

# MALIBU LEGACY PARK: A WALK THROUGH THE PARK

The Malibu Legacy Park Project, a private/public partnership and multi-benefit clean water project for the region, is the centerpiece of the City of Malibu's commitment to water quality and the environment.



1 Coastal Prairie

2 Education Center

3 Little Prairie

4 Intermittent Wetland

6 Riparian Corridor

5 Wallis Annenberg Habitats

 **Awards to date:** 2011 Outstanding Sustainability Project (ASCE LA Chapter & Metro LA Branch); 2011 Outstanding Stormwater Best Management Practices (BMP) Implementation (CASQA)

# MALIBU LEGACY PARK: BEHIND THE SCENES

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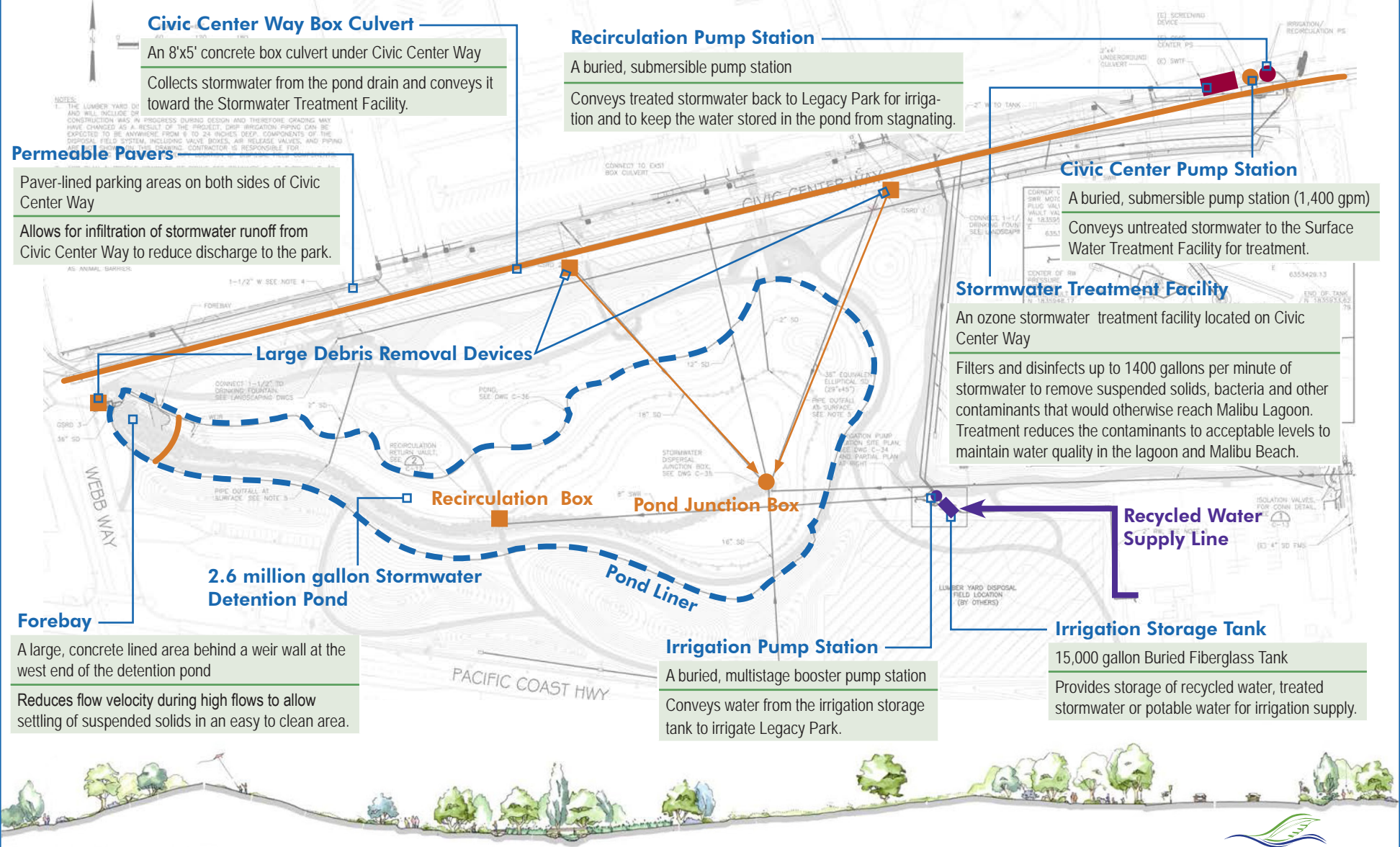
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## General Contractor

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### Civic Center Way Box Culvert

An 8'x5' concrete box culvert under Civic Center Way  
Collects stormwater from the pond drain and conveys it toward the Stormwater Treatment Facility.

### Recirculation Pump Station

A buried, submersible pump station  
Conveys treated stormwater back to Legacy Park for irrigation and to keep the water stored in the pond from stagnating.

### Permeable Pavers

Paver-lined parking areas on both sides of Civic Center Way  
Allows for infiltration of stormwater runoff from Civic Center Way to reduce discharge to the park.

### Civic Center Pump Station

A buried, submersible pump station (1,400 gpm)  
Conveys untreated stormwater to the Surface Water Treatment Facility for treatment.

### Stormwater Treatment Facility

An ozonation stormwater treatment facility located on Civic Center Way  
Filters and disinfects up to 1400 gallons per minute of stormwater to remove suspended solids, bacteria and other contaminants that would otherwise reach Malibu Lagoon. Treatment reduces the contaminants to acceptable levels to maintain water quality in the lagoon and Malibu Beach.

### Large Debris Removal Devices

### Recirculation Box

### Pond Junction Box

### 2.6 million gallon Stormwater Detention Pond

### Forebay

A large, concrete lined area behind a weir wall at the west end of the detention pond  
Reduces flow velocity during high flows to allow settling of suspended solids in an easy to clean area.

### Recycled Water Supply Line

### Irrigation Pump Station

A buried, multistage booster pump station  
Conveys water from the irrigation storage tank to irrigate Legacy Park.

### Irrigation Storage Tank

15,000 gallon Buried Fiberglass Tank  
Provides storage of recycled water, treated stormwater or potable water for irrigation supply.