

Signature Centre

Golden, CO



**First LEED Platinum certified commercial building in Colorado;
One of 41 LEED Platinum buildings in the world.**

LEED-CS Platinum

The Signature Centre is a 186,000 sf office building with 112,000 of structured parking. It is a Class A office building, with a café and fitness center included.

Project owner: Aardex LLC

Architects: Binh Vinh, AIA / Aardex, Design Architect
Ashley Lemon, AIA/Aardex ; Project Architect
MOA AIA, Production Architect
Mechanical/Plumbing Engineer: MKK
Structural Engineer: Neujahr & Gorman
Electrical Engineer: Alber Engineering
Civil Engineer: Carroll & Lange
Commissioning Agent: EEI
LEED Consultant: Ambient Energy

Completion Date: June, 2007

Total Project Cost: \$32,000,000

USGBC Colorado, www.usgbccolorado.org



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Sustainable Features

- The surrounding land was converted from a stillwater pond into a vegetated and landscaped community area.
- All landscaping is native to Colorado and drought tolerant.
- Surrounding land was turning into a park for public use. This park also helps to manage on-site precipitation.
- 92% of the occupied space has access to daylighting and outside views
- The parking space under the building is covered in red rock, portraying an image of technology rising from the native Colorado landscape.
- Under floor air delivery is provided, allowing each occupant to control the air in their space.
- Exterior and Interior light shelves reduce glare while bringing daylight further into the space.
- Low VOC materials
- Solar Ban 70 Low-E glazing used throughout the building to reduce heat gain and glare.
- Lighting controlled by occupancy sensors, photo sensors, and dimmable switches.
- Hot water supplied from high efficient condensing boilers
- Cold water supplied from evaporative cooled condensing chilled water units.
- 33% total energy savings
- 23% recycled content used in materials, 98% of construction waste recycled.
- Recyclable carpet tiles and 50% FSC certified wood used throughout the building.
- 46% combined annual water savings.
- Low flow plumbing fixtures, dual flush toilets, and waterless urinals

LEED-CS Platinum:

**Core and Shell Pilot
Rating System**



Sources:

Aardex LLC

The American Institute of Architects

Denver Business Journal

Allsteel, Keri Luly, LEED AP



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