



**Green School Building**  
New Construction

**MOSELEY ARCHITECTS**

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James McCalla, AIA  
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**DESIGN TEAM**

James McCalla, AIA,  
Managing Principal  
Kenbridge Construction,  
General Contractor

**OWNER/CLIENT**

Hanover County Public Schools  
Ashland, VA

Dr. Stewart D. Roberson,  
Superintendent  
804/365-4500

Type of School and  
Grades Served:  
Elementary School, K-5

Capacity: 750 students

Size of Site: 53 acres

Area of Building:  
90,448 square feet

Space per Student:  
120.6 square feet

Cost per Student: \$17,333

Square Foot Cost: \$144

Cost of Construction:  
\$13 million

Total Project Cost:  
\$17 million

Completion Date: Sept. 2006

Percent of Completion: 100%

# Kersey Creek Elementary School

*Mechanicsville, Virginia*

**Moseley Architects**



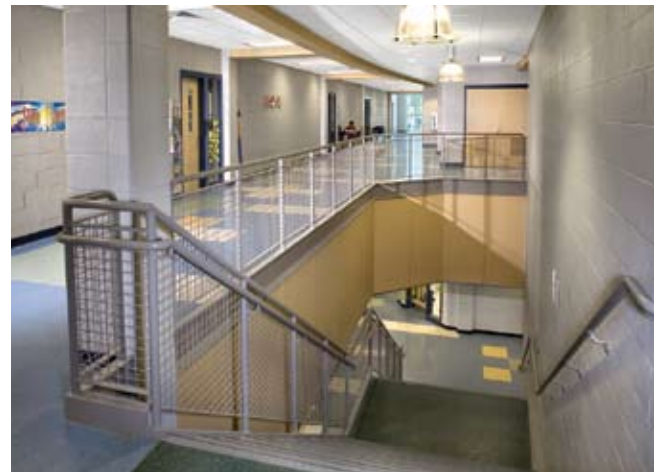
FRONT EXTERIOR

**K**ersey Creek Elementary School consists of 90,000 square feet, and is a two-story state-of-the-art elementary school designed to serve 900 students in a very compact floor plan, reserving an area of open space equal to the building footprint. The looped hallways provide an efficient circulation pattern, making effective use of the small footprint. The design utilized multiple sustainable design principles while meeting the school system's need for a prototypical and economical design. The school is designed to save operations and management dollars in many ways. Daylighting opportunities were maximized through proper site orientation.

This high-performance facility has been certified with the U.S. Green Building Council as a LEED Silver building. It is Hanover County's first LEED-certified building and the second elementary school in Virginia to earn the LEED certified designation. Many strategies selected as part of the LEED process are integrated



SIDE EXTERIOR—BUS LOOP



STAIRWELL

into the school's curriculum, allowing the high-performance design elements of the building to be used as a teaching tool in a cross-curricular man-

ner. The designers have created a school where students can learn about energy savings and become more environmentally aware. ■

PHOTOS: LEE BRAUER PHOTOGRAPHY