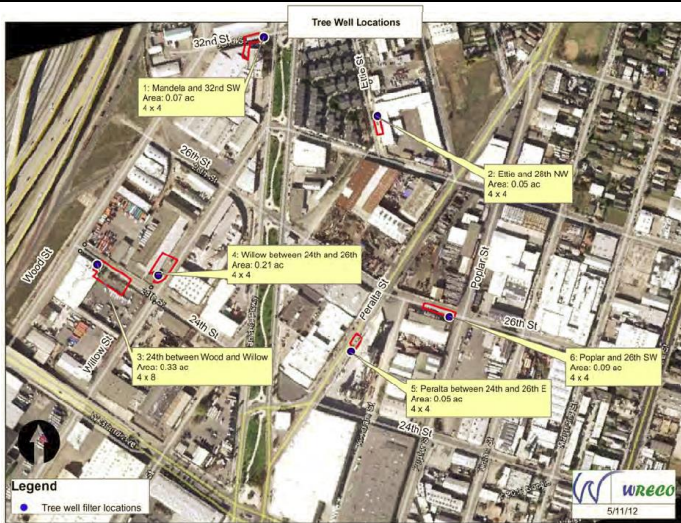
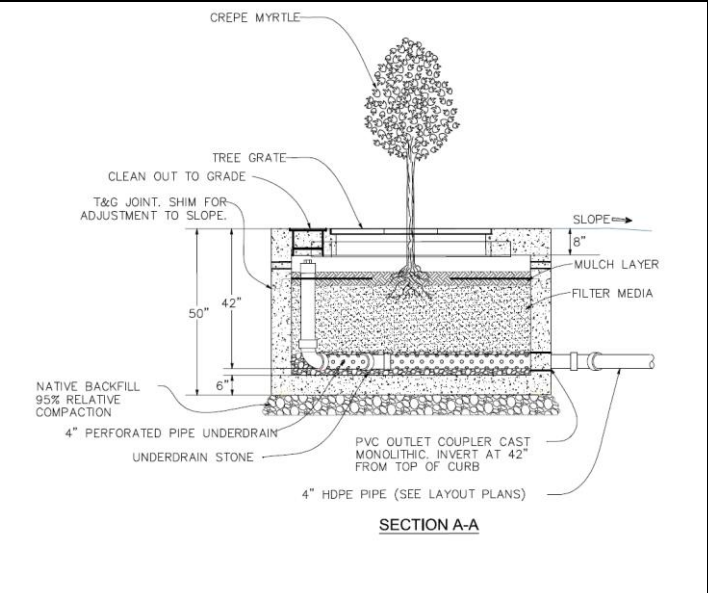


TASK 5: URBAN RUNOFF TREATMENT RETROFITS WEST OAKLAND INDUSTRIAL AREA PROJECT



BMP Type:	Bioretention
Location:	Vicinity of Peralta Street between 24 th and 30 th Streets, Oakland, CA
Drainage Area:	Varies; 0.8 acres total.
Construction Completed:	November 2013
Total Design and Construction Cost:	\$266,982

Description:	Filtterra™ tree wells with curb cuts.
Number of Cells:	Five 4-foot by 4-foot units, one 8-foot by 4-foot unit.
Media Type & Depth:	21-inch depth. Filtterra™ Engineered Media.
Sizing:	Based on a rainfall intensity of 0.2 in/hr and runoff coefficient of 0.95.
Ponding Depth:	Should not occur.



Monitoring Locations:	Pre-Construction: All tree wells. Post-Construction: tree wells 2 and 6.
Monitored Dates:	Pre-Construction: 7/25/13 (sediment only) Post-Construction: 2/8/14, 3/31/14, 10/31/14, 4/25/15
Influent Sampling:	Temporary flume in curb upstream of tree well.
Effluent Sampling:	Outfall pipe that discharges flow from underdrains into drop inlets.