

**OLIVENHAIN MUNICIPAL WATER DISTRICT**  
**APPROVED MATERIALS LIST FOR POTABLE WATER,**  
**RECYCLED WATER AND SEWER FACILITIES**

*\*All Material Being Used Shall Conform w/OMWD's Standard Specifications*

Project \_\_\_\_\_

**PLEASE INDICATE WHICH PRODUCT YOU ARE USING BY PLACING AN "X" ON THE  
 APPROPRIATE LINE TO THE RIGHT OF EACH MANUFACTURER**

<b>Item</b>	<b>Description</b>	<b>Std Spec Section</b>	<b>Manufacturer</b>
<b>AIR/VACUUM VALVE ENCLOSURE</b> <i>*must be accompanied by a shop drawing</i>	2 Piece Assembly with Bolt Down Base and Removable Cover, Polyethylene Material, Sandstone Color with Identification Band, OSHA Blue for WATER, OSHA Purple for Recycled Water 1424 for 1" 1830 for 2" 2436 for 3"	15092	VCAS-1424-SM w/tape & screen _____ VCAS-1830-SM w/tape & screen _____ VCAS-2436-SM w/tape & screen _____ <input type="checkbox"/> RCW <input type="checkbox"/> Potable
<b>ANGLE METER STOP, QUICK JOINT X METER NUT</b>	1" Bronze Angle Meter Stop (Ball Valve) with 90 Degree Lockwing, Inlet Quick Joint for Copper Water Tube x Meter Swivel Nut Outlet	15081	Ford BA43-444W-Q-NL _____ Jones - J1963WSG _____ McDonald 74602BQ _____ Mueller - B24258 _____
<b>ANGLE METER STOP, QUICK JOINT X METER FLANGE</b>	1-1/2", 2" Bronze Angle Meter Stop (Ball Valve) with 90 Degree Lockwing, Inlet Quick Joint for Copper Water Tube x Meter Flange Outlet	15081	Ford BFA43-777W-Q-NL _____ Jones - J1975WSG _____ McDonald 74602BQ _____ Mueller - B24276 _____
<b>ANGLE VALVE</b>	Bronze Angle Valve, 2" and Smaller 300 PSI Rated, Female Threaded Ends	15080	Nibco T-375-B _____ Jones J-380 _____
<b>ANGLE VALVE HYDRANT HEAD</b>	Bronze, Angle Design, 300 PSI Rated, 4" Inlet Female IPT, 2-1/2" Outlet National Standard Hose Thread, Cap and Chain	15080	Jones J-344HP _____
<b>ANODE, MAGNESIUM</b> <i>*must be accompanied by a shop drawing</i>	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. Provide Ingot Weight as Specified on the Approved Plans	13110	Corpro _____ Corrosion Control Products _____ Farwest _____ Calpico _____
<b>ANODE, ZINC</b>	Each Zinc Anode shall be Prepackaged in a Permeable Cloth Bag and shall Weigh 30 Pounds	13110	Corpro _____ Corrosion Control Products _____ Farwest _____ Calpico _____

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<b>BACKFLOW PREVENTER</b> <i>*must be accompanied by a shop drawing</i>	Reduced Pressure Principal Type Assemblies as Approved by the State of California, Department of Health Services	15112	List of Approved Backflow Prevention Assemblies	___ ___
<b>BOLTS AND NUTS 316 SS</b>	Hex-Head Machine, ASTM A193, Grade B8M Bolts and ASTM A194, Grade 8M Nuts	15050	Tripac Fasteners Pacific Coast Bolt ITP, Inc.	___ ___ ___
<b>BOLTS AND NUTS, A307</b>	Hex-Head Machine, Cadmium/Zinc Plated, ASTM A307, Grade B Bolts and A307 2H Heavy Hex Nuts	15050	Tripac Fasteners Pacific Coast Bolt ITP, Inc.	___ ___ ___
<b>BURY ELBOW, DUCTILE IRON</b>	16" DI Long Radius Bury El, MJ or PO Holiday Free Epoxy Lined Bells	15109	Clow Star Sigma South Bay Foundry	___ ___ ___ ___
<b>CASING END SEAL</b> <i>*must be accompanied by a shop drawing</i>	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	___ ___ ___ ___ ___ ___
<b>CASING SPACER</b> <i>*must be accompanied by a shop drawing</i>	Stainless Steel Casing Spacer, Center Restrained, Position Type with PVC Liner and Non-metallic Anti-friction Runners		Advance Products & Systems Cascade Calpico Pipeline Seal & Insulator (PSI) Powerseal Raychem	___ ___ ___ ___ ___ ___
<b>CATHODIC TEST STATION BOX</b>	54 Lbs Concrete Body with 12 Lb Ductile Iron Lid and Lid Ring. "CP TEST" Shall Be Cast into the Lid in 1" Letters. For Cathodic Protection Test Stations, Anode Ground Beds and Insulated Flange Test Stations	13110	Brooks 1-RT Farwest Type 1-RT J&R 3RT	___ ___ ___
<b>CATHODIC WELDING</b>	For Welding Cathodic Bond Wires to Steel Pipelines	13110	Cadweld	___

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<b>COATING, INTERNAL PIPE</b>	For Coating the Internal Pipe Lining for an Insulated Flange Kit	13110	Aquatapoxy CCI Hydro-Pox	____ ____
<b>CONNECTOR, TRACER WIRE SPLICING KIT</b>	All Brass Split Bolt to be Accompanied and Encased with Rubberized Tape, and then Electrical Tape	15292 15293		
<b>CORPORATION STOP, MIPT X QUICK JOINT</b>	Bronze Ball Valve, Male Iron Pipe Thread x Quick Joint (T-Head only), 1", 1-1/2" and 2" Full Opening	15080	Ford FB1100-x-Q-NL MCD 74704BQ Mueller - B25028 Jones - J1935 SG	____ ____ ____ ____
<b>COUPLING, C900 PVC, HIGH DEFLECTION</b>	4" through 12" Solid PVC for Obtaining Deflection Only. Provides 4 Degree Maximum Deflection	15292	CertainTeed	____
<b>COUPLING, C900 PVC, CLOSURE / REPAIR</b>	4" through 12" Solid PVC for Closure or Repair	15292	CertainTeed	____
<b>COUPLING, MECHANICAL CLAMP-TYPE</b> <i>*must be accompanied by a shop drawing</i>	Use for Above Ground DI or Steel Pipe 4" or Larger	15061 15240 15251	Grinnell #7001 Tyler 500 Victaulic #44, #77	____ ____ ____
<b>COUPLING, STRAIGHT FLEXIBLE</b> <i>*must be accompanied by a shop drawing</i>	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	15122	APAC 301 Ford FC1 Powerseal 3501 Romac 501 Smith-Blair 411	____ ____ ____ ____ ____
<b>COUPLING, TRANSITION FLEXIBLE</b> <i>*must be accompanied by a shop drawing</i>	4" and Larger, Steel or Ductile Iron Construction, Holiday Free Epoxy Coated with 304 or 316 SS Bolts and Nuts. For use on AC, PVC, DI, or Steel Pipe	15122	APAC 311, 313 Ford FC2A Powerseal 3501, 3506 Romac XR501 Smith-Blair 413	____ ____ ____ ____ ____
<b>DISMANTLING JOINT</b> <i>*must be accompanied by a shop drawing</i>	Telescoping, Adjustable, Double Flanged Fitting, with High Tensile Strength Zinc Plated Tie Bars. NSF-61 Epoxy or Nylon Interior and Exterior Coating		Romac Flexijoint Star - StarFlex	____ ____

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<b>FIRE HYDRANT, BREAK-OFF RISERS</b>	Ductile Iron Pipe Spool with Threaded Flanges, 12" or 18" Long with Machined V-Groove 4" from One End, Groove to be 1/8" to 3/16" Deep and 1/4" Wide	15109	South Bay Foundry	___
		15090	Clow	___
			Sigma	___
			Star	___
<b>FIRE HYDRANT 150 PSI</b>	6" Standard 150 PSI Wet Barrel, Bronze Fire Hydrant, with Six-hole Bolt Pattern.	15109	Clow 2060, 2065 Jones J3765, J3775 American AVK 2464X, 2468X	___ ___ ___
<b>FIRE HYDRANT 200 PSI</b>	6" High Pressure 200 PSI Wet Barrel, Bronze Fire Hydrant, with Six-hole Bolt Pattern	15109	Clow 2060, 2065 Jones J3765, J3775 American AVK 2464X, 2468X	___ ___ ___
<b>FITTING, DUCTILE IRON</b>	Flanged, Mechanical Joint or Push On, Tees, Bends, Crosses, Reducers, Adapters, etc. For 4" and larger, Per AWWA C110, C111, C153 and OMWD Standards. Holiday Free Epoxy Lined Bells	15240	Bachman	___
		15292	Sigma	___
		15293	Star	___
			Tyler US Pipe	___ ___
<b>FLANGE COUPLING ADAPTER</b>	6" and Larger, Mechanical x Flange. Steel or Ductile Iron without Anchor Pins, Holiday Free Epoxy Coated, 304 SS Bolts and Nuts.	15122	Dresser 127, 128 Ford FFCA Style Baker 601, 602 Powerseal 3521, 3526 Romac FCA501, FC400 Smith-Blair 912, 913	___ ___ ___ ___ ___ ___
<b>GASKET, PAPER</b>	1/8" Thick Full Face or Ring, Aramid Fiber Bound with Nitrile. No Asbestos Content	15050	Garlock Bluegard Klinger C4400 Tripac 5000 Calpico	___ ___ ___ ___
<b>GASKET, RUBBER</b>	1/8" Thick, Cloth Inserted Rubber, Full Face or Ring	15050	Garlock Style 19 Tripac 2000 Calpico	___ ___ ___
<b>GREASE</b>	For Bolt Corrosion Protection on Buried Bolts, NO- OX-ID Type	15050	Sanchem NO-OX-ID Dearborn Chemical	___ ___
<b>GROUT</b>	Nonshrink Cement Based Construction Grout for Crack Repair, Flooring Mortar, Dowel Grouting, Crack Sealing and General Binding	03000	UPCON High Flow Master Flow 713	___ ___

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<b>INSULATING BLANKET</b> <i>*must be accompanied by a shop drawing</i>	Insulating Blanket for Corrosion Interference Mitigation	13110	
<b>INSULATING COUPLINGS</b> <i>*must be accompanied by a shop drawing</i>	Insulating Couplings for Corrosion Protection of Pipelines/Appurtenances	15080	
<b>INSULATING FLANGE KIT</b>	Insulating Flange Kits for Corrosion Protection of Pipelines/Appurtenances	13110	Advance Product Systems _____ Calpico _____ Corrpro _____ Farwest _____
<b>JOINT RESTRAINT ASSEMBLY</b>	360 Degree Wedge Type Restraint System for Ductile Iron and C900 PVC, Sizes 6" Through 24"	15240 15292	Ford Uniflange 1300 Series _____ Ford Uniflange 1500 Series _____ EBAA Iron _____ Sigma PV-LOK _____ Romac DI - Roma Grip _____ Romac 600 Series _____ <input type="checkbox"/> Ductile Iron Pipe <input type="checkbox"/> PVC
<b>MARKING TAPE</b>	6" wide, Warning/Identification (Metallic) Marking Tape for Buried Facilities	15061 15240 15292 15293	Linetec _____ Terra Tape _____ Calpico _____ Christy _____
<b>METER BOX</b>	17"x28" Precast Meter Box and 2 Piece Polymer Concrete Cover with Reading Lid for 1" Water Service, Use Purple Covers for Recycled Water	15081 15090 15091	J&R Concrete Products, Inc . W5-1/2 _____ Armor Cast - A6001420D _____ Old Castle - 1324 _____
<b>METER BOX</b>	24"x36" Precast Meter Box and 2 Piece Polymer Concrete Cover with Reading Lid for 1-1/2" Water Service, and 2" Water Service, Use Purple Covers for Recycled Water	15081	J&R Concrete Products, Inc . W7 _____ Armor Cast - A6001975D _____ Old Castle - 2436 _____
<b>OUTLET, WELD-ON</b> <i>*must be accompanied by a shop drawing</i>	Weld-on Outlet with Reinforcing Collar or Wrapper for Connection to CML&C Steel Pipe	15080	Pipeline Products _____

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<b>PIPE, COPPER WATER TUBE</b>	Type K Soft Seamless Rolled Tubing, Type K Soft Seamless Straight Lengths, Type K Hard Seamless Straight Lengths	15220	Cerro _____ Mueller _____ Cambridge-Lee _____
<b>PIPE, DUCTILE IRON</b> <i>*must be accompanied by a shop drawing</i>	For Water Lines 4" and Larger Manufactured per AWWA C151	15240	American Pipe _____ Griffin _____ Pacific States _____ U.S. Pipe _____
<b>PIPE, PVC C900</b>	For Water Lines 4" through 12" Manufactured per AWWA C900 in Class 150 and 200	15292	Diamond Plastics _____ VinylTech _____ North American Pipe _____ JM Eagle _____
<b>PIPE, PVC C905</b>	For Water Lines 14" through 24" Manufactured per AWWA C905	15293	Diamond Plastics _____ VinylTech _____ North American Pipe _____ JM Eagle _____
<b>PLASTIC POLYETHYLENE ENCASEMENT</b>	8-mil Thick Polyethylene Encasement Tube for Ductile Iron Pipe, CML&C, and Recycled PVC That is not Already Purple	09954	
<b>PLASTIC WRAPPER</b>	Clear Plastic Wrapper over Wax Tape Coating and Primer in Underground Applications	09952	Denso Tape PVC Self-Adhesive _____ Trenton Poly-Ply _____
<b>POLYETHYLENE WRAP</b>	8-mil Thick Polyethylene Encasement Sheet for Buried Fittings and Valves. Purple Color for Recycled Water	09954	
<b>SERVICE SADDLE FOR ACP, DIP, AND PVC PRESSURE PIPE</b>	Cast Bronze Body with Stainless Steel Double Band Straps or Single Wide Strap with 4 Bolts, IP Outlet Sizes 1", 1-1/2", and 2"	15080	Ford - 202BS _____ Romac - 202BS _____ Jones - J-969 _____ McDonald - 3846 _____ <input type="checkbox"/> AC <input type="checkbox"/> DIP <input type="checkbox"/> PVC
<b>TAPE, PLASTIC ADHESIVE</b>	10 to 50 Mil x 2" Wide General Utility Tape for Corrosion Protection of Above and Below Ground Pipes and Fittings	09954 09952	Calpico Vinyl Tape _____ Christy _____ Northtown _____ Polyken - 900 _____ Scotchwrap - 50 _____

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<b>TAPPING SLEEVE FOR ACP, DI, AND PVC PIPE</b>	Fabricated Stainless Steel Tapping Sleeve with Stainless Steel Bolts and Nuts		Ford - FTSS _____ PowerSeal - 3460AS _____ Romac - SSTIII _____ Smith Blair - 665 _____
<b>THREDOLET</b>	Forged Steel Fitting ASTM A105. 3000#, NPT Threads		Bonney Forge _____ Allied Piping Products _____ Pipeline Products _____
<b>TRACER WIRE</b>	AWG No. 8 Stranded Copper Wire with High Molecular Weight Polyethylene (HMW/PE) Insulation Specifically Designed for Direct Burial in Corrosive Soil or Water	15292 15293	Calpico - HMW/PE #8 _____ Farwest - HMW/PE #8 _____ KALAS - w-08hmwpe-str _____
<b>VALVE BOX AND COVERS, MANUAL AIR RELEASE AND BLOW-OFF ASSEMBLIES</b> <i>*must be accompanied by a shop drawing</i>	Cast Iron Frame and Lid and 12" Pipe Sleeve. Cast on the Lid the Words "OMWD", and "WATER" or "RW" (For Street Use Only)	15092	South Bay Foundry - SBF 1243 _____
<b>VALVE BOX AND COVERS, GATE VALVE</b>	Cast Iron Frame and Cover and Extension Pipe. Cast on the Cover the Words "OMWD", and "WATER" or "RW"	15101	South Bay Foundry - SBF 1208-N _____
<b>VALVE, COMBINATION AIR RELEASE &amp; AIR/VACUUM, 3" AND SMALLER</b>	Single Chamber, HDPE Control Floats, Stainless Steel Body, 1/4" NPT Test/Bleed Cock	15108	Vent-O-Mat DN25 RBX 2521 _____ Vent-O-Mat DN50 RBX 4021 _____ Vent-O-Mat DN80 RBX 1631 _____ Vent-O-Mat DN100 RBX 2531 _____
<b>VALVE, GATE, RESILIENT SEATED</b> <i>*must be accompanied by a shop drawing</i>	3"- 24" Resilient Seated, Non-Rising Stem, Counter-Clockwise Opening, Type 304 or 316 SS Body Bolts, 250 PSI Working Pressure, Holiday Free Interior Lining	15101	AVK or Approved Equal _____
<b>Wax Tape Coating</b>	3 Part, Cold Applied Wax Tape Coating System for Buried Piping Components	09952	Denso Densyl Tape _____ Trenton No.1 Wax Tape _____

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