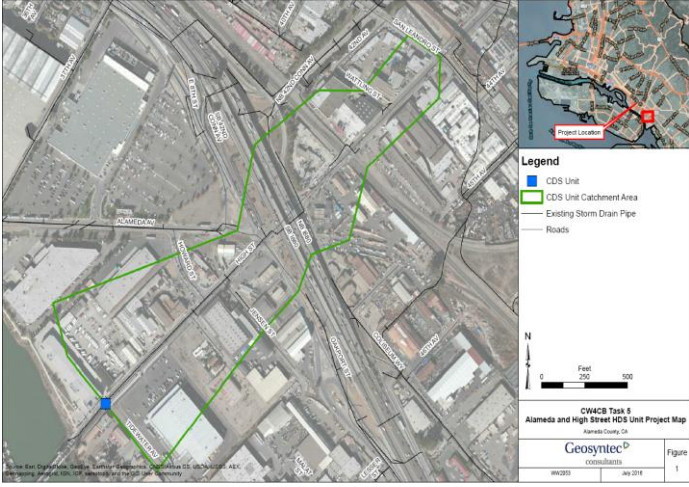
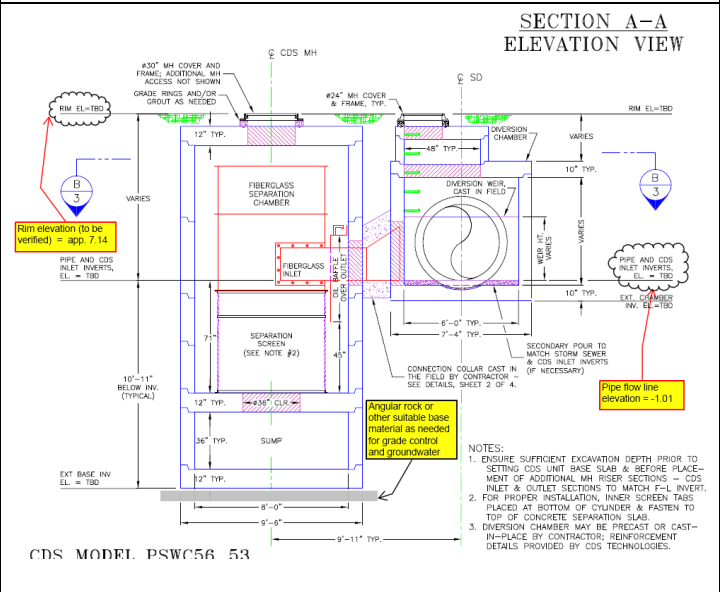
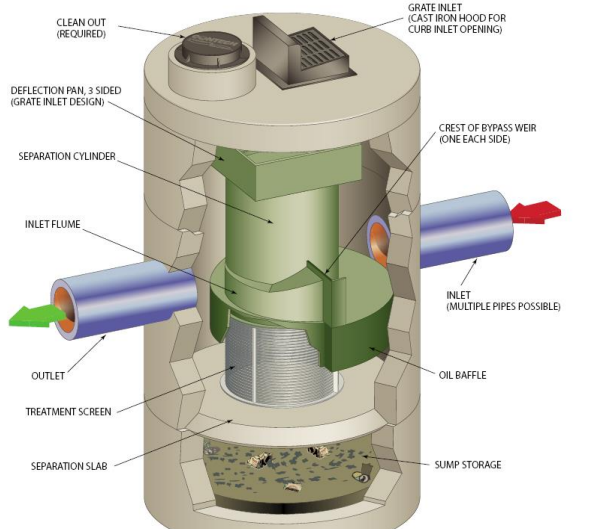


# TASK 5: URBAN RUNOFF TREATMENT RETROFITS ALAMEDA AND HIGH STREET HDS PROJECT

	<p><b>BMP Type:</b> Hydrodynamic Separator (HDS)</p> <hr/> <p><b>Location:</b> High Street near Tidewater Avenue in Oakland, CA.</p> <hr/> <p><b>Drainage Area:</b> 37 acres</p> <hr/> <p><b>Construction Completed:</b> December 2012</p> <hr/> <p><b>Total Design and Construction Cost:</b> \$371,600 (construction only; design by City of Oakland cost unknown)</p>
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<p><b>Description:</b></p>	<p>Prefabricated Conetch HDS unit called the Continuous Deflective Separator (CDS).</p>
<p><b>Selected specifications</b></p>	<p>Captures and retains 100% of floatables and neutrally buoyant debris 2.4mm or higher.</p> <p>Effectively removes solids down to 100µm</p> <p>Self-cleaning screen</p>



	<p><b>Monitoring Locations:</b> Directly at the unit. Sediment settles into an isolated sump while floatables and neutrally buoyant pollutants are captured in the separation cylinder, until removed during maintenance.</p> <hr/> <p><b>Monitored Dates:</b> 8/21/13</p> <hr/> <p><b>Influent Sampling:</b> Via Vactor vacuum truck. Intended to sample sediment, but lack of accumulation resulted in aqueous samples.</p> <hr/> <p><b>Effluent Sampling:</b> None.</p>
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