



LEED Gold

Lovejoy Office Building

PORTLAND, OREGON

Services

- Mechanical
- Sustainable Design
- Energy Services
- Fire/Life Safety
- Lighting

FAST FACTS

Architect

Opsis Architects

General Contractor

Walsh Construction

Completion

December 2004

Building Size

20,000 sf

Awards

Grand Award for Building and Technology Systems:

American Council of Engineering Companies, Oregon Chapter, 2006

Advancing, Reinvigorating and Cultivating Excellence in Engineering Honorable Mention for HVAC Category: *Consulting-Specifying Engineer Magazine*, 2005

Design Award for Sustainable Merit: American Institutes of Architects, Portland Chapter, 2005

Contact

James Meyer, Principal / Opsis Architecture / 503-525.9511

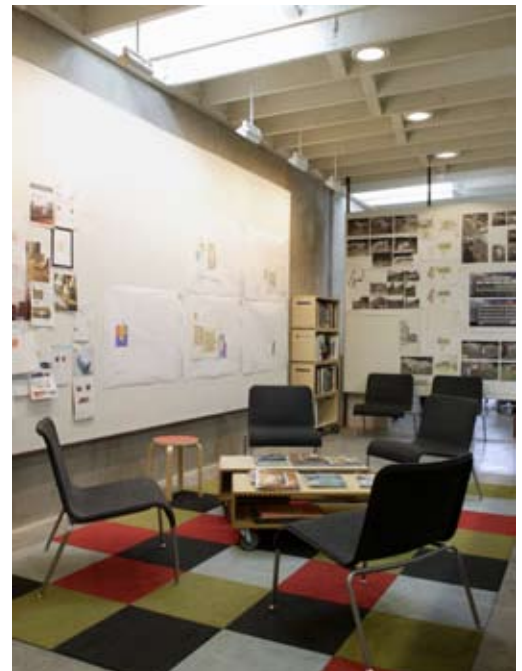
Originally built in 1910, the Marshall-Wells Hardware Company's building provided a sturdy shell for sustainable improvement. Designing a complete remodel of the existing two-story brick building into three retail spaces and Opsis Architects' second-floor offices, Interface designed:

- » HVAC with radiant heating and cooling on the second floor and split-system heat pumps on the first floor, reducing energy use by 40 percent.
- » Plumbing designed to reduce water use by 30 percent.
- » Performance specification for fire protection and building control system.
- » Carbon dioxide (CO₂) monitoring system.

We hired Interface because of their experience with high performance buildings and because they share our goals for sustainable architecture.

We appreciate the high level of leadership that Interface brought to our project.

JAMES MEYER, PRINCIPAL, OPSIS ARCHITECTS



By incorporating the concrete slab-based radiant heating system with the seismic upgrade of the building, Interface generated energy savings without a significant cost increase.