



**Owner:**  
City of Durango

**Architect:**  
Barker Rinker Seacat Architecture

**Our Services:**

- Sustainable Design Facilitation
- Energy Efficiency Consulting
- LEED® Consulting & Certification
- Building Energy Performance Monitoring

**Status:**  
LEED® Gold Candidate  
Completed 2008

## Durango Public Library

### Community building embodies green philosophy

Durango, Colorado



PHOTO CREDIT BARKER RINKER SEACAT ARCHITECTURE

The City of Durango is committed to reducing the environmental impact of buildings and operations. And a leading example of that public commitment is the design of the new Durango Public Library. This 42,000 ft<sup>2</sup>, two-story building is a water-miser, achieving 50% potable water savings and 57% savings of outdoor water. An energy-efficient

lighting plan along with maximum use of outdoor cooling reduces the building's annual energy by 45% compared with a conventional building. The City ensured easy access by choosing a location served by Durango Transit, and by investing in extending the Animas River Bike Trail to the library.

#### LEED® Project Facts

Gross Floor Area: 28550 (sq.ft.)  
Energy Density: 11 (ekWh/sq.ft.)

Category	% Performance
<b>Water Savings</b>	
Irrigation	57 %
Indoor Use	50 %
<b>Energy Savings</b>	
Waste Diversion	72 %
Recycled Content	16 %
Regional Content	23 %
Daylighting	81 %
Views	100 %
LEED® Gold	

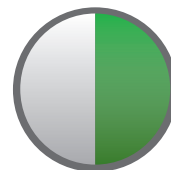
#### Notable Features

- location served by public transit and pedestrian routes
- shared parking
- native, drought-resistant plantings
- low-flow plumbing fixtures with shut-off sensors
- underfloor air distribution to maximize cooling using outdoor air
- window glazing selected to reduce solar gains
- sun shades to improve visual and thermal quality of spaces
- measurement and verification program for energy use
- daylighting sensors to control lighting through continuous dimming
- construction waste management plan diverts 1% of waste from landfill
- recycled materials: steel, concrete
- regional materials: stone, gypsum board
- building flush-out before occupancy to protect indoor air quality
- abundant views to outdoors from all regularly occupied spaces



**45%**

Energy Savings



**50%**

Indoor Water Savings



**16%**

Raw Materials Savings