

# Springwater Trail High School

GRESHAM, OREGON

## Services

Mechanical

Fire/Life Safety

### FAST FACTS

#### Architect

LSW Architects

#### General Contractor

Andersen Construction

#### Completion

September 2002

#### Building Size

27,000 sf

#### Project Cost

\$4 million

#### Award

Grand Prize: *Education Design Showcase Annual, School Planning & Management* magazine, 2003

#### Contact

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On their web site, the Springwater Trail high school tells the world that the Gresham-Barlow School District has “taken steps to create a novel high school, immensely different from other high schools of today.” Translated, this means their overriding objective is to create an environment and provide the tools for their students to succeed in today’s world. Central to this objective is designing a building that facilitates learning.

Because of our experience in creating energy-efficient building systems, Interface Engineering was chosen to provide the mechanical design. The wide variety of classes offered in specially designed rooms such as a fitness area, commons, administration, two flex labs, computer rooms and support space each have different HVAC demands. The packaged HVAC units offer the flexibility to address the varying demands efficiently, and not only bring a low first cost, but allow easy maintenance and flexibility for future modification.

*High efficiency systems can be high maintenance; but the one that Interface specified can be technically and financially maintained for much less than what a typical school is used to.*

DAVID STEPHENSON, AIA, LSW ARCHITECTS



Studies have shown that physical comfort has a direct correlation to student performance. Interface’s mechanical design addressed this priority, plus energy savings, for the Gresham school.