

Facts

Description:

High education multipurpose campus building

Location:

Olympia, WA

Project Owner:

The Evergreen State College

Architect:

Mahlum Architects

Objective:

Create an environment that optimized student learning by leveraging the facility's connection to the environment through sustainable building features that created 'outdoor classrooms.'

Completion Date:

2005

Results

Achieved LEED® Gold certification, the first academic building in Washington to do so

Awards

Top Ten Green Project;
American Institute of Architects;
Committee on the Environment
- 2005

THE EVERGREEN STATE COLLEGE, SEMINAR II



The campus of The Evergreen State College is 1,000 acres of second growth forest, with higher than average precipitation each year. The main objective of the project was to create an environment that optimized student learning by leveraging the facility's connection to the environment through sustainable building features that created 'outdoor classrooms.' Therefore, stormwater management and other measures to protect the site and create learning opportunities through sustainable design became paramount on this project.

The roof of this 153,000 sf building is 40% green roof; the building is 70% ventilation cooled; energy use is predicted to be 40% less than code. Extensive use of recycled content and sustainable building materials create a resource efficient building with high indoor air quality. First cost, as well as running costs were estimated to be lower than conventional construction.

Paladino Approach

Paladino provided the following sustainability services:

- Sustainable design and concept development
- Site water balance analysis and water strategies
- Energy use analysis
- Total Cost of Ownership analysis
- LEED management
- Sustainable construction management