Leadership in Energy & Environmental Design

A leading-edge system for designing, constructing, and certifying the world's greenest buildings.

What is “Green” Design?

Design and construction practices that significantly reduce or eliminate the negative impact of buildings on the environment and occupants in five broad areas

Sustainable site planning

Safeguarding water and water efficiency

Energy efficiency and renewable energy

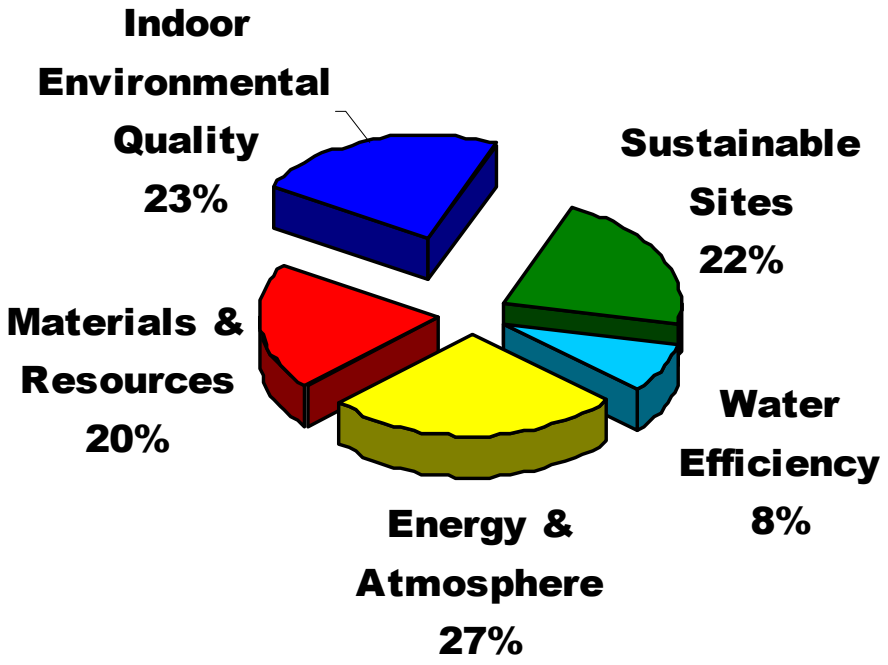
Conservation of materials and resources

Indoor environmental quality

LEED Features

LEED-NC Certification Levels

Certified Level	26 - 32 points
Silver Level	33 - 38 points
Gold Level	39 - 51 points
Platinum Level	52 - 69 points



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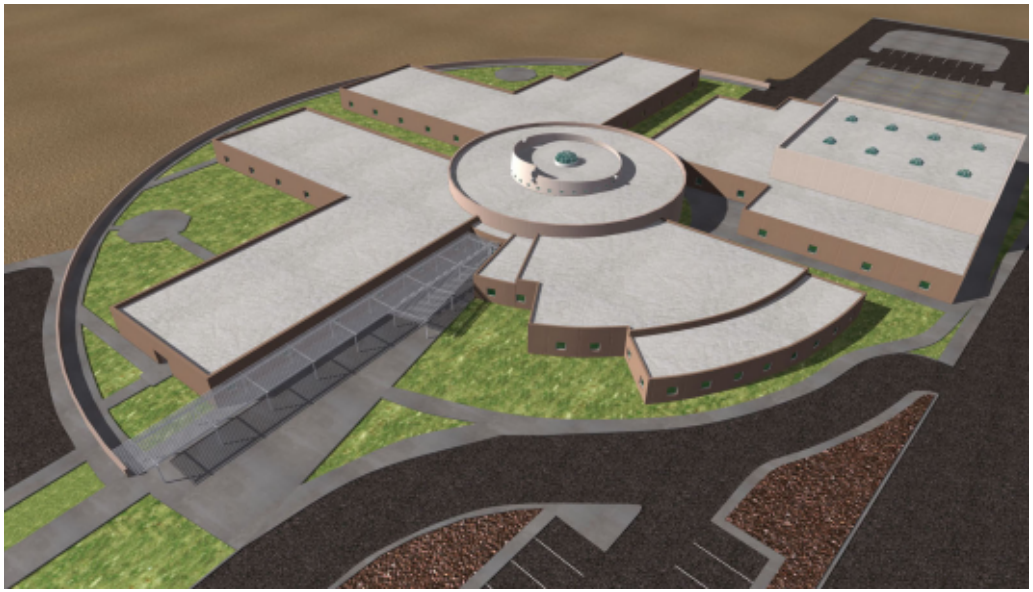
Baca/Dlo’ay azhi Replacement School ~ Prewitt, NM



Project Highlights

Low-flow fixtures (30% Savings)
Local Materials
Recycled Content Materials
Recycling Facility Planning
Green Housekeeping
Carbon Dioxide Monitoring
Individual Airflow & Temperature
Low-emitting Paint & Carpet
View Connection to Outdoors
Sustainable Educational Facility
Electric Vehicle Recharging Stations
Green-e Power Contract

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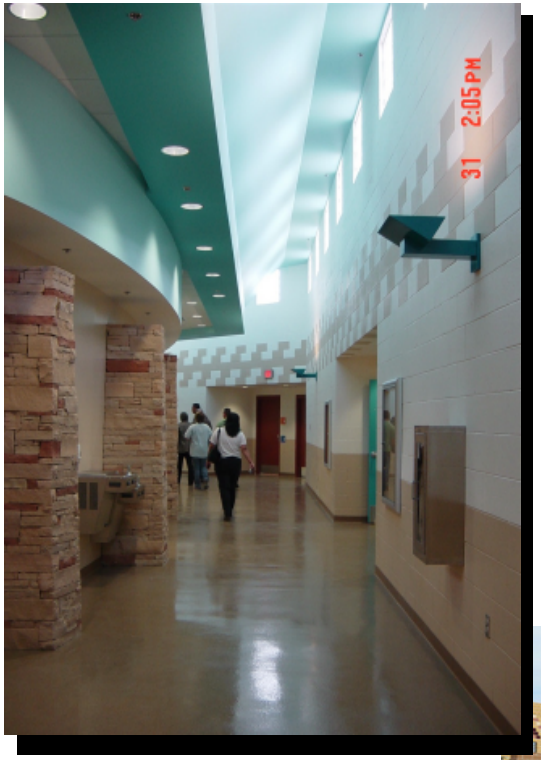
First Mesa Elementary School ~ Polacca, AZ



- 78% waste diverted from landfill
- 15% energy efficiency over a baseline model
- Higher test scores and better attendance linked to extensive daylighting
- 35% water savings with low flow fixtures and low water landscaping

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LEED for Schools new rating system

- Addresses the design, construction and modernization of K-12 school buildings.
- Scheduled to launch Summer 2007 and focuses on:

Children's Health – fresh air exchange and the use of low-emitting interior finishes and furnishes to ensure indoor air quality

Site planning - common spaces (gymnasium, auditorium, cafeteria, playing fields, etc.) made available and to the public, dedicated bike lanes on school property and a site master plan that includes present and future construction

Educational spaces – attention to daylighting, acoustic performance and thermal controls to ensure quiet, well-lit, comfortable learning environments

Green High-Performance Schools:

non-toxic materials

- Reduce absenteeism

According to the US Environmental Protection Agency, as many as one half of the nation's 115,000 schools have problems related to indoor air quality. Poor indoor air quality can trigger asthma attacks, spread disease, expose occupants to toxic substances, and cause drowsiness, headaches, and dizziness.

"A 2005 Turner Construction survey of green buildings found that 70 percent of school districts with green schools reported reduced student absenteeism and improved student performance."

Green High-Performance Schools:

daylit classroom

- Improve Academic Performance

"Students in classrooms with the most daylight progressed 20% faster on math tests and 26% faster on reading tests compared to students in classrooms with the least amount of daylighting"

- California School District

"Situations that compromise student focus on the lessons at hand, such as reverberant spaces, annoying equipment sounds, or excessive noise from outside the classroom have measurable negative effects on learning rates."

- Heschong 2003 School Survey

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Green High-Performance Schools:

student recycling program

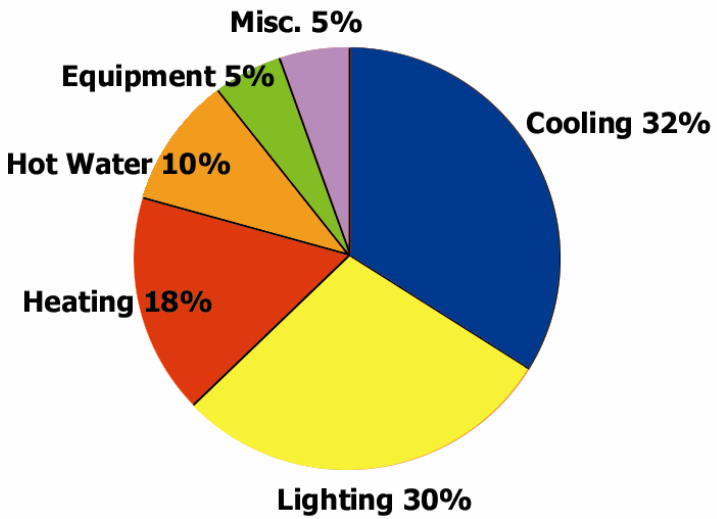
- Teach Community Values

"In what is surely an important message for students and adults alike, a high performance green school teaches about the value of looking at the big picture—weighing one's decisions in relationship to their long-term implications."

- Northeast Sustainable Energy Association

living machine

Green High-Performance Schools:



Typical School Building Energy Loads

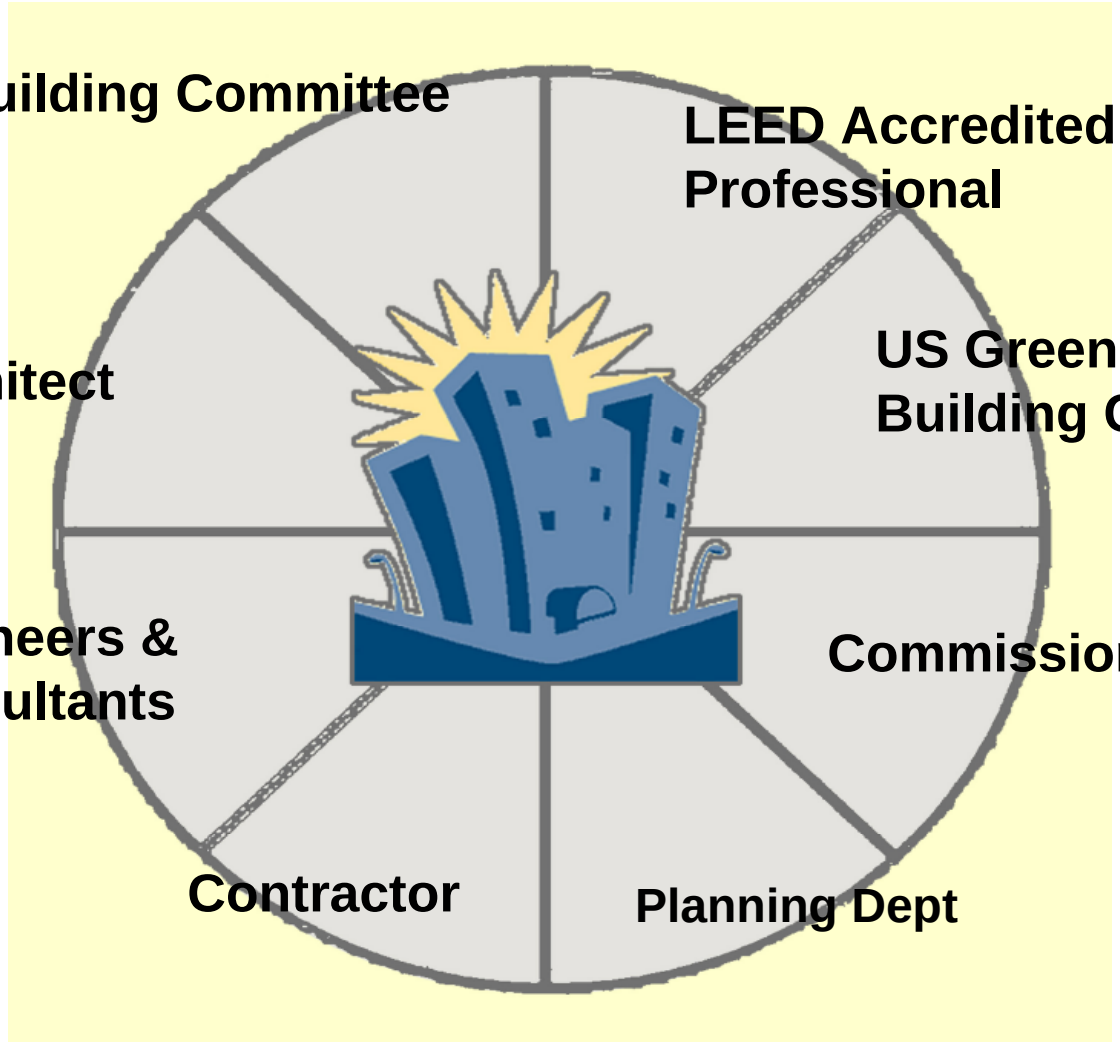
- Reduce maintenance & operation costs

"In a recent study published by Capital E, researchers found that building green saves the average school $100,000 per year - enough to hire two additional full-time teachers."

"Many high-performance schools built over the past several years are realizing energy savings of 40% or more."

-Alex Wilson, President,
Building Green Inc.

The LEED Design Team



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LEED Critical Items by Phase

PRE-DESIGN - LEED™ Overview and Advisement

SCHEMATIC DESIGN - LEED™ Intent Assessment & Recommendations

DESIGN DEVELOPMENT - LEED™ Review & Clarification

CONSTRUCTION DOCUMENTS - LEED™ Verification & Coordination

CONSTRUCTION - LEED™ Assistance

LEED APPLICATION PHASE - LEED™ Collection & Submission

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