



Edmonds Community College Brier Hall Renovation Student Union Addition Overview

- Location: Lynnwood, WA / suburban setting
- Facility Type: Higher Education

With the cafeteria, student union and bookstore scattered across the campus, Edmonds Community College sought to consolidate these student services. Brier Hall currently houses classrooms, labs, and the campus cafe, and is the starting point for this consolidation. The first step is to remodel the interior of Brier Hall for a more contemporary look. Improvements include a new roof, mechanical system upgrades, minor kitchen remodel, a skylight which introduces more natural light and the gutting and redesign of two science labs on the second floor.

The 22,000 SF, two-story addition for the new Bookstore/Student Union connects directly to the northeast corner of Brier Hall. The Student Union portion features a lounge with fireplace and performance area and game room on the main floor. The second floor houses student services' offices, conference rooms and space for campus clubs. An atrium leads to the Bookstore. Campus administrative offices occupy the second floor of this section. East-facing windows and clerestory lighting allow plenty of natural light.

Completion is expected in October 2008.



DLR Group

Architecture Engineering Planning Interiors

Sustainable Features

Sustainable Site

- 50% of existing building constructed on existing grayfield (pavement) area
- Maximizes connection to campus utilities through existing tunnel system
- Part of campus wide recycling program
- Campus connected to multiple transit lines
- Campus connected to public services within 1/2 mile radius
- Roof is light-colored "cool roof", which has high reflectance and limits heat island effect

Water Efficiency

- Plantings utilize native/drought tolerant species

Energy and Atmosphere

- Light control/shading of windows reduces heat gain
- Comprehensive energy management control system
- Connection to existing central plant heating system with new efficient air handling units
- High performing envelope design (insulation/window systems)
- Accessible mechanical HVAC area for improved maintenance and enhanced performance
- Refurbished 50% of the existing mechanical units for improved performance and efficiency
- Zoned mechanical systems for energy performance
- Heat recovery utilized on laboratory fume hoods
- Reuse/replacement of kitchen equipment to maximize efficiency

Materials and Resources

- Use of local, regional, and recycled materials
- Over 50% of existing walls, floors, and roof reused
- Durable materials
- Many of the structural systems serve as final finish system (concrete slabs, exposed structure, etc.)
- Contractor recycling materials throughout construction

Indoor Environmental Quality

- Operable windows throughout
- Daylighting maximized
- Low emitting materials
- Flush out of building with all finishes installed will occur prior to occupancy

Innovation

- Building landscape is used as an educational tool for the horticulture program

