

**RINCON DEL DIABLO MUNICIPAL WATER DISTRICT
APPROVED MATERIALS LIST
FOR USE ON NEW CONSTRUCTION OF
WASTEWATER FACILITIES**

Material Description	Manufacturer	Comments
Casing, End Seal		
¼" 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 Water Works Calpico Powerseal Raychem	
Casing, Spacer		
Polyethylene Casing Spacer Center Restrained Position Type with PVC Liner and Non-Metallic Anti-Friction Runners	Advance Products & Systems Inc (APS) Cascade Water Works Powerseal Pipeline seal & Insulator Inc (PSI)	
Damp-Proofing		
Coating Systems used on the Exterior Surface of Manholes at and below Water Table	Kop-Coat Bitumastic Super Service Black	
Flowmeter		
Magnetic Flowmeter	Sparling Tigermag Krohne Enviromag	
Liner System		
PVC T-Shaped Liner System for Lining of Precast Manholes and Concrete Sewer Pipe	Ameron	
Manhole, Frame & Cover		
24" Nominal Diameter Cast Iron frame and covers per ASTM A48, Class 30, with Machined Seats	Alhambra Foundry A-1254	
36" Nominal Diameter Cast Iron frame and covers per ASTM A48, Class 30, with Machined Seats	Alhambra Foundry A-1325	
Manhole, Pipe Connector		
Rubber O-Ring Type Gasket for Pipe to Manhole Connection for Cast-In-Place Manholes and Cemented-In-Place Manholes and Cemented-In-Place Connections for existing manholes	GPK Products Inc	
Manhole, Precast Concrete		
Access Manhole for Sewer Mains (Grade Rings, Cones, Risers, and Bases) designed for H-20 Highway Loading	B&W Precast Mar-Con Products Jensen Precast JR Concrete	

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Manhole, T-Lock Lined Precast		
PVC lined cones and risers for manholes	B&W Precast Mar-Con Products	
Pipe, PVC		
4" through 18" ASTM D 3034, SDR 35 Sewer Pipe	Johns-Mansville Diamond Plastics Pacific Western Pipe Ipex Vinyltech	
21" through 54" ASTM D-1784	Submittal Required	
Saddle		
4" and 6" Wye and Tee Connections for Sewer Line Installations	Certainteed Inserta Tee J&M Pipe	
Valve, Air Release		
Pressure Air Release and Vacuum Valve, Designed for Sewer Use	ARI	
Valve, Backwater		
4" Extendable ABS Valve	Clean Check Inc	
Warning / Identification Tape		
Warning/Identification Tape 6" Wide, Colored Green, with Continuous Warning "CAUTION: SEWER LINE BURIED BELOW"	Calpico Type 1 Line-Tec Type B Thor Elast Tec	