

**WATER AGENCIES' STANDARDS
APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF SEWER FACILITIES**

This form is part of the Approved Materials Checklist that follows, and is intended for use by developers or contractors constructing sewer facilities within the service areas of the members of the Water Agencies' Standards Committee. 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. Please 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.

	Project Name	District's Project ID #	Submittal #
DEVELOPER INFORMATION	CONTRACTOR INFORMATION	SUPPLIER INFORMATION	
_____ Name of Developer (Company)	_____ Name of Contractor (Company)	_____ Name of Supplier (Company)	
_____ 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. 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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SEWER FACILITIES

Item	Description	Manufacturer	Selection	Comments
CASING END SEAL	6.25mm (1/4") Thick Styrene Butadiene Rubber Sheet End Seal. Use 25mm (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"/> <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 Powerseal Pipeline Seal & Insulator	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
COATING SYSTEM	Elastomeric Polyurethane Coating System for Manhole Bases. Full Submittal Required.	Endura-Flex EF-1988 Polibrid 705 Sancon 100 Elastomeric Polyurethane	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
COUPLING, FLEXIBLE	For Joining Different Sewer Pipe Types and House Connections.	Calder DFW/HPI Fernco	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
DAMP-PROOFING	Coating System used on the Exterior Surface of Manholes at and below Water Table.	Kop-Coat, Bitumastic Super Service Black	<input type="checkbox"/>	
DECOMPOSED GRANITE	Imported Quarry Decomposed Granite. Full Submittal Required.			
FITTINGS, PVC	Up to 375mm (15"), Wyes, Bends, Caps, and Plugs, Bell and Spigot with Rubber Rings.	Certaiteed GPK J-M Pipe Multi-Fittings Plastic Trends Vassallo	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
GASKET	Gasoline-Resistant Rubber Gaskets for Bell and Spigot Sewer Pipe and Fittings.	Newby	<input type="checkbox"/>	
GROUT	Non-Shrink Construction Grout.	Sika Grout 212 Sto CR 732	<input type="checkbox"/> <input type="checkbox"/>	
LINER SYSTEM	PVC T-Shaped Liner System for Lining of Precast Manholes and Concrete Sewer Pipe. Full Submittal Required.	Ameron T-Lok Poly-Tee PVC	<input type="checkbox"/> <input type="checkbox"/>	
MANHOLE FRAME ADJUSTING RING, CAST IRON	For Use in Adjusting Manhole Frames and Covers.	South Bay Foundry	<input type="checkbox"/>	
MANHOLE FRAME ADJUSTING RING, HDPE	HDPE Accordion Style Adjusting Ring for Manhole Frames and Covers, H-20 Loading.	Ladtech	<input type="checkbox"/>	

SEWER FACILITIES

Item	Description	Manufacturer	Selection	Comments
MANHOLE FRAME AND COVER	900mm (36") Nominal Diameter Cast-Iron Frame and Covers per ASTM A48, Class 30, with Machined Seats & lifting pic-hole. Inner Cover: 70 Kg (155 lbs); Outer Cover: 145 Kg (320 lbs); Frame: 150 Kg (330 lbs). Marked with "SEWER" and "AGENCY NAME."	Alhambra Foundry A-1325 South Bay Foundry SBF-1325	<input type="checkbox"/> <input type="checkbox"/>	
MANHOLE FRAME AND COVER, LOCKING	900 mm (36") Nominal 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: 70 Kg (155 lbs); Outer Cover: 145 Kg (320 lbs); Frame: 150 Kg (330 lbs). Marked with "SEWER" and "AGENCY NAME."	Alhambra Foundry A-1325 South Bay Foundry SBF-1325	<input type="checkbox"/> <input type="checkbox"/>	
MANHOLE JOINT SEALANT COMPOUND	Pre-Formed, Cold-Applied, Adhesive, Rope-Like, Butyl Rubber Gasket to Form a Watertight Seal Between Precast Manhole Sections.	A-Lok Butyl Lok Utility Vault	<input type="checkbox"/> <input type="checkbox"/>	
MANHOLE PIPE CONNECTOR	Rubber O-Ring Type Gasket for Pipe-to-Manhole Connection for Cast-In-Place Manholes and Cemented-In-Place Connections (Breaking into Existing Manholes).	J-M Pipe Newby	<input type="checkbox"/> <input type="checkbox"/>	
MANHOLE PIPE CONNECTOR	Rubber Flexible Type Connector for Pipe to Manhole Connection for Precast Manholes	A-Lok X-Cell NPC Kor-N-Seal	<input type="checkbox"/> <input type="checkbox"/>	
MANHOLE, PRECAST CONCRETE	Access Manholes for Sewer Mains (Grade Rings, Cones, Risers, and Bases) designed for H-20 Highway Loading.	Ameron B&W Precast Mar-Con Products Southwest Concrete Products Underground Precast Solutions Utility Vault Vertical Concrete	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
MORTAR, REPAIR	Patching and Repair Mortar.	Sika SikaTop 122 Sika SikaTop 123 Sto CR 735 Sto CR 740	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
PIPE, DUCTILE IRON	For Sewers 450 mm (18") and Larger or Under Heavy Loading and Force Mains. District Approval and Full Submittal Required.	American Pipe Pacific States U.S. Pipe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
PIPE, PVC	100 mm through 375 mm (4" through 15"), ASTM D 3034, SDR 35 Sewer Pipe.	Diamond Plastics Ipex Johns-Manville Pacific Western Pipe Scepter Vinyltech	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

SEWER FACILITIES

Item	Description	Manufacturer	Selection	Comments
PIPE, PVC	450 mm through 675 mm (18" through 27") ASTM F679, SDR 35 (T-I) Sewer Pipe.	Ipex Johns-Manville Pacific Western Pipe Scepter	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
PIPE, PVC	525 mm through 1,200 mm (21" through 48") ASTM F794, Closed Profile Sewer Pipe.	Vylon	<input type="checkbox"/>	
POLYETHYLENE WRAP	0.203 mm (8 mil) thick Polyethylene Wrap for D.I. Pipe and Fittings, AWWA C105.			
ROCK, CRUSHED	Washed 19mm (3/4") Crushed Rock Full Submittal Required.			
SADDLE, FLEXIBLE	100mm and 150mm (4" and 6") Wye and Tee Connections for Sewer Line Installations.	Certainfeed DFW/HPI GPK Inserta Tee Johns-Manville Multi Fittings Vassallo	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
WARNING/ IDENTIFICATION TAPE	Warning/Identification Tape (Non-Detectable) 150 mm (6") Wide, Colored Green, with Continuous Warning "CAUTION: SEWER LINE BURIED BELOW."	Calpico Type 1 Line-Tec Type B Christy Type 1 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"/>	