



**Green School Building**  
New Construction

# Erie High School

*Erie, Kansas*

**PBA Architects**

**PBA ARCHITECTS**

1133 E. Second Street  
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Deborah Fischer Stout  
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**DESIGN TEAM**

Clark Simpson,  
Project Manager  
Allan Milbradt,  
Firm Principal

**OWNER/CLIENT**

Consolidated Unified School  
District No. 101  
Erie, KS

Michael Carson,  
Superintendent  
620/244-3264

Type of School  
and Grades Served:  
High School, 9-12

Capacity: 280 students

Size of Site: 72 acres

Area of Building:  
107,750 square feet

Volume of Building:  
2 million cubic feet

Space per Student:  
385 square feet

Cost per Student: \$57,477

Square Foot Cost: \$149

Cost of Construction:  
\$16.1 million

Total Project Cost: \$18.8 million

Contract Date: Nov. 2007

Completion Date: Dec. 2009

Percent of Completion: 10%



PROJECT-BASED LEARNING AREA



SITE PERSPECTIVE



MAIN ENTRY

RENDERINGS: SHON SINGSBY, PBA ARCHITECTS

**P**roject-based learning has been the driving force behind a new 21st-century high school design that engages students in a rigorous and relevant learning experience. It will be an inviting place where students are anxious to work and reluctant to leave.

The design focuses on the students' learning styles, with large areas that contain individual workstations. Yet through transparency, it

allows for collaboration among students and staff, whether they work together in seminar rooms or in smaller settings. The open design encourages students to utilize resources in the library, theater, art lab, science labs, or vocational areas. As one of the first LEED-certified project-based learning high schools in the United States, the structure itself also serves as an environmental teaching tool.

Donated by a philanthro-

pist, the site is located in an empty field north of town and contains a couple of ponds that will be developed into a nature park and trails. With bar-joint roof framing, the structure has a brick-and metal-panel veneer, while the HVAC system is a geothermal heat pump consisting of well fields that provide a heat source/heat sink for water-air heat pumps located throughout the school building. ■