



Green Building Case Study Girvetz



Building Highlights:

LEED Certification Type: Existing Building

LEED Certification Level: Silver

Size: 46,726 square feet

Cost: \$66,156

Funding Source: Physical Facilities

Construction Date: 1955

Completion Date: Fall 2005

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Commissioners:

Architects:

Engineers:

Contractors:

Landscape:

All in-house
(UCSB Physical
Facilities Dept.)

www.sustainability.ucsb.edu



Why this Building?

Girvetz Hall is one of the oldest buildings on the UCSB campus and houses several environmentally conscious departments. Thanks to the hard work and gallant efforts of Facilities Management, Crustal Studies, Environmental Studies, Academic Senate, and the Writing Program, Girvetz now boasts increased energy efficiency and improved indoor air quality. Girvetz was the first LEED EB project at any UC campus, and initiated UCSB's involvement in the LEED Portfolio program, which will certify 25 existing buildings under LEED EB in the next 5 years.

Green Achievements:

- First building in UC system to be certified under LEED for Existing Building (EB) and first to achieve Silver LEED EB rating
- Received Energy Star rating of 98 out of 100
- Upgraded building control systems and building commissioning enables Facilities Dept. to maintain the building at optimal efficiency
- Installed waterless urinals to save 45,000 gallons of water per year per urinal
- 22% water reduction from baseline
- 100% recycling rate of demolition from urinal retrofit
- Established landscape that requires little maintenance or water
- Green Seal certified cleaning reagents
- Walk-off mats at all entry ways to improve indoor air quality
- Sustainable purchasing policy ensures use of environmentally conscious supplies and materials
- Waste audit revealed 80% diversion of recyclable materials
- Natural ventilation reduces need for AC/heat
- Existing heaters repaired to eliminate need for inefficient strip heaters
- CRI Green Label Carpet