



LEED Silver

# Holy Redeemer Catholic School

PORTLAND, OREGON

## Services

MEP Engineering  
Sustainable Design  
Fire/Life Safety

### FAST FACTS

**Architect**

LSW Architects

**Completion**

August 2005

**Building Size**

6,600 sf

**Project Cost**

\$700,000

**Contact**

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The Holy Redeemer Catholic School means to walk the talk by creating a learning space that reflects their highest ideals with sustainable design. Interface Engineering helped the school realize their goals in this respect by providing design services for mechanical, electrical, fire/life safety, lighting, plumbing and low voltage for a recent 6,600 SF addition. LEED Certified, the designs for this single-story structure focused on energy savings in each of these areas.

The addition houses a library/media center, computer lab, science lab, classrooms, and hub room for the 400 students in kindergarten through grade eight.

A perfect example of green intentions is the green roof that will help lower water and energy costs by keeping all rainwater within the site by means of an on-site percolation system. Water that is not absorbed into the plants goes to a bioswale/retention pond, then to a dry well if there is overflow.