



APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF POTABLE
WATER AND RECYCLED WATER FACILITIES

Submittal #: _____

VID Project #: _____

Project Name: _____

This form is part of the Approved Materials Checklist that follows. It is intended for use by developers or contractors constructing potable water or recycled water facilities within the Vista Irrigation District. An authorized representative of the developer shall check a single box per item for materials to be used in conjunction with the project, shall fill out this form in its entirety, and shall sign the certification statement below. Contact the District if part numbers or models indicated within the Approved Materials Checklist are no longer available. District personnel will review this form and the Approved Materials Checklist and will separately attach review comments.

DEVELOPER INFORMATION

| |
|-------------------|
| _____ |
| Company Name |
| _____ |
| Contact Person |
| _____ |
| Mailing Address |
| _____ |
| City , State, Zip |
| _____ |
| Cell/ Office/ FAX |
| _____ |
| Email |

CONTRACTOR INFORMATION

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|-------------------|
| _____ |
| Company Name |
| _____ |
| Contact Person |
| _____ |
| Mailing Address |
| _____ |
| City , State, Zip |
| _____ |
| Cell/ Office/ FAX |
| _____ |
| Email |

SUPPLIER INFORMATION

| |
|-------------------|
| _____ |
| Company Name |
| _____ |
| Contact Person |
| _____ |
| Mailing Address |
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| City , State, Zip |
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| Cell/ Office/ FAX |
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| Email |

I hereby certify that the specific products indicated within the attached Approved Materials Checklist represent a true list of materials to be used within the project indicated above, and I acknowledge understanding of the requirements that follow. Any and all specific requirements detailed within the Standard Specifications shall apply to all materials proposed for use on this project. When the notation "Full Submittal Required" or similar language appears within this Approved Materials List, or when required materials do not appear within this Approved Materials List, complete shop drawing submittals are required in accordance with the procedures detailed in the Standard Specifications. All materials supplied to the job site shall conform in all ways to the requirements of the Standard Specifications.

Signed By Developer or Contractor Representative

Printed Name of Developer or Contractor Representative

Date

Telephone

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| ITEM | DESCRIPTION | MANUFACTURER | SELECT | COMMENTS |
|---|---|---|--|----------|
| ACTUATOR | Electric Valve Actuators used for Valve Control on Motor Operated Valves. Full Submittal Required. | Auma SG Series EIM Rotork Flo-Loc FloPak Pratt | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| ADAPTER, FLANGE COUPLING | 150mm (6") and Larger, MJ x Flg. Steel or Ductile-Iron Construction without Anchor Pins, Epoxy Coated, 304 Stainless Steel Bolts and Nuts. | Dresser 127 Dresser 227 Ford FFCA Style JCM 301 Powerseal 3521 Powerseal 3528 Romac FCA501 Romac FC400 Smith-Blair 912 Smith-Blair 913 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| AIR/VACUUM VALVE, ENCLOSURE, PLASTIC | 3/16" Wall Polyethylene with UV Stabilizer. (color selection subject to District Engineer (color selection subject to District Engineer approval) | Pipeline Products, Advantage Series VCAS 1830 | <input type="checkbox"/> | |
| AIR/VACUUM VALVE SUCTION SCREEN | For use on (1") and (2") Air/Vacuum Installations. FIP Nylon Nut Style with 20 Mesh Stainless Steel Screen. | Christy VC Series McMaster-Carr 9877K52 McMaster-Carr 9877K65 Northtown Hytech | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| ANODE, MAGNESIUM | High or Standard Potential Anode with a Galvanized Steel Core Encased in a Square Magnesium Alloy Ingot Pre-packaged in a Permeable Cotton Cloth Bag Filled with a 75% Gypsum, 20% Bentonite, 5% Sodium Sulfate Mixture. Provide Ingot Weight as Specified on the Approved Plans. See Standard Drawing 8-1. Full Submittal Required. | | <input type="checkbox"/> | |
| ANODE, ZINC | Pre-Packaged 6.8 Kg (30lbs) Min. Sacrificial Anode, #12 THHN Lead Wire, for the Protection of Copper Tubing. See Standard Drawings 8-14 | Hytech Pipeline Products CP-Z15 Christy's | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| ANTI-SEIZE COMPOUND | For use on Stainless Steel Bolts and Nuts. | Loctite Nevr Seize | <input type="checkbox"/> <input type="checkbox"/> | |
| BACKFLOW PREVENTER | Reduced Pressure Principal Type Assemblies as Approved by the USC List of approved Backflow Devices. | As Shown on List of Approved Backflow Prevention Assemblies | <input type="checkbox"/> | |
| BALL JOINTS FLEXIBLE/EXPANSION | ANSI/AWWA C153/A21.53 | ANSI/AWWA C153/A21.53 | <input type="checkbox"/> | |

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|---|--|---|--|----------|
| BOLTS AND NUTS, A307 | Hex-Head Machine, Cadmium/Zinc Plated, ASTM A307, Grade A Bolts and A307 2H Heavy Hex Nuts. Full Submittal Required. | | <input type="checkbox"/> | |
| BOLTS AND NUTS, A307 | Hex-Head Machine, Fluoropolymer Coated, ASTM A307, Grade A Bolts and A307 2H Heavy Hex Nuts. Full Submittal Required. | Tripac 2000 Blue | <input type="checkbox"/> | |
| BOLTS, EXPANSION, DROP-IN ANCHOR | (1/2") x (3") Stainless Steel Heavy Duty Anchor System with Anchor, Drop-in Sleeve and Epoxy Resin Adhesive Assembly with Hex Head Threaded Rod and Washer Capsule. For use on Air Valve and Water Test Station Enclosures. | Hilti HSLG-R Series U.S. Anchor W Series | <input type="checkbox"/> <input type="checkbox"/> | |
| BONDING AGENT, EPOXY | Epoxy Resin Based Bonding Agent for Bonding New Mortar or Concrete to Existing Concrete. | Sika Sikadur 32 Hi-Mod | <input type="checkbox"/> | |
| CASING END SEAL | (1/4") Thick Styrene Butadiene Rubber Sheet End Seal. Use (1") Wide Stainless Steel Bands. Zippered End Seals with Stainless Steel Bands May Also be Used. | Advance Products & Systems Cascade Calpico Pipeline Seal & Insulator Powerseal Raychem | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| CASING SPACER | Stainless Steel Casing Spacer, Center Restrained, Position Type with PVC Liner and Non-metallic Anti-friction Runners. Full Submittal Required. | Advance Products & Systems Cascade Calpico Pipeline Seal & Insulator Powerseal Raychem | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| CATHODIC TEST STATION BOX | 25.4 Kg (54 lbs) Concrete Body with 5.4 Kg (12 lbs) Ductile Iron Lid and Lid Ring. "CP TEST" Shall Be Cast into the Lid in 25mm (1") Letters. For Cathodic Protection Test Stations, Anode Ground Beds and Insulated Flange Test Stations. | Brooks 1-RT series Christy Farwest Type 1-RT J & R Model V6-R | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| CATHODIC WELDING | For Welding Cathodic Bond Wires to Steel Pipelines. | Cadweld | <input type="checkbox"/> | |
| CHLORINE | Liquid (Gas) or Sodium Hypochlorite Solution. Chlorination Plan Submittal Required | | <input type="checkbox"/> | |

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| CLAMP, REPAIR | Stainless Steel, Full circle, Double Lug. For ACP, PVC, DI or CI Pipe, Sizes 100mm (4") Through 55mm (20"). | Adams 220 | <input type="checkbox"/> | |
| | | APAC 402 | <input type="checkbox"/> | |
| | | APAC 422 | <input type="checkbox"/> | |
| | | APAC 432 | <input type="checkbox"/> | |
| | | Cascade CR-2 | <input type="checkbox"/> | |
| | | Cascade CRT-2 | <input type="checkbox"/> | |
| | | Ford F2 | <input type="checkbox"/> | |
| | | Ford FS2 | <input type="checkbox"/> | |
| | | JCM 102 | <input type="checkbox"/> | |
| | | Mueller 510 | <input type="checkbox"/> | |
| | | Powerseal 3111 | <input type="checkbox"/> | |
| | | Powerseal 3122 | <input type="checkbox"/> | |
| | | Romac SS2 | <input type="checkbox"/> | |
| | | Romac CL2 | <input type="checkbox"/> | |
| Smith-Blair 227 | <input type="checkbox"/> | | | |
| COATING, INTERNAL PIPE | For Coating the Internal Pipe Lining for an Insulated Flange. | Aquatapoxy CCI Hydro-Pox | <input type="checkbox"/> <input type="checkbox"/> | |
| COATING, MASTIC | Cold-Applied Coal Tar- or Epoxy-Based Single Component, Self-Priming, Heavy Duty Protective Exterior Coating for Buried Concrete. | Carboline Bitumastic 50 Devoe Devtar 5A Polykem 938 Tnemec HB Tnemecol 46-465 Tnemec HB Tneme-Tar 46H-413 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| COATING, WATERPROOF | Epoxy Resin-Based Cementitious Trowel Grade Protective Waterproofing for Concrete. | Sika Top Seal 107 Sto CR 241 | <input type="checkbox"/> <input type="checkbox"/> | |
| COPPER DISC, SOLID | For Plugging Corporation Stops When a Service is to be Abandoned. | Ford Copper Disc A.Y. McDonald 6125 Mueller H-15535 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| CORPORATION STOP, BALLCORP | Bronze MIP x FLARE Thread Ball Valve (T-Head only) (3/4") & (1") Full Opening. | Ford FB 700 - NL A.Y. McDonald 74704B Mueller B-25025 N | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| CORPORATION STOP, BALLCORP | Bronze MIP x FIP Thread Ball Valve (T-Head only), (1 1/2") & (2") Full Opening | Ford FB1700-NL A.Y. McDonald 73149B Mueller B-20046 N | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| COUPLING, C900 PVC DEFLECTION | 100mm (4") through 300mm (12") Solid PVC for Obtaining Deflection Only. Provides 5 Degree Maximum Deflection. | Certainteed Vinyl Iron HD | <input type="checkbox"/> | |
| COUPLING, C900 PVC CLOSURE OR REPAIR | 100mm (4") through 300mm (12") Solid PVC for Closure or Repair. | Certainteed Vinyl Iron HD | <input type="checkbox"/> | |
| COUPLING, C905 PVC CLOSURE, DEFLECTION OR REPAIR | 400mm (16") through 900mm (36") Solid PVC for Closure, Deflection or Repair. | IPEX Nyloplast America Scepter | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

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|--------------------------------------|---|--|--|----------|
| COUPLING, GROOVED | Use for Aboveground DI or Steel Pipe 100mm (4") or Larger. | Grinnell #7001 Tyler 500 Victaulic Style 44 Victaulic Style 77 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| COUPLING, HALF, STEEL | Forged Steel Half Coupling, ASTM A105, 3000#, NPT Threads. | Bonney Forge | <input type="checkbox"/> | |
| COUPLING, STRAIGHT FLEXIBLE | 100mm (4") and Larger, Steel or Ductile-Iron Construction, Slip x Slip, Epoxy-Coated with 304 or 316 Stainless Steel Bolts and Nuts. For use on AC, PVC, DI, or Steel Pipe. | APAC 301 Ford FC1 Dresser 253 Powerseal 3501 Powerseal 3538 Romac 501 Smith-Blair 441 Viking Johnson MaxiFit | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| COUPLING, TRANSITION FLEXIBLE | (4") and Larger, Steel or Ductile-Iron Construction, Slip x Slip, Epoxy Coated with 304 or 316 Stainless Steel Bolts and Nuts. For use on AC, PVC, DI, or Steel Pipe. | APAC 311 APAC 313 Baker Ford FC2A Dresser 253 Powerseal 3501 Powerseal 3538 Romac 501 Romac XR501 Smith-Blair 413 Viking Johnson MaxiFit | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| COUPLING, DI-ELECTRIC | Merchant Plated Steel Coupling- Mycarta Connector. | Calpico F.H. Mahoney | <input type="checkbox"/> <input type="checkbox"/> | |
| CUSTOMER SIDE SHUT-OFF VALVE | (3/4") and (1") Bronze Customer Shut-off (Ball Valve), Inlet Swivel Meter Nut x Outlet FIP Thread, Lockable Tabs, with Lever Handle. | Cambridge ¾ 212-F3T3H Cambridge 1 212-F4T4H Ford B13-332W w/ HT34 Ford B13-444W w/ HT34 Jones J-1908W A.Y. McDonald 6101MWHB Mueller B-24351 w/B-20298-99000 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| CUSTOMER SIDE SHUT-OFF VALVE | (1-1/2") and (2") Bronze Customer Shut-off (Ball Valve), Inlet Meter Flange x Outlet FIP Thread, Lockable Tabs, with Lever Handle. | Cambridge 1 ½ 212-F6MF6H Cambridge 2 212-F7MF7H Ford BF13-666W w/HB-67S Ford BF13-777W w/HB-67S Jones J-1913W A.Y. McDonald 6101MWHB Mueller B-24337 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

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| DECOMPOSED GRANITE | Imported Quarry Decomposed Granite. Full Submittal Required. | | <input type="checkbox"/> | |
| DISMANTLING JOINT | Telescoping, Adjustable, Double-Flanged Fitting, with High Tensile Strength Zinc-Plated Tie Bars. NSF-61 Epoxy or Nylon Interior and Exterior Coating. | Viking Johnson Romac DJ400 Dresser 131 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| DUST CAP, CAM AND GROOVE FITTING, LOCKING | 316 Stainless Steel Cam and Groove Fitting Dust Cap, 50mm (2"), (4") or (6"). | OPW Kamlock 700 Type DC-SS Dixon "Andrews" Type DC | <input type="checkbox"/> <input type="checkbox"/> | |
| ELL, BURY, DUCTILE IRON | (6") x (16") Ductile Iron Bury Ells, Long Radius, FLG. x P.O. | Clow Tyler South Bay Foundry | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| EPOXY ADHESIVE | High-Modulus, Low-Viscosity, Epoxy Resin-Based Adhesive Suitable for Grouting Bolts or Dowels. | Sika Sikadur 31 Sika Sikadur 35 | <input type="checkbox"/> <input type="checkbox"/> | |
| EXPANSION JOINT | For Water Pipeline Bridge Crossings. | APAC 703 Dresser 63 Onyx Valve 99 Powerseal 3563 Smith-Blair 611 Smith-Blair 612 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| EXPANSION JOINT, RUBBER | Expansion Joints at Reservoir and Pump Station Inlet/Outlet Piping to Allow Lateral Movement and Isolate Vibration. | General Rubber 1050 General Rubber 1075 Holz CSM Holz CR Holz C11R Mercer 500-700 Metraflex Metra Red Valve Redflex | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| FITTING, DUCTILE IRON | Flanged, Mechanical Joint or Push-on Tees, Bends, Crosses, Reducers, Adapters, etc., for Water Lines (4") and Larger. Manufactured per AWWA C110, C111 and C153. | Bachman Griffin Nappco/Sigma Pipeline Components Star Tyler | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| FITTING, GROOVED | Grooved Ductile-Iron Fittings for Grooved End Pipes, (4") through (24"). | Grinnell Tyler G-B Victaulic | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

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|---|---|---|--|----------|
| FLANGE, FITTINGS DI, CAST IRON | Companion, reducing blind – Standard AWWA 110 Casting | Domestic Tyler Union Sigma Star Buchman | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| FLANGE RING GASKETS | ANSI C111 Drop-in 1/16" thick | Calpico J-M Mfg. Co. or Equal | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| FLANGE RING GASKETS | ANSI B16.5 1/8" thick (CML&C Piping) | ANSI B16.5 1/8" thick (CML&C Piping) | <input type="checkbox"/> | |
| FITTINGS, BRASS & COPPER | Various sizes & types of ell bends, tee, adaptors, cap bushings, unions, plug, couplings, nipples | Lee Nibco Mueller Eckhart | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| FIRE HYDRANT BREAK-OFF CHECK VALVE | Break-off Valves for Fire Hydrants. Full Submittal Required. | Long Beach Iron LB400 | <input type="checkbox"/> | |
| FIRE HYDRANT CAP | Screwed Brass or Ductile-Iron Cap for Fire Hydrant Hose Ports, (2-1/2") and (4"). | AVK Jones Long Beach Iron US Pipe | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| FIRE HYDRANT, 1.03 MPa (150 PSI) | (6") Standard 1.03 MPa (150 PSI) Wet Barrel Bronze Fire Hydrants with Six-Hole Bolt Pattern Color shall be Safety Yellow. | AVK 2462X/64X/68X Clow 2050 Clow 2060 Clow 2065 Jones J3775 - San Marcos Reqm't Jones J3700 - San Marcos Reqm't Jones J3765 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| GASKET | (1/8") Thick Full Face Aramid Fiber Bound with Nitrile. No Asbestos Content. | Calpico Garlock 3000 Johns-Manville Klinger 4401 Tripac 5000 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| GASKET, RUBBER, GASOLINERESISTANT | Gasoline-Resistant Pipe Gaskets for Water Mains. | Newby | <input type="checkbox"/> | |
| GATE WELL LID- 200mm (8") | Ductile- or Cast-Iron Lid used for Valve Access, (8") Nominal Diameter Lid with a (6") Long Skirt and Lifting Slot. Well Installations. See Standard Drawing 5-3. | South Bay Foundry SBF (single lid) B6187 / 22lbs. | <input type="checkbox"/> | |

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|---|--|---|--|----------|
| GATE WELL LID AND CAN ASSEMBLY | Ductile- or Cast-Iron, Machined Frame with Ductile- or Cast-Iron Lid. Used for Valve Access. (8") Nominal Diameter Lid with a (6") Long Skirt and Lifting Slot. Full Submittal Required. | South Bay Foundry SBF1208N Cap and Can (2-piece) Assembly | <input type="checkbox"/> | |
| GREASE | For Bolt Corrosion Protection on Buried Bolts. | Sanchem NO-OX-ID Dearborn Chemical | <input type="checkbox"/> <input type="checkbox"/> | |
| GROUT | Non-Shrink Cementitious Construction Grout for Crack Repair, Flooring Mortar, Dowel Grouting, Crack Sealing and General Binding. | Sika Sikagrout 212 Sto Epoxy Binder CR633 Sto Epoxy Gel CR635 Sto N-S Grout CR732 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| HUMIDISTAT | 120 Volt, 6.0 AMP, Single Phase with Adjustable Low and High Lockable Limit Stops. Adjustable Range of 20% to 70% Humidity and Suitable for Wet Locations. Full Submittal Required. | | <input type="checkbox"/> | |
| INSULATING BLANKET | Insulating Blanket for Corrosion Interference Mitigation. | McMaster-Carr | <input type="checkbox"/> | |
| INSULATING COUPLINGS | Insulating Couplings for Corrosion Protection of Pipelines. | Romac IC400 Romac IC501 Lochinvar | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| INSULATING GASKET KIT | Insulating Gasket Kits for Corrosion Protection of Pipelines. | Advance Products & Systems Calpico Pipeline Seal & Insulator GasketSeal Pipeline Seal & Insulator LineBacker Farwest | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| ISOLATOR, VIBRATION | Wire Rope Seismic Support for Pipelines for Isolating Vibrations and Shocks. | Enidine Steelpaw | <input type="checkbox"/> | |
| JOINT RESTRAINT ASSEMBLY | 360-Degree Wedge-Type Restraint System for Ductile-Iron, PVC, and Steel Pipe, Sizes (6") Through (30"). For use by District Forces only Where Concrete Thrust Restraint is not Possible. Prior Approval of District Engineer is Required. | Ford Uni-Flange 1300 Series Ford Uni-Flange 1500 Series Mueller Aquagrip Sigma PV-Lok Star Allgrip series 3600 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| JOINT SEALING COMPOUND, PLASTIC ROPE | For use on Precast Vault and Manhole in Grooved Joints Between Sections. | Quickset Joint Sealing Compound | <input type="checkbox"/> | |
| LUBRICANT, PIPE GASKET | Rubber Gasket Pipe Lubricant for Use on PVC or Ductile-Iron Pipe Joints, NSF-61 Listing Required. | Christy Pro-Lube Seacord Ease-On Whitlam Blue Lube | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| MARKER, UTILITY | Flexible Reinforced Polymer Glass Fiber Composite Strip Identification Marker. Branded or Customized Identification Markings for Pipelines and Appurtenances May Be Required. | Carsonite CUM-375 Christy's | <input type="checkbox"/> <input type="checkbox"/> | |

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| METER ADAPTER | For Replacing Large Meters with Smaller Meters. | Cambridge 440 Series Ford A Series Jones J128H A.Y. McDonald 10J Series Mueller H10889 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| METER BOX | (17" x 30") Polymer Meter box with 2-Piece Lid for 50mm (2") & (1 1/2") Water Services. Gray for Potable Water use, Purple for Recycled Water use. | Armorcast A6001640PC-12 with #A60001643DZ Cover and A6000482 Read Lid | <input type="checkbox"/> | |
| METER BOX | (13"x 24"x 12") Polymer Meter box with Flared Fiberglass Base rated 20K and 2-Piece Lid For (1") water services. Gray for Potable Water use. | Armorcast A6001946TX12-SDGTD with #A6001969W Cover and #A6000481DT Read Lid | <input type="checkbox"/> | |
| METER BOX | (12" x 20"x 12") Plastic box with 1-Piece Lid for (3/4" & 1") Water Services. Green or Black for Potable Water use, Purple for Recycled Water use | Carson | <input type="checkbox"/> | |
| METER BOX | (13" x 24"x 12") Plastic box with 1-Piece Lid for (1") Water Services. Green or Black for Potable Water use, Purple for Recycled Water use. | Carson | <input type="checkbox"/> | |
| METER BOX | (17" x 30") Plastic box with 1-Piece Lid for (2") & (1 1/2") Water Services. Green or Black for Potable Water use, Purple for Recycled Water use. | Carson | <input type="checkbox"/> | |
| METER FLANGE | Bronze Meter Flanges for (1-1/2") and (2") Meters with Slotted Holes. | Cambridge 1 1/2" 5030295 Cambridge 2" 5030390 Ford CF Series Jones J129 A.Y. McDonald 610F | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| METER FLANGE GASKET | 1/8" Rubber Drop-in 1 1/2" & 2" | Romac Ford | <input type="checkbox"/> <input type="checkbox"/> | |
| ANGLE BALL METER VALVES | (1") Bronze Angle Ball Meter Valves . 1" flared with swivel meter nut and lock wing | Ford BA23 A.Y. McDonald 74602B Mueller B24255 N | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| ANGLE BALL FLANGE METER VALVES | 1 1/2 & 2" with meter flange x FIP double drilled and lock wing | Ford BFA13 A.Y. McDonald 74604B Mueller B-24286 N | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| MORTAR, REPAIR | Two-Component, Low Shrinkage, Cementitious Mortar with High Compressive and Bonding Strength. | Sika Sika Top 122 Sika Sika Top 123 Sto CR 735 Sto CR 740 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

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| NOZZLE, WELD-ON | Weld-on Nozzle with Reinforcing Pad or Collar for Connection to CMC&L Steel Pipe. ASTM A-53B (1/4") Minimum Thickness Seamless Pipe, Mortar Lined and Coated with AWWA C207 Flange. Full Submittal Required. | | <input type="checkbox"/> | |
| PAINT, POLYESTER POWDER | TGIC Polyester Powder For Air Valve and Water Test Station Enclosures. | Tiger Dylac Series 49 Porter Paint J-Series Fuller O'Brien PF Series | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| PAINT, SILICONE ALKYD ENAMEL | One-Component, Minimum 46% Solids (by Volume), 30 % Silicone Content (by Volume), High Gloss, VOC Compliant Industrial Grade Paint. | Amteco SA-3 Silicone Poly Plus Carboline Carbocoat 30 Devoe Devshield 475 Dunn-Edwards 42-53 Pittsburgh Paints 97-480 Porter Paint Porter Guard 2200 Sherwin-Williams Steel Master 9500 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| PENETRATION SEALS, INTERLOCKING | Mechanical Link Type Interlocking Vault, Casing and Building Penetration Seals. | Advance Products & Systems Interlynx Link Seal | <input type="checkbox"/> <input type="checkbox"/> | |
| PIPE, COPPER TUBING | (1") Type K Soft Seamless Rolled Tubing, (2") Type K Soft Seamless Straight | Cerro Halstead Lee Mueller Phelps-Dodge | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| PIPE, DUCTILE IRON | For Water Lines (4") and Larger Manufactured per AWWA C111, C115, C150, and C151. | American Pipe Griffin Pacific States U.S. Pipe | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| PIPE, PVC C900 | For Water Lines (4") through (12") and (8") Gate Wells. Manufactured per AWWA C900, Class 200 Only. | Certainteed Diamond Plastics Extrusion Technologies IPEX Johns-Manville North American Pipe Pacific Western VinylTech | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF POTABLE WATER AND RECYCLED WATER FACILITIES

| ITEM | DESCRIPTION | MANUFACTURER | SELECT | COMMENTS |
|--|--|--|--|----------|
| PIPE, PVC C905 | For Water Lines (16") and (20") through (36"). Manufactured per AWWA C905, DR 25 or DR 18. | Certainteed Diamond Plastics Extrusion Technologies IPEX Johns-Manville North American Pipe Pacific Western Vinyltech | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| PIPE, STEEL, CEMENT-MORTAR LINED AND COATED (CML&C) | Steel Cylinder (CML&C), per AWWA M11. (1/4") Minimum Wall Thickness. Steel Pipes Used for Recycled Water Installation are to be Identified Per District Requirements. Full Submittal Required. | | <input type="checkbox"/> | |
| PLASTIC ENCASEMENT | 12-mil Thick Polyethylene Encasement Sleeve for Ductile Iron Pipe (DIP) per AWWA C105 and Recycled PVC, CMC/L, or DIP Non-Purple Water Pipe. Clear Sleeve for Potable Water, Purple Sleeve for Recycled Water. | | <input type="checkbox"/> | |
| PLASTIC WRAP | 8-mil Thick Polyethylene Encasement for Buried Fittings and Valves. Clear Sleeve for Potable Water, Purple Sleeve for Recycled Water. | Kempner 3M Company | <input type="checkbox"/> <input type="checkbox"/> | |
| PRIMER, WAX TAPE | Surface Primer for Underground Application of Petrolatum Wax Tape. | Carboline Denso Paste Trenton Tem-Coat | <input type="checkbox"/> <input type="checkbox"/> | |
| PROTECTOR POST, STEEL | (4") Diameter (0.250") Wall Galvanized A-120 Steel Pipe, Concrete Filled with (4") Galvanized Fence Post Cap. | | <input type="checkbox"/> | |
| REFERENCE ELECTRODE, COPPER SULFATE | High or Standard Potential Electrode with PVC Pipe Housing Pre-Packaged in a Permeable Cotton Cloth Bag Filled with a 50% Gypsum/50% Powered Bentonite Mixture. Electrode Shall have a Design Life of 15 Years with a Stability of +/- 5 Millivolts under a 3.0 Microampere Load. Provide Electrode with Integrally Attached #10 AWG HMW/PE Insulated Wire. Full Submittal Required. | | <input type="checkbox"/> | |
| ROCK, CRUSHED | Washed (3/8") and (3/4") Crushed Rock. (3/8") for Use in Meter Boxes Only. Full Submittal Required. | | <input type="checkbox"/> | |
| SEALANT | Chemical Grout for Joint Sealing. | 3M Scotch Seal | <input type="checkbox"/> | |
| SEISMIC COUPLING | Flexible Expansion Joints for Pipelines, Reservoirs and Pump Stations. Full Submittal Required. | EBAA Iron Flex-Tend Romac FlexiJoint Star Pipe Starflex 5000 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| SEISMIC SENSOR DEVICE | Seismic Sensors for Reservoirs and Pipelines. Full Submittal Required. | | <input type="checkbox"/> | |

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| ITEM | DESCRIPTION | MANUFACTURER | SELECT | COMMENTS |
|---|---|--|--|----------|
| SERVICE SADDLE FOR ACP AND CI PIPE | Cast Brass ASTM B62 Body with Silicone Bronze Double Straps, IP Outlet Sizes (1") and (2"). | Cambridge 810 Series Ford 202B Jones J-979 A.Y. McDonald 3826 Mueller BR2B Series Romac 202B Smith-Blair 323 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| SERVICE SADDLE FOR PVC C900 PIPE | Bronze or Brass Saddle with Stainless Steel Four Bolt Strap(s), IP Thread Outlet for Saddle Sizes (1") and (2") Installed on Pipe Sizes (4") through (12"). | Cambridge 812 Series Ford 202BS Jones J-969 A.Y. McDonald 3846 Mueller BR2S Series Romac 202BS Smith-Blair 393 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| SERVICE SADDLE FOR PVC C905 PIPE | Bronze or Brass Saddle with Stainless Steel Four Bolt Strap(s), IPT Thread Outlet for Sizes (1") and (2") Installed on Pipe Sizes (16") and Larger (Romac Saddle Requires Nylon Bushing). | Ford 202BS Jones J-969 Romac 202N | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| TAG, BRASS IDENTIFICATION | (1") Diameter, 18 Gauge Brass with 4.76mm (3/16") Die-Stamped Letters and Numbers, Suitable for Attachment to Cathodic Protection Wires using a Nylon Zip Tie. | | <input type="checkbox"/> | |
| TAPE, OUTER WRAP | Adhesive Plastic Outer Wrap for Wax Petrolatum Tape in Underground Applications. | Polyken 960 Trenton Polyply | <input type="checkbox"/> <input type="checkbox"/> | |
| TAPE, UTILITY | 10 to 50 Mil x 50mm (2") Wide General Utility Tape for Corrosion Protection of Aboveground and Underground Pipes and Fittings. | 3M Scotchwrap 50 3M Scotchwrap 51 Calpico Christy Northtown Polyken 900 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| TAPE, WARNING/ IDENTIFICATION | (6") wide, Warning/Identification (Non-Metallic) Marking Tape for Buried Facilities. | Calpico Type 1 Christy Type 1 Line-Tec Type B Terra Tape Standard 250 Thor Elast Tec Northtown | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF POTABLE WATER AND RECYCLED WATER FACILITIES

| ITEM | DESCRIPTION | MANUFACTURER | SELECT | COMMENTS |
|--|---|---|--|----------|
| TAPE, WARNING/ IDENTIFICATION FOR RECYCLED IRRIGATION | (3") wide, Warning/Identification (Non-Metallic) Marking Tape for Buried Irrigation Pipelines, Purple Color with continuous warning "CAUTION RECLAIMED WATER MAIN BURIED BELOW." | Calpico Type 1 . Christy Type 1 Line-Tec Type B Terra Tape Standard 250 Thor Elast Tec Northtown | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| TAPE, WAX ABOVEGROUND | Petrolatum-Saturated Synthetic Fabric Tape for use on Aboveground Couplings, Flanges, Fittings, etc. | Trenton #2 Wax-Tape | <input type="checkbox"/> | |
| TAPE, WAX UNDERGROUND | Petrolatum-Saturated Synthetic Fabric Tape for use on Underground Couplings, Flanges, Fittings, etc. Primer and Outer Wrap Required. | Carboline Densyl Tape Trenton #1 Wax-Tape | <input type="checkbox"/> <input type="checkbox"/> | |
| TAPPING SLEEVE FOR AC, CI, DI, AND PVC PIPE | Fabricated Steel Tapping Sleeve for (4") Through (12") Wet Taps. Epoxy Coated with Stainless Steel Bolts and Nuts. | APAC 502 APAC 512 Baker 428 Series Clow F-5205 Clow F-5207 Dresser 610 Ford FTSC JCM 412 Mueller 615 Mueller 619 Powerseal 3460 Romac FTS-420 Smith-Blair 622 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE STEM EXTENSION, FIBERGLASS | Three-Part Fiberglass Valve Extension Kit. Use for Extensions (8') Long or Shorter. | Pipeline Products FPU-210 Pipeline Products FPT-200 Pipeline Products FPL-220 Christy's | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE STEM EXTENSION, STEEL | Round or Square (1-1/2") Diameter Steel Rod, Welded Construction, Hot Dipped Galvanized with Top Centering Ring and AWWA (2") Operating Nuts Top and Bottom. Use for Extensions Longer Than (8'). | Pipeline Products SX-900 South Bay Foundry E4160 Christy's | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, BALL, 1.03 MPa (150 PSI) | (4") and Larger, Rubber Seated, AWWA C507. Thermosetting or Fusion Bonded Epoxy Coated. Full Submittal Required. | Pratt | <input type="checkbox"/> | |
| VALVE, DOUBLE DISK GATE | Valve Double Disk Gate. | Mueller Kennedy Clow American | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

APPROVED MATERIALS LIST
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| ITEM | DESCRIPTION | MANUFACTURER | SELECT | COMMENTS |
|---|--|--|--|----------|
| VALVE, BUTTERFLY 1.03 MPa (150 PSI) | (16") and Larger, AWWA C504, Class 150B with Ductile-Iron Body. Thermosetting or Fusion Bonded Epoxy Coated and Lined. Class D or E Flange x Flange Ends. Full Submittal Required. | Dezurik AWWA M & H 1450 M & H 4500 Mueller Lineseal III Pratt Groundhog Val-Matic Series 2000 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, BUTTERFLY 1.72 MPa (250 PSI) | (16") and Larger, AWWA C504, Class 250B with Ductile-Iron Body. Thermosetting or Fusion Bonded Epoxy Coated and Lined. Class F Flange x Flange Ends. Full Submittal Required. | Dezurik BAW 250 M & H 1450 M & H 4500 Mueller Lineseal XP 250 Val-Matic Series 2000 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, BUTTERFLY 1.03 MPa (150 PSI) | (4") through (12"), AWWA C504, Class 150B with Ductile-Iron Body. Thermosetting or Fusion Bonded Epoxy Coated and Lined. Class D or E Flange x Flange Ends. Full Submittal Required. | Dezurik AWWA Keystone 504 M & H 4500 Mueller Lineseal III Val-Matic Series 2000 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, BUTTERFLY 1.72 MPa (250 PSI) | (4") through (12"), AWWA C504, Class 250B with Ductile-Iron Body. Thermosetting or Fusion Bonded Epoxy Coated and Lined. Class F Flange x Flange Ends. Full Submittal Required. | Dezurik AWWA Keystone 507 M & H 1450 M & H 4500 Mueller Lineseal XP 250 Val-Matic Series 2000 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, BUTTERFLY, WAFER 1.03 MPa (150 PSI) | (16") and Larger, Thermosetting or Fusion Bonded Epoxy Coated and Lined. District Approval and Full Submittal Required. | Pratt MKII | <input type="checkbox"/> | |
| VALVE, CHECK | 1.03 & 2.07 MPa (150 & 300 PSI), Slanting Disc Check Valve (4") and Larger. Full Submittal Required. | APCO Series 800 Crispin TD Series Val-Matic Series 9000 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, COMBINATION AIR RELEASE AND AIR/VACUUM, 50mm (2") | Single Body Style Combination Air Release and Air/Vacuum Valve. Stainless Steel Internal Parts, BUNA-N seats per AWWA C512, and Epoxy Coated Interior per AWWA C550. N.P.T. Threaded Inlet and Outlet. Suction Screen Required, 2.04 Mpa (300 PSI) Rated Body and Internals. Full Submittal Required. | APCO 145C Cla-Val 33A Crispin UL20 Val-Matic 202C.2 Vent-O-Mat RBX Series | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF POTABLE WATER AND RECYCLED WATER FACILITIES

| ITEM | DESCRIPTION | MANUFACTURER | SELECT | COMMENTS |
|---|--|---|--|----------|
| VALVE, AIR RELEASE, 1.03 MPa (150 PSI) | Pressure Air Release Valve, Cast-Iron Body with Stainless Steel Internal Parts. Suction Screens Required. (1") through (3") NPT, (4") Flanged. Full Submittal Required. | APCO 50 APCO 200 APCO 200A Crispin PL10 Crispin PL20 Crispin PL30 Crispin PL41 Val-Matic #45 Val-Matic #88 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, AIR RELEASE, 2.05 MPa (300 PSI) | Pressure Air Release Valve, Cast-Iron Body with Stainless Steel Internal Parts. Suction Screens Required (1") through (3") NPT, (4") Flanged. Full Submittal Required. | APCO 50 APCO 200 APCO 200A Crispin PL10H Crispin PL20H Crispin PL30H Crispin PL42H Val-Matic #45 Val-Matic #88 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, BALL, 1.03 MPa (150 PSI) | (1/4") through (2"), FIP Threads with Handle. | Apollo 70-100 Series Milwaukee BA-1005 Nibco 560 Series Stockham S-214 Watts WBV-3 Watts WEBS-3 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, COMBINATION AIR RELEASE AND AIR/VACUUM, 100mm (4") AND LARGER | Single-Body Style Combination Air Release and Air/Vacuum Valve. Stainless Steel Internal Parts, BUNA-N seats per AWWA C512, with Protection Hood, Suction Screen Required, and Epoxy Coated Interior per AWWA C550. Flanged 125# or 250# Inlet. 2.04 MPa (300 PSI) Rated Body and Internals. Full Submittal Required. | APCO 150 Series Cla-Val Series 35 Crispin UL Series (for 100 mm (4") size) Crispin C Series (for 150mm (6") and larger) Val-Matic 200 Series Vent-O-Mat RBX Series | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF POTABLE WATER AND RECYCLED WATER FACILITIES

| ITEM | DESCRIPTION | MANUFACTURER | SELECT | COMMENTS |
|---|---|---|--|----------|
| VALVE, GATE, RESILIENT WEDGE (RWGV) | (4") Through 300mm (12"), Non-Rising Low Zinc Bronze or Stainless Steel Stem, Ductile-Iron Body and Bonnet, Stainless Steel Trim Bolts, Encapsulated Wedge per AWWA C509 or C515 with Epoxy Coated Interior. Manufactured to AWWA C509 or C515, with 1.72 MPa (250 PSI) Rating. | American FC, Series 2500 American R/D AVK 45 Clow 2639 F6100 Series Kennedy Ken-Seal II, KRSR Mueller 2361 M&H 4067 M&H 7067 U.S. Pipe Metroseal U.S. Pipe Metroseal 250 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, GATE, RESILIENT WEDGE, 400mm (16") AND LARGER | (16") Through (24"), per AWWA C509, Ductile Iron Body, Stainless Steel Trim Bolts, Encapsulated Wedge, Non-Rising Stem, Epoxy Coated Interior per AWWA C550, Minimum 1.36 MPa (200 PSI) Rating. District Approval and Full Submittal Required. | Clow F-6100 Series Kennedy Ken-Seal II M&H 4067 Mueller A-2361 U.S. Pipe Metroseal 250 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, GATE, RESILIENT WEDGE (RWGV) | 2" Non-rising Stem, FIP x FIP, Cast Iron Epoxy coated, CL 200 w/ 2" Op Nut | Clow American FC | <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, PRESSURE REDUCING | For Water Main Pressure Reducing, (4") through (16"). Full Submittal Required. | Ames 910/610 Series Cla-Val 90G-01 Watts ACV 115E Series | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, PRESSURE REGULATING 1.03 MPa to 1.72 MPa (150 TO 249 PSI) | 19mm (3/4") through 50mm (2"). | Watts 223, 25AUB | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, PRESSURE REGULATING 1.72 MPa to | 19mm (3/4") through 50mm (2"). | Watts N35B Series | <input type="checkbox"/> <input type="checkbox"/> | |
| VALVE, PRESSURE RELIEF AND SUSTAINING | For Water Main Pressure Reducing and Sustaining, (4") through (16"). Full Submittal Required. | Ames 920/620 Series Cla-Val 50-01 Cla-Val 650-01 Watts ACV 116E Series | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VAULT ACCESS DOOR, ALUMINUM | Aluminum Vault Access Door, Dual Door Configuration, Spring Loaded and Counter Balanced, with Inset for Padlock. H-10 Parkway or H-20 Street Loading Required. Full Submittal Required. | Bilco Type JD-AL USF Fabrication THS, THD | <input type="checkbox"/> <input type="checkbox"/> | |
| VAULT EXHAUST FAN | Electric, 110 Volt, Single Phase, Squirrel Cage Type, Suitable for Wet Locations. Size for 6 Volume Changes per Hour. Full Submittal Required. | | <input type="checkbox"/> | |
| VENT VAULT | 6 inch PVC Schedule 40 pipe with Schedule 40 socket weld fitting. 304 stainless steel insect screen. | Certainteed Johns-Mansville Pacific Western | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF POTABLE WATER AND RECYCLED WATER FACILITIES

| ITEM | DESCRIPTION | MANUFACTURER | SELECT | COMMENTS |
|--|---|---|--|----------|
| VAULT GROUND FAULT RECEPTACLE | 125 Volt, 20 AMP, Duplex, with Gasketed, Self-Closing Aluminum Cover. Full Submittal Required. | | <input type="checkbox"/> | |
| VAULT LADDER EXTENSION | Vault Ladder Extension, Retractable, 1,200mm (48") Extension. Full Submittal Required. | Bilco Ladder-Up Pipeline Products VL-100 | <input type="checkbox"/> <input type="checkbox"/> | |
| VAULT LADDER, ALUMINUM | High Strength 6061-T6 Aluminum Alloy (1") Diameter Solid Rungs and (18") Between Side Rails. Ladder to Exceed Requirements of CAL/OSHA Standards. | Alaco Model 560 | <input type="checkbox"/> | |
| VAULT LADDER, FIBERGLASS | Fiberglass Reinforced Plastic, (1") Solid Square Rungs with Grit Safety Surface, Ultraviolet Inhibitors. 42 KPa (30,000 PSI) Tensile Strength with a 3 to 1 Safety Factor per OSHA Requirements. Full Submittal Required. | | <input type="checkbox"/> | |
| VAULT LIGHT SWITCH | 120 Volt, 20 AMP, Single Pole, Spring Loaded with Clear Waterproof Cover. Full Submittal Required. | | <input type="checkbox"/> | |
| VAULT LIGHTS | Non-Metallic Incandescent Vaportite, 120 Volt, 6.0 AMP, Wall or Ceiling Mounted, with 100 Watt Bulb with Cage and Glass Protector for Bulb. Suitable for Wet Locations. Two Light Fixtures Per Vault. Full Submittal Required. | | <input type="checkbox"/> | |
| VAULT LOAD CENTER | 100 AMP, Double Pole, 1 Phase, 3 Wire, Solid Neutral 120/240 VAC with Plug-In GFI Breaker. Full Submittal Required. | | <input type="checkbox"/> | |
| VAULT SUMP PUMP | Automatic Submersible, Minimum 1/2 HP, 115 Volt, 60 Hz, 1 Phase, Ball Bearing Motor with Thermal Overload Protection. Either bronze or Epoxy Coated Cast Iron Body. Full Submittal Required. | | <input type="checkbox"/> | |
| METER VAULT, 3' THRU 10" METERS | 3' x 6' Sections - 24" high Lid-Bilco full opening Aluminum w/hinged meter reading lid, H-10 loading | Quickset 7100 Utility Carson/Brooks | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| VAULT, PRECAST CONCRETE | For Pressure Reducing Stations, Reservoir Altitude Valves, etc. Various Sizes. Precast Base, Sections and Top with Aluminum Two Leaf Access Door. See Section 03462. Full Submittal Required. | Brooks J & R San Diego Precast Utility Vault | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| WATER TEST STAION ENCLOSURE | Aluminum Housing | Pipeline Products WTS858 Koraleen | <input type="checkbox"/> <input type="checkbox"/> | |
| WIRE, TRACER | #10 AWG Solid Copper UF Type Wire, with Cross Linked Polyethylene Insulation. White | Cosberg Industries Paige Baron | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| WIRE, TRACER CONNECTOR | Direct Bury Silicone-Filled Capsule Tube with Standard Wire Nut or Silicone-Filled Wire Nut Connectors for Tracer Wire Connections. | 3M DBR-6 King 4 King 5 King 6 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |