



Shore Del Mar HOA Drainage Repairs Rio Del Mar, California

Civil Engineering



Client Reference:
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Budget: \$70,000

Homeowners at Shore Del Mar Condominiums enjoy sweeping views of the beach and bay. To maintain this incredible property, MME developed a series of drainage repair plans to safely convey runoff to the beach below.

The first priority repairs included an engineered downspout collection system to collect and re-route roof runoff and prevent water from flowing over the sensitive bluff soils.

The following summer, the Board of Directors decided to rehabilitate the main storm drain serving the property that routes stormwater down the face of the bluff to Beach Drive below. The existing 40-year old corrugated metal pipe down drain was video-inspected and early signs of corrosion were found. Based on our investigation of alternatives, we chose to slipline a smooth high density polyethylene pipe inside of the existing metal pipe. This method avoided disturbance to the sensitive slope and increased drainage capacity.