

PUBLIC BUILDINGS

Courthouse Square Transit Center

Salem, Oregon



A Transition to Sustainability in Public Buildings

Located in downtown Salem, Courthouse Square provides high-end office space for Marion County and the Salem Transit District. With 10,000 SF of retail space at street level and an entire city block of underground parking, the site also features a transit mall adjacent to the building.

INTERFACE ACHIEVES LEED® BRONZE OBJECTIVES INCORPORATING INNOVATIVE DESIGN

By adapting existing technology to conform to LEED standards, Interface demonstrated new ways of thinking outside the box in order to meet client needs and design a building that is seen as a benchmark for sustainable design. The team designed an innovative, advanced heating, ventilating and air conditioning (HVAC) system that allows for temperature and ventilation control through occupancy sensors so that

less energy is used when individual spaces within the building are empty.

By sensing occupancy of a given space, the system provides outside air as needed to meet indoor air quality standards. When the space is unoccupied, the system goes back to unoccupied mode to conserve energy. The variable air volume (VAV) system also makes use of recovered waste heat from the building's exhaust system, preconditioning the outside air before sending it into the building.

Interface designed plumbing systems to include the installation of low-flow toilets to save water, as well as infrared sensors on all restroom fixtures. Interface also specified high-efficiency glazing for windows. As a publicly funded project, Courthouse Square makes good use of taxpayer dollars and provides a clean environment for people who work in or visit the facility.



FAST FACTS

Interface Team Leaders

Jim Cook, PE
503.428.3323

Dale Stadler, PE
503.428.3315

Building Type

Office, New construction

Architect

Arbuckle Costic Architects, Inc.

Builder

Pence/Kelly Construction

Completion

September 2001

Building Size

150,000 SF

Awards

LEED certified Bronze by the U.S. Green Building Council

Honor Award, American Council of Engineering Companies Oregon

Project Cost

\$22 million

Project Scope

Five-story mixed-use; offices, retail and below-grade parking

Contact

Bob Hutchinson,
Facilities Manager
Marion County
503.584.7711

