Star Pipe | Stargrip 3000 (Ductile Pipe Only) |
| 3-inch & larger | Star Pipe | Stargrip 4000 (PVC Pipe) |
| 3-inch & larger | Tyler Union | TUFGrip (Ductile-TLD/PVC-TLP Pipe) |

| January 1, 2019 | Revised By: KGL | Approved By: ADN |
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AS-403 PVC OR D.I. BELL RESTRAINING DEVICE

JEA



| DESCRIPTION: | Bell Restraining Devices. | See Section 429 of the current JEA Standards for specifications | |
|--------------|---------------------------|---|--|
| | and requirements. | | |

| SIZE | MANUFACTURER | MODEL # |
|-----------------|--|---|
| 3-inch & larger | EBAA Iron | 1500 Series (PVC/Ductile) |
| 3-inch & larger | EBAA Iron | 1600 Series (PVC/Ductile) |
| 3-inch & larger | EBAA Iron | 2500 Series (PVC Only) |
| 3-inch & larger | EBAA Iron | 2800 Series (PVC Only) |
| 3-inch & larger | The Ford Meter Box Co, Inc (Uniflange) | 1300 Series (PVC/Ductile) |
| 3-inch & larger | The Ford Meter Box Co, Inc (Uniflange) | 1350 Series (PVC Only) |
| 3-inch & larger | The Ford Meter Box Co, Inc (Uniflange) | 1360 Series (PVC Only) |
| 3-inch & larger | The Ford Meter Box Co, Inc (Uniflange) | 1390 Series (PVC/Ductile) |
| 3-inch & larger | JCM Industries | 610 Series (PVC/Ductile) |
| 3-inch & larger | JCM Industries | 621 Series (PVC/Ductile) |
| 3-inch & larger | Romac | Grip Ring (PVC/Ductile) |
| 3-inch & larger | Star Pipe Products, Inc. | ALLGRIP 3600 (PVC/Ductile) |
| 3-inch & larger | Star Pipe Products, Inc. | 1000, 1100 (PVC/Ductile), 1200 (PVC Only) Series |
| 3-inch & larger | Star Pipe Products, Inc. | Stargrip 3100 (Ductile Only), 4100 (PVC Only) |
| 3-inch & larger | Tyler Union | 3000 (PVC Only) |
| 3-inch & larger | Sigma (Russell Pipe) | PWP(PVC/Ductile) |
| 3-inch & larger | SIP | PTPVC (PVC Only) |

January 1, 2019

Revised By: KGL

Approved By: ADN

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AS-404 ACCESSORY PACK

JEA



DESCRIPTION: Accessory Pack. See Chapter IV. 3. - Section 429 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|-----------------|---------------------------------|---------|
| 3-inch & larger | American Cast Iron Pipe Company | N/A |
| 3-inch & larger | Clow Valve | N/A |
| 3-inch & larger | Tyler Union | N/A |
| 3-inch & larger | U.S. Pipe and Foundry | N/A |
| 3-inch & larger | Sigma | N/A |
| 3-inch & larger | Star Pipe Products | N/A |
| 3-inch & larger | SIP | N/A |



AS-405 MECHANICAL JOINT FASTENER

JEA.



DESCRIPTION: Mechanical Joint Fasteners. See Chapter IV. 3. - Section 429 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|------|--------------------|---------|
| | Tie Lugs | |
| | See Specifications | |
| | All Thread Rods | |
| | See Specifications | |
| | Eye Bolts | |
| | See Specifications | |
| | Nuts & Washers | |
| | See Specifications | |



AS-406 FLANGE ADAPTER

JEA



DESCRIPTION: Flange Adapters. See Section 429 of the current JEA Standards for specifications and requirements. The use of flange adapters shall be limited to areas specifically approved by JEA on a project-by-project basis.

| SIZE | MANUFACTURER | MODEL # |
|-----------------|--|-------------------------------------|
| 3-inch & larger | EBAA | Series 1000 DIP only |
| 3-inch & larger | EBAA Iron | Series 2100 PVC or DI |
| 3-inch & larger | The Ford Meter Box Co, Inc (Uniflange) | 200 C & S 400 C & S 900 C & S |
| 3-inch & larger | The Ford Meter Box Co, Inc (Uniflange) | UFA-200 DIP UFA-900 PVC |
| 3-inch & larger | Star Pipe | Series 200G Series 400G |

| January 1, 2019 | Revised By: KGL | Approved By: ADN |
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AS-407 CASING SPACER

JEA.



| DESCRIPTION: | Casing Spacers. See Sections 428 & Chapter IV. 3 Section 429 of the current JEA |
|---------------------|---|
| | Standards for specifications and requirements. |

| SIZE | MANUFACTURER | MODEL # |
|--------|---|---------------------------|
| Varies | Cascade Waterworks Mfg. | CCS |
| Varies | Pipeline Seal & Insulator, Co (EnPro Industries, Inc.) | S/S Type |
| Varies | Pipeline Seal & Insulator, Co (EnPro Industries, Inc.) | PVC Coated Steel |
| Varies | Pipeline Seal & Insulator, Co (EnPro Industries, Inc.) | Ranger II |
| Varies | Raci Spacers | High Density Polyethylene |
| Varies | BWM Company | N/A |
| Varies | Advanced Products & Systems | SSI, SI, CI |
| Varies | CCI Pipeline Systems | CSC, CSS |

AS-408 PIPE COUPLING

JEA



O.D. Ranges may vary. Refer to manufacturer's specifications. Note:

| DESCRIPTION: Cast Coupling. See Chapter IV. 2 Section 428 of the current JEA Standards for specifications and requirements, including coating requirements. | | | |
|--|-------------------------|-------------------------|--|
| SIZE | | | |
| 4-inch & larger | Cascade Waterworks Mfg. | CDC, CRC, CRFA | |
| 4-inch & larger | Dressler Inc./GE | 153 | |
| 4-inch & larger | Ford Meter Box | FC2A, FC2N | |
| 4-inch & larger | JCM | 210 | |
| 4-inch & larger | PowerSeal | 3501, 3501B, 3506, 3521 | |
| 4-inch & larger | Romac | 501 | |
| 4-inch & larger | Smith-Blair | 441 | |
| 4-inch & larger | TPS, Hymax | 2000 | |
| 4-inch & larger | Mueller | MAXIFIT | |
| 4-inch & larger | Mueller Co | N/A | |
| 4-inch & larger | FERNCO | 1000 | |

Approved By: ADN

AS-409 FULL CIRCLE REPAIR CLAMP

JEA



DESCRIPTION: Full Circle Repair Clamp (stainless steel). See Chapter IV. 3. - Section 429 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|-----------|--------------------|---------------------|
| All Sizes | Ford Meter Box, Co | "F" or "FS" Series |
| All Sizes | Dresser Inc./GE | 360 |
| All Sizes | JCM Industries | 101 or 131 |
| All Sizes | JCM Industries | 102 or 132 |
| All Sizes | Powerseal | 3121 or 3122 |
| All Sizes | Romac | "SS" or "CL" Series |
| All Sizes | Smith Blair | Series 226 or 256 |
| All Sizes | Smith Blair | Series 228 or 263 |
| All Sizes | TPS, EZ-MAX | Model 4000 |
| All Sizes | Mueller Co. | 500, 510, 540, 550 |

AS-501 MANHOLE AND ACCESSORIES

JEA.



DESCRIPTION: Manhole and Accessories. See Section 427 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|-------------------------------|------------------------------------|----------------|
| · · | Manhole and Accessories | |
| | Precast Concrete | |
| Varies | Standard Precast | N/A |
| Varies | Forterra | N/A |
| Varies | Del Zotto Precast | N/A |
| | Poly-Concreter | |
| Varies | Armorock | N/A |
| <u>.</u> | Manhole Joint Sealant | |
| 1-inch | Con-Seal | CS102, 202 |
| 1-1/2 inch | Ram-Nek/Henry Company | Ram-Nek |
| | NPC Bidco /Trelleborg | C-56 |
| 1-inch | Evergrip | 990 |
| | Exterior Joint Sealant Tape | |
| 0.1 inch X 8 inch W (minimum) | Con Seal | CS-300, CS-212 |
| 9 inch W (minimum) | Rub-R-Nek/ Henry Company | N/A |
| 18 inch W (minimum) | Wrapid Seal (CCI Pipeline systems) | N/A |
| | Manhole General Coating | |
| 12 mils thick | Con-Seal | CS-55 |
| 12 mils thick | PRO-Tec Coatings, Inc. | EW1-Aquapoxy |

January 1, 2019

Revised By: KGL

Approved By: ADN

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AS-502 PROTECTIVE COATING

JEA.



<u>DESCRIPTION</u>: Water Wastewater Protective Coating. See Section 447 of the current JEA Standards for specifications and requirements.

| COMPANY NAME | CONTACTS | PHONE | EMAIL |
|----------------------------------|-----------------|--------------|-----------------------|
| The Sherwin-Williams Company | Josh Hinson | 904-591-3137 | swrep4538@sherwin.com |
| Corrocoat Usa, Inc. | Josh Tankersley | 904-472-0768 | Josht@corrocoat.com |
| PPG Protective & Marine Coatings | Jim Hartley | 904-626-6382 | jim.hartley@ppg.com |

| January 1, 2019 | Revised By: KGL | Approved By: ADN | |
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AS-503 MANHOLE ADJUSTMENT RING

JEA.



DESCRIPTION: Manhole (adjustment rings) Collars. See Section 427 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|--------|---------------------------|---------|
| Varies | Standard Precast | |
| Varies | Forterra | |
| Varies | Lad Tech, HDPE Rings | |
| Varies | EJ, Steel Adjustment Ring | |
| Varies | EJ, infra-riser | |



AS-504 MANHOLE FRAME AND COVER

JEA.



DESCRIPTION: Manhole Frame and Cover (with rubber "T" Gaskets). See Section 427 of the current JEA Standards for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|---------|------------------------|---------|
| 32-inch | U.S. Foundry | USF-655 |
| 32-inch | East Jordan Iron Works | N/A |

| January 1, 2019 | Revised By: KGL | Approved By: ADN | |
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AS-601 ALUMINUM HATCH (FRAME AND COVER)

JEA



DESCRIPTION: Aluminum Hatch Frame and Cover. See Section 433 of the current JEA Standard for specifications and requirements.

| SIZE | MANUFACTURER | MODEL # |
|--------|-------------------------|---------|
| Varies | U.S. Foundry | |
| Varies | Halliday Products, Inc. | |



AS-602 CONCRETE LINER

JEA.



DESCRIPTION: Concrete Liner. See Section 446 of the current JEA Standards for specifications and requirements.

| MANUFACTURER | MODEL # |
|---|------------------------|
| Associated Fiberglass Enterprises | Hard Shell Liner (***) |
| Concrete Conservation, Inc. | Spectra-Shield (*) |
| L. F. Manufacturing, Inc. | Hard Shell Liner (***) |
| LarFarge/ Kerneos Inc. Calcium Aluminates | SEWPERCOAT (**) |
| GML Coatings, LLC. | Green Monster (*) |

NOTES:

Denotes Polyurethane, HDPE or Fiberglass Liner Material (*)

- Denotes Cementitious Liner Material
- (**) (***) Denotes Hard Shell Liner Material





JEA.

DESCRIPTION: Wastewater Pump. See Section 433 of the current JEA Standards for specifications and requirements. It is intended that JEA approved material list shall be considered acceptable, unless new technology exist or if it is in the best interest of JEA to revise the approved material list.

| SUBMERSIBLE WASTEWATER 1800 RPM PUMPS | | | |
|---|------------------|--|--|
| Manufacturer/Representative | Telephone Number | | |
| Flygt rep David Williams | (239) 825-8384 | | |
| WILO-EMU, rep by PSI Technologies | (904) 588-2132 | | |
| KSB, rep by Custom Pump | (904) 858-9605 | | |
| Hydromatic, rep by Barneys Pump (40hp and less) | (904) 260-0669 | | |
| SUBMERSIBLE WASTEWATER 3600 RPM PUMPS | | | |
| Flygt rep David Williams | (239) 825-8384 | | |
| DRY-PIT WASTEWATER PUMPS | | | |
| WILO-EMU, rep by PSI Technologies (904) 588-213 | | | |
| Flow Serve (MSX), rep by Carter & Ver Planck | (813) 287-0709 | | |
| KSB, rep by Custom Pump | (904) 858-9605 | | |
| Flygt, rep David Williams | (239) 825 8384 | | |
| FLOODED SUCTION SOLIDS HANDLING PUMPS | | | |
| Fairbanks Morse, rep by Sanders Company, Inc. | (772)-220-2900 | | |
| Worthington, rep by Carter & Ver Planck | (813) 287-0709 | | |
| Allis Chalmers, rep David Williams | (239) 825-8384 | | |

January 1, 2019

Revised By: KGL

Approved By: ADN

WASTEWATER APPROVED MATERIALS

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AS-604

JEA

ELECTRICAL, CONTROL PANEL, VFD & SCADA



<u>DESCRIPTION</u>: Pump Station Electrical and Control Panel including (RTU). See Section 433 of the current JEA Standards for specifications and requirements.

| COMPANY NAME | CONTACTS | PHONE | EMAIL |
|-------------------------|----------------|---------------|-------------------------------|
| ECS | Ralph Sinn | (904)367-5000 | ralph@ecs31.com |
| EG Controls, Inc. | Sonia McKenzie | (904)292-0110 | smcenizie@egcontrols.com |
| Suncoast | Mark Owens | (904)693-3318 | mowens@suncoastcontrols.biz |
| Sun State System, Inc. | Tony Rhodes | (904)269-2544 | trhodes@sunstatesystems.com |
| Infamation Technologies | James Ruiz | (904)425-4760 | jruiz@itgtec.com |
| Group, (ITG) * | | | |
| DSI Innovations LLC.* | Sean Patterson | (336)893.8385 | spatterson@dsiinnovations.com |

* System integrators

DESCRIPTION: Variable Frequency Drives (VFD). See section 433 of the current JEA standard for specifications and requirements. It is intended that this JEA approved material will be considered acceptable, unless new technology exist or if it is in the best interest of JEA to revise the approved material list.

| VFD | SCADA | |
|---------------------|---------|--|
| Cutler Hammer/Eaton | SIEMENS | |

AS-605 Emergency Pump Engine

JEA.



DESCRIPTION: Emergency Pump Engines, See Section 470 of the current JEA Standards for specifications and requirements.

| PUMP MANUFACTURER | CONTACTS | PHONE | EMAIL |
|-------------------|--------------|----------------|---------------------------------|
| Thompson Pump | Brian Lee | (386) 212-6999 | blee@thompsonpump.com |
| Holland Pump | Eugene Lant | (321) 297-6372 | eugene@hollandpump.com |
| Godwin Pump | Chris Ocampo | (904) 338-4099 | christopher.ocampo@xyleminc.com |

| ENGINE MAN | NUFACTURER | 4" PUMP/SET | 6" PUMP/SET | 8" PUMP/SET | 10" PUMP/SET | 12" PUMP/SET |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| John Deere | | 4024T281-SP1 | 4045T280-SP2 | 4045T285-SP2 | 6068H285-SP2 | 6090H485-SP1 |
| Caterpillar | (C18 Tier3)* | 2.2T-SP | C4.4T-SP | C4.4E-TA-SP | C6.65E-SP | C9-SP |
| Mitsubishi | | S4Q2-VS/14A | N/A | N/A | N/A | N/A |

Alternative engine manufacturer with approval by JEA *Optional for greater than 12" pump/set

| January | 1, | 2019 |
|---------|----|------|
| | | |

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