

# Fort Collins Conserves

## with Efficiency Programs and Community Leadership.

### Seven Generations Office Park, Building A

#### Building a Better Business

Within walking distance of basic services and open space, Seven Generations Office Park is a campus of three high-performance core and shell office buildings (two 10,000 sq. ft. one-story buildings and one 36,000 sq. ft. two-story building) designed by RB+B Architects, Inc.

Seven Generations, Building A is an example of a mixed-use building that can be built on a traditional construction budget and offers competitive advantages in the market place.

Building A also showcases sustainable building practices as economically viable. In a collaborative effort, the project team produced a design that has earned the Energy Star rating and has achieved LEED-CS Platinum Level Certification. Nationally recognized Energy Star and LEED programs encourage best-practices and innovation in site selection and use, water conservation, energy efficiency and indoor air quality. LEED rating system was used to validate the project's high-performance standards.

***Seven Generations Office Park is an example of a mixed-use building that can be built on a traditional construction budget and offers competitive advantages in the market place.***

A local bike path, coupled with bike racks and showers, support alternate methods of transportation to and from the Seven Generations Campus. Preferred parking for fuel-efficient vehicles is provided to



encourage reduced fossil fuel use by building occupants. A concrete parking lot reduces heat the amount of reflective heat around the campus.

Building A has raised-access floors for under-floor air distribution, which is more efficient and controllable than traditional overhead air distribution. Extensive day lighting reduces the need for electric light during daylight hours. A high-performance building envelope reduces heating and cooling loads and size of mechanical equipment. Low-flow plumbing fixtures such as dual-flush toilets and 1/8 gallon per flush urinals maximize water efficiency within tenant spaces. This helps reduce the burden on the municipal water supply and wastewater systems. Drought-tolerant landscaping further reduces water usage on the site.

A small demonstration photovoltaic solar panel helps offset some of the building's electrical usage.

#### Project Details

##### Facility

*Seven Generations Office Park, Bldg. A*

##### Facility Size

*36,000 square feet*

##### Facility Location

*Fort Collins*

##### Design Team

*Architect: RB&B Architects, Inc.*

*Contractor: Dohn Construction, Inc.*

*Civil Engineer: Interwest Consulting*

*Group Landscape Architect: VF Ripley*

*Structural Engineer: Larsen*

*Structural Design*

*Mechanical & Electrical Engineer:  
Beaudin Ganze Consulting Engineers*

*Commissioning: Architectural Energy Corp.*

*Daylighting: Rocky Mountain Institute*

*Energy Modeling: Enermodal  
Engineering, Inc.*

*LEED Consultant: CSU Institute for the  
Built Environment*



**Fort Collins Conserves. It's Our Style.**