

# Sundeck Restaurant

Aspen, Colorado



Pat Sudmeier photo. Used with permission by Cottle Graybeal Yaw Architects



Version 1.0  
**BRONZE**

**Notes from the Project Team:** *LEED assisted the design team in aligning the building design with the organization's mission to find sustainable solutions for growing global needs.*

## Sustainable Sites

- **Site Selection:** *Reconstruction of building on existing site with long axis of building and primary glazing facing south*
- **Resource Protection:** *Restoration of 100% of degraded habitat*

## Water Efficiency

- **Water:** *Water saving faucets, toilets and urinals*

## Energy and Atmosphere

- **Energy:** *Exceeds ASHRAE/IESNA Standard 90.1-1989*
- **HVAC:** *Forced draft boilers compensate for high altitude "thin air" application*
- **Controls/Monitoring:** *Building Automation System (BAS) allows remote monitoring and control of building mechanical system*
- **Power Source:** *Wind power contract with local utility for 30% of the building's needs*
- **Lighting:** *Exceeds California's Title 24 Lighting Energy Code; reduced outdoor light pollution*

## Materials and Resources

- **Local Materials:** *Local stone used as building material*
- **Recycled Content:** *4000 square feet deck made of Choicedek, a recycled wood and plastic composite*
- **Deconstruction:** *86% of deconstruction (1,340 cubic yards) recycled or reused, saving \$42,000 in construction costs*

## Indoor Environmental Quality

- **Low Emitting Materials:** *Minimal volatile organic compounds*

**Owner:** Aspen Skiing Company

**Project Team:** Architect: *Cottle, Graybeal & Yaw*  
Engineer: *Beaudin Ganze Consulting*  
Contractor: *Shaw Construction*  
Consultant: *Rocky Mountain Institute*

### Building Statistics:

Completion Date: *February, 2000*  
Cost: *\$9.8 Million*  
Size: *23,015 gross square feet*  
Footprint: *14,270 square feet*  
Construction Type: *V N (non-rated)*  
Annual Energy Use: *115,200 kilowatt-hours*  
Use Group: *Assembly(A-3), Business (B), & Residential (R3)*  
Lot Size: *10 acres*  
Occupancy: *Varies*