

**Stephen E. Ephler Hall Dormitory
COMMISSIONING**

NEW BUILDING - - - LEED

Owner/Client:

Portland State University
Facilities Department
202 University Services Building
617 Montgomery
Portland, OR 97201
Burt Ewart, (503) 725-4316

Project Start: September 2003

Project Finish: June 2004

Facility Type: Dormitory

Building Age: Built 2003

Construction Cost (Total): \$7,418,044

Commissioning Fees: \$90,000

Project Size: 60,000 square feet

EESI Staff Involved: Steve Barney, Fred Shaub, Ron Anderson, and Dan Pullen.

Project Description: New construction of a 60,000 gross square foot, 6 story building (5 story wood frame over Type I ground level). The dormitory is comprised of 130 residential studio units and approximately 8,000 square feet of office and classroom space. The project will be pursuing certification by the US Green Building Council under the LEED rating system.

EESI become involved in project at the design completion phase.

Types of Systems Commissioned:

- ☒ Central Building Automation System (BAS)
- ☒ All equipment of heating, ventilation, and air conditioning system
- ☒ Scheduled or occupancy sensor lighting controls
- ☒ Daylight dimming controls
- ☒ Emergency power generators tie into BAS
- ☒ Uninterruptible power supply systems
- ☒ Life safety systems
- ☒ Electrical
- ☒ Irrigation
- ☒ Process instrumentation and controls
- ☒ Soil VOC interception system
- ☒ Rainwater collection and treatment