



POUDRE SCHOOL DISTRICT

“Buildings That Teach”

**Kentucky High Performance School Buildings Workshop
Frankfort, Kentucky
May 10-11, 2005**

**When education is discussed, it is usually
in the context of Student Performance,
Teacher Accountability,
School Funding or Failing Infrastructure.**

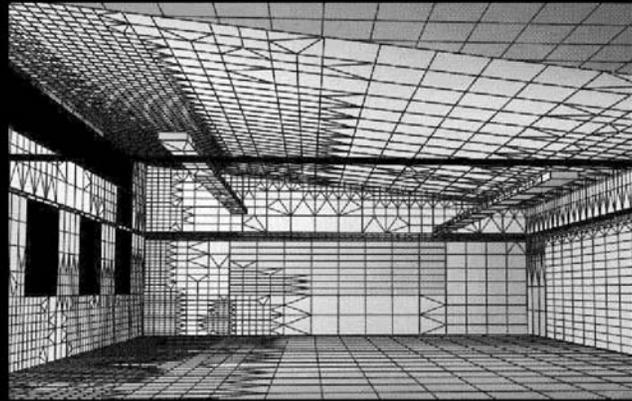


Rarely about the

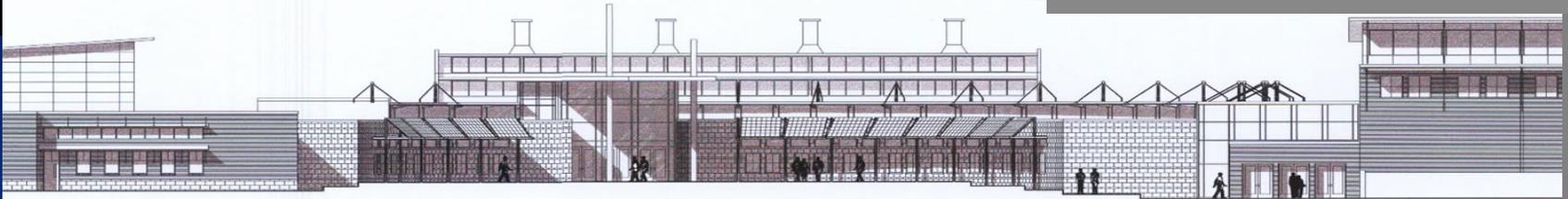


building environment.....

....or innovative and engaging designs...



COMPUTER STUDY MODEL OF LIGHTING IN TYPICAL PROPOSED CLASSROOM

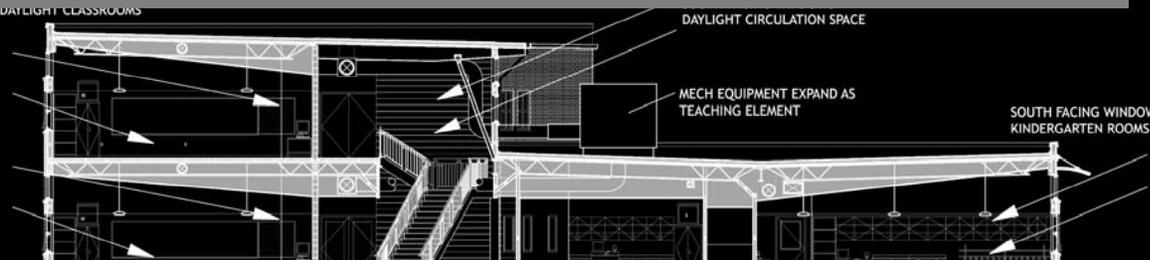


DAYLIGHT CLASSROOMS

DAYLIGHT CIRCULATION SPACE

MECH EQUIPMENT EXPAND AS
TEACHING ELEMENT

SOUTH FACING WINDOWS DAYLIGHT
KINDERGARTEN ROOMS



....that can have a positive affect on education

At Poudre School District, our mission is to
“ Educate every student, Every Day”.

In that process, we have had the opportunity to educate
not only our students, but also ourselves,
in the areas of:

Energy Management
Sustainable Building Practices
Integrated Design
Environmental Stewardship
Conservancy



Cutting Edge Educational Facilities....



Not **Bleeding** Edge!

June 2000

Poudre School District is committed to providing quality public education should provide the highest quality. At Poudre School District, we have embraced these values, making environmental stewardship one of the *Sustainable Design Guidelines* for all new facilities and the renovation of existing facilities.

As stewards of the natural environment, we are committed to building better schools. We believe that by working together, we can build higher performance schools that provide a superior learning environment through the conservation of energy and natural resources.

We recognize that sustainable design may require a fundamental shift from certain aspects of conventional design and construction. However, we stand committed to sustainable design and are confident it will yield positive outcomes for our students and the community. Poudre School District is excited about this new direction. We look forward to working with you to achieve our goals of designing, building, and learning from sustainable schools.

Sincerely,

Don Unger, Ph.D.

Superintendent of Schools

*Poudre School District is committed to being a responsible steward of our natural resources..... We believe that by working together in an integrated approach, we can build higher performance schools that provide a **superior learning environment....***

“Superior Learning Environments” Require Commitment



“Buildings that Teach”



Learning from the Classroom



COMPUTER STUDY MODEL OF CLASSROOM

Media Center



Flex Room / Cafeteria



Condiment Delivery System...



Gymnasium



Gymnasium

Buildings That Teach



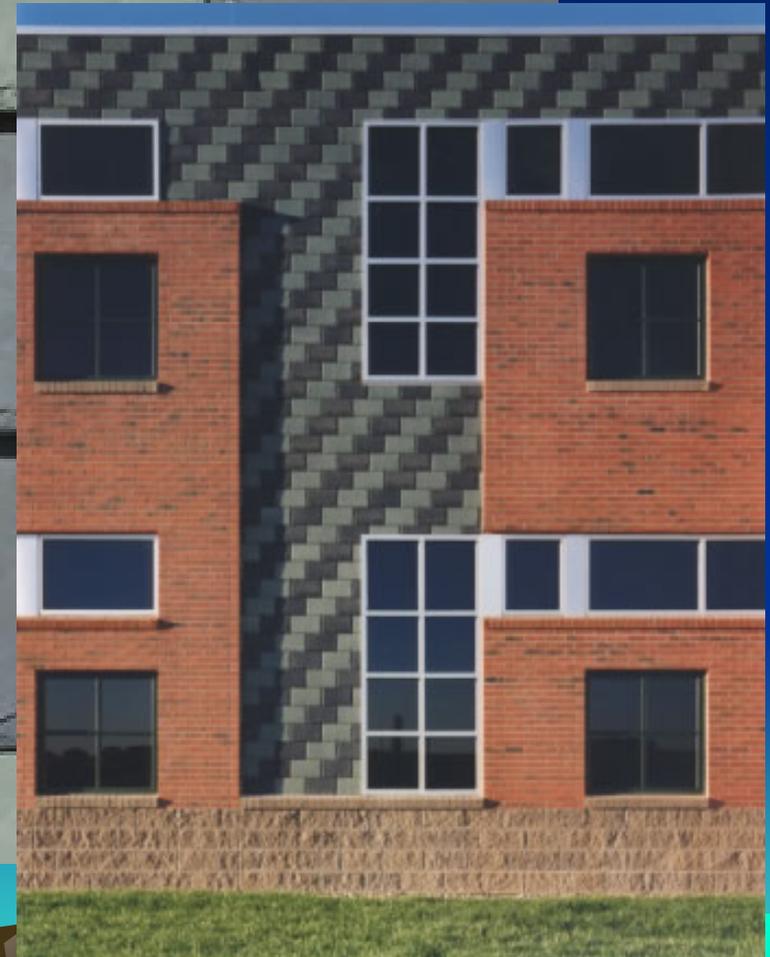
Zach Elementary Building Operation Kiosk



Engaging Sustainable Finishes



Shingles from Engine Gaskets



Gravelpave²



Texture and Color



Wind Powered



“Zach ES is the first school to subscribe to the Fort Collins Utilities Wind Power Program. The district is purchasing 100 percent wind energy at the school.”



Other PSD Buildings:

Operation Building

Bacon Elementary

Fossil Ridge High School

Kinard Junior High (Under Construction)

Students “Rocky’d On” and are Recognized

“Awards not only recognize and draw attention to excellence, they are a proven way to encourage and inspire thinking beyond convention and exploration of new ways and means.”

Holcim Foundation Awards for Sustainable Design Competition

School Running on Wind

“Students help to power Rocky on wind energy for a month.”

Fort Collins Coloradoan - April 11, 2005

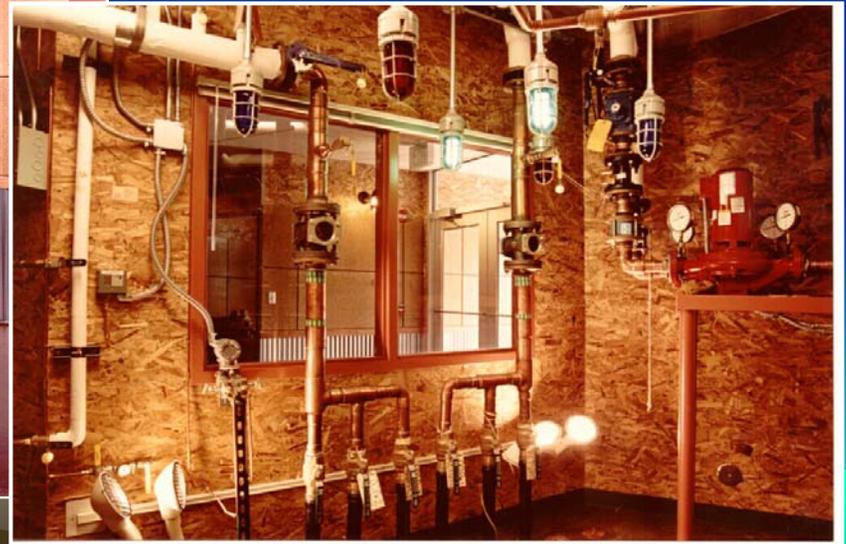
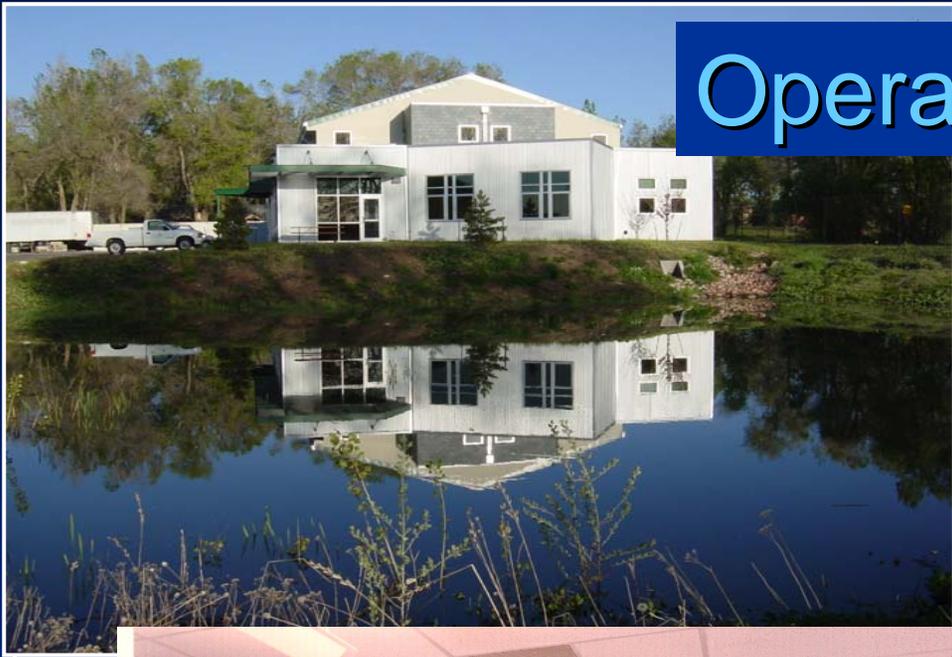
RMHS Students Buy Wind Energy

PSD Web Site – News & Events

Rocky Mountain High School's Environmental Club students and teacher saved about \$1,000 in electric utilities last year by championing their school's 'Energy Rules' energy rebate program, and decided to use the rebate along with matching funds from PSD to purchase wind power to operate their school in April in celebration of the 35th anniversary of Earth Day 2005. RMHS received a district-wide award for energy conservation in both the Spring of 2003 (\$3000) and Spring of 2004.

“The money we will spend for the wind power is from 2003, and the students decided to direct this money to wind power, which is just outstanding,” says Dave Swartz, RMHS science teacher.

Operation Services Building





POUDRE SCHOOL DISTRICT

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