



**OLYMPIC VIEW WATER AND SEWER DISTRICT APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF WATER AND SEWER FACILITIES**

This form is intended for use by developers or contractors constructing potable water or wastewater/sewer facilities within the OVWSD service area. 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 herein. Please contact the District if part numbers or models indicated within the Approved Materials Checklist are no longer available. 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. District personnel will review this form and the Approved Materials Checklist and will attach review comments separately or in the space reserved below.

(Space below is reserved for District review and comments)

**OVWSD APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF WATER AND SEWER FACILITIES**

	Project Name	Short Plat or DE #
DEVELOPER INFORMATION	CONTRACTOR INFORMATION	SUPPLIER INFORMATION
_____ Name of Developer (Company)	_____ Name of Contractor (Company)	_____ Name of Supplier (Company)
	_____ Classification and License Number of Contractor	
_____ Contact Person	_____ Contact Person	_____ Contact Person
_____ Mailing Address	_____ Mailing Address	_____ Mailing Address
_____ City, State, Zip	_____ City, State, Zip	_____ City, State, Zip
_____ Telephone	_____ Telephone	_____ Telephone
_____ FAX	_____ FAX	_____ FAX
_____ E-Mail Address	_____ E-Mail Address	_____ E-Mail Address

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. All materials supplied to the job site shall conform in all ways to the requirements of the Standard Specifications.

Signature of Developer or Contractor Representative	Date
Printed Name of Developer or Contractor Representative	Telephone
	E-Mail Address

WATER FACILITIES

Item	Description	Manufacturer	Selection	Comments
Corporation Stops 1" – 2"	No lead brass ball style, IP inlet threads, and compression coupling outlet for copper tubing meet AWWA C800	<ul style="list-style-type: none"> • Ford FB1100 • Mueller 300 B-25028N • AYM 74074BQ Series 		
Water Main	Cement lined ductile iron pipe with asphaltic coating, Class 52			
Water Service Saddle 1" – 2" for DI Pipe	Meet AWWA C 800 ductile iron epoxy coated body with 304 stainless steel double straps and IP outlet thread	<ul style="list-style-type: none"> • Ford FC202 • Mueller DR 2 S Series • Romac • AYM AYM 4856A Series 		
Water Meter Setter 3/4" x 5/8" – 1" Meters	No lead brass and copper components, compression coupling horizontal or vertical inlet x 15" horizontal leg with multi/dual purpose horizontal outlet, angle style ball valve meter stop with lockable padlock wings, meter outlet to have meter swivel nut with a minimum one way check valve, 12" or 15" Height 1" Inlet x Appropriately Sized Curbstop	<ul style="list-style-type: none"> • Ford Series 90 • Mueller B Series • AYM 739 Series 		
Water Meter Setter 1.5" – 2" Meters	No lead brass and copper components, 2" FIP X compression coupling horizontal or vertical inlet x 2" FIP X compression horizontal outlet, angle style flanged ball valve meter stop with lockable padlock wings and elongated bolt holes, meter outlet to be flanged and a minimum one-way check valve, 12" height with lockable bypass valve. Setter shall have 2" inlet x appropriately sized curbstop for either a 1.5" or 2" meter.	<ul style="list-style-type: none"> • Ford Series 70 • Mueller B Series • AYM 720B Series 		
Water Service Line 1" & 2"	ASTM B 88 Type "K" Seamless Annealed Soft Copper			
Fire Hydrants	Meet AWWA C502 UL 246 dry barrel design 1-1/2" pentagon operating nut counterclockwise direction of open, 2 – 2 1/2" hose nozzles 1 – 4" steamer nozzle with Storz connection 5 1/4" valve opening. Must have a breakaway flange. Inlet connection to be approved by District.	<ul style="list-style-type: none"> • Mueller Super Centurion 250 • Clow Medallion • AFC Waterous Pacer • Kennedy K81D 		
Paint for Hydrants, Guard Posts and Valve Markers	Two coats of oil based gloss enamel paint in Caterpillar yellow.	<ul style="list-style-type: none"> • Kelly Moore Luxlite 		

Item	Description	Manufacturer	Selection	Comments
Gate Valves	Reduced wall ductile iron valve that conforms to AWWA C515. NSF approved. Open counterclockwise with 2" operating nut. Non-rising stem and O-ring stuffing box. Epoxy coated inside and out. All fasteners shall be stainless steel. Stem o-rings shall be replaceable with the valve fully open at rated working pressure	<ul style="list-style-type: none"> • Mueller A-2361 • Kennedy KSRW-7000 Series • Clow 2638 Series F-6100 • AFC – Series 2500 		
Restrained Gate Valves	Reduced wall ductile iron valve that conforms to AWWA C515. NSF approved. Open counterclockwise with 2" operating nut. Non-rising stem and O-ring stuffing box. Epoxy coated inside and out. All fasteners shall be stainless steel. Stem o-rings shall be replaceable with the valve fully open at rated working pressure. Valve inlets shall be restrained mechanically with the restraint designed as part of the valve	<ul style="list-style-type: none"> • AFC – 2500 with Alpha Ends 		
Restrained Joints		<ul style="list-style-type: none"> • Romac – RomaGrip • EBAA Iron – Megalug • Star Pipe Products 		
Restraint Coupling	Restraint to be built in with a one or two-bolt design	<ul style="list-style-type: none"> • Romac / Alpha 		
Vacuum/Air Release Valves	ANSI / AWWA C512	<ul style="list-style-type: none"> • ARI 		
Water Meters	With encoded register and wire pigtail	<ul style="list-style-type: none"> • Badger • Sensus 		Provided by the District
Tapping Sleeve	Stainless Steel	<ul style="list-style-type: none"> • Romac SST 		
Backflow Preventers	Any device that is approved by the USC Foundation for Cross-Connection Control and Hydraulic Research			
Blow Off Valves	Lead free brass. 2" Compression vertical inlet with integrated 90 x 2" IP male thread vertical outlet	<ul style="list-style-type: none"> • Ford BLA 18-777-TA-NL 		
Valve Box	Cast iron 2-piece slip type with cast iron extension	<ul style="list-style-type: none"> • Olympic Foundry • EJIW 		
Valve Box Lid	Cast iron with "Ears" and the word "WATER" or "W" cast on the top	<ul style="list-style-type: none"> • Olympic Foundry • EJIW 		

Meter Box	HDPE H20 traffic rated box and lid. Meter box color shall be sandstone. .75" and 1" Meter Box Size 13"x24" Meter lid to be blue (non-painted) with black cast iron non-self-closing meter reader lid. 1.5" and 2" Meter Box Size 17"x30" Meter lid shall be sandstone with a blue (non-painted) with 9"x14" Insert	<ul style="list-style-type: none"> .75 – 1" Water Meters • DFW 1324CH4-12-AF3C#<> 1.5" – 2" Water Meters • DFW 1640CH4-12-AF4 9143<> 		
Repair Couplings		<ul style="list-style-type: none"> • Romac Alpha 		
Full Circle Leak Clamps		<ul style="list-style-type: none"> • Romac 		
Flange Coupling Adapters		<ul style="list-style-type: none"> • Romac 		
Polyethylene Encasement "Pipe Bags"	8 mil polyethylene conforming to AWWA C105			
Backfill Material	When required by the District, backfill material must be imported.	<ul style="list-style-type: none"> • 5/8" Minus Crushed Rock (CSTC) • Controlled Density Fill (CDF) 		
Pipe Wall Penetration Seal	Mechanical seal and grout	<ul style="list-style-type: none"> • Link-Seal 		
Vaults & Lids	Size of vault and lid per OVWSD Standard Detail Drawing. Lid must be H-20 Traffic Rated			

SEWER FACILITIES

Item	Description	Manufacturer	Selection	Comments
Gravity Sewer Main	PVC ASTM D 3034, SDR 35 or SDR 40			
Force Sewer Main	PVC or HDPE as Determined by District			
Manhole Frame and Cover	(24") Clear opening diameter cast-iron frame and covers per ASTM A48, Class 30, with machined seats, lifting pic-hole and 316 stainless steel locking bolts. Inner Cover: (155 lbs); Outer Cover: (320 lbs); Frame: (330 lbs). Marked with "SEWER."			
Clean Outs				
Backfill Material	When required by the District, backfill material must be imported.	<ul style="list-style-type: none"> • 5/8" Minus Crushed Rock (CSTC) • Controlled Density Fill (CDF) 		
Repair Couplings – Side Sewer	Flexible or shielded couplings	<ul style="list-style-type: none"> • Fernco – Standard or Strong Back RC 		

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