

Windward Community College Low Impact Retrofit



This Low Impact Retrofit (LIR) is designed to capture storm water run-off from over 18,000 square feet of impervious surface from the roof, road and parking lots.

Hui o Ko'olaupoko and Windward Community College (WCC) partnered to install approximately 3,000 square feet of rain gardens and native vegetation in front of the Hale 'Imiloa Science Building. The rain gardens will capture and infiltrate the storm water runoff before it has a chance to carry pollutants into nearby Kea'ahala Stream and Kāne'ohe Bay.

Construction of the site began in March 2014, starting with excavation and formation of the rain garden basins and berms. Students, professors and community members helped HOK staff with the planting of over 2,000 native plants.

Long term maintenance of the project will be conducted by HOK with considerable support from WCC's Sustainability Club.