

La Jolla Lab Replacement Project Green Roof

For the project, a wide variety of innovative design and sustainable strategies were implemented to cover all areas of the project: energy efficiency, an extensive rooftop photovoltaic system, elaborate storm water retention systems, regionally sourced building materials, “green roofs” planted with California coastal vegetation,



natural ventilation systems, and a variety of corrosion-resistant materials, such as poured-in-place concrete, ceramic terra cotta, and stainless steel exterior fixtures.

The Green Roofs and Terraces were designed so that when viewed from the street above, the greenery, planted with California coastal vegetation, will blend with the native vegetation around the site. On the courtyard terraces, the green roof will help to keep the temperature moderated, save energy and retain rainwater. The vegetated roofs and terraces cover about 30% of the total roof surface.

The project will allow NOAA to bring associated science and research activities together, modernize the laboratory and office spaces in order to satisfy the latest requirements and standards while supporting the state-of-the-art. (Source: <http://swfsc.noaa.gov>)

Baseline Product

BaseStation 3200
Baseline biSensor Soil Moisture Sensors

Project Details

Designed By: Goulde Evans
Project Completed: June 2011



This Project is pursuing LEED Certification

