

Scripps Seaside Forum Green Fact Sheet

Demolition: University officials estimate that approximately 90% of demolished buildings were recycled. 40-60% of construction debris was sorted and recycled by Edco.

Grading: Most of the soil used for grading is from the site, thus significantly reducing the soil export, which saved hundreds of gallons of fuel and the resultant air pollution.

Utilities:

HVAC: The Scripps Seaside Forum will use hot and chilled water from existing sources, therefore significantly reducing energy consumption (this alone saved about 60% compared with installing a stand-alone system).

Reduced the space with AC: The Scripps Seaside Forum will have air conditioning only in the Auditorium and extra large meeting room. Three smaller meeting rooms and Surfside, the student lounge, are all natural air circulation for cooling. The overall configuration of the buildings was determined in order to reduce both the amount of heat and cooling required. There is a considerable west overhang on the buildings to reduce the heat gain.

The meeting rooms and Surfside were designed so that they would not be a separate building that would require HVAC. Specifics include each meeting room being "stand alone" and high windows, capable of being opened, for air exchange.

The east trellis walkway was created in order to avoid creating an interior hallway that would require HVAC. The HVAC system will be on only when the buildings are occupied.

Glass: Low "e" glass is used throughout, which reduces the heat gain within the buildings, thus reducing the need for mechanical cooling.

Insulation: The building insulation was upgraded and will reduce the energy consumption.

Lighting: All are low energy need florescent fixtures = reduced electrical power need. Window placement will provide natural light to reduce energy consumption, both from reducing the amount of electric light needed and lowering the amount of cooling needed to cool the building from heat generated from the lighting.

Interior finishes:

Carpet - recycled materials

Wall materials - portion from recycled materials, Low VOC paints

Teak - all plantation grown

Landscape: Only low-water need plants are to be used, California natives and other drought tolerant plants - this allows for a 40 to 50" per year reduction in water needed by the landscape.

Hard Surfaces: Hard surfaces around the buildings were minimized, so that less runoff would be produced. Also, the landscape was designed so that storm water from this area will be able to sink into the soil rather than flowing off the site and over the adjacent bluffs.