

# Popoia Stormwater Retrofit



Before



After



The goal of this project was to capture storm water and allow it to filter and infiltrate before polluted water has a chance to enter Ka'elepulu Stream. This project retrofitted 12,000 sq. ft. of an existing parking lot owned by City and County of Honolulu Parks Department adjacent to Ka'elepulu Stream in Kailua with the following elements:

- ✓ **Pervious pavers allow stormwater to infiltrate the parking area**
- ✓ **Improved 360 feet of riparian habitat**
- ✓ **Installation of native plants and rain gardens**
- ✓ **Educational signage**

Volunteers maintain this project while learning about native Hawaiian plants and local watershed issues. Groups and individuals are welcome to malama these gardens by making arrangements with HOK for a group workday or maintain the gardens as their own schedule allows after they have completed a training session with HOK staff.

Funders and partners include the U.S. Environmental Protection Agency, Hawai'i Department of Health, City & County of Honolulu, Hawai'i Tourism Authority, Buzze's Original Steakhouse and many other local community groups and organizations.