



John Jay High School

Cross River, New York

Entire School/Campus Building

Renovation/Addition/
Restoration

KG&D Architects & Engineers, PC

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& Engineers, PC**

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DESIGN TEAM

Russell A. Davidson, AIA,
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Erik A. Kaeyer, AIA,
Design Principal

Calvin L. Black, PE,
Principal-for-Construction

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Project Architect

Susan D. Davidson, ASID,
Interior Designer

Sarka Leff, PE, Civil Engineer

OWNER/CLIENT

Katonah Lewisboro
Public Schools
Katonah, NY

Dr. Robert Lichtenfeld,
Superintendent
(914) 763-7003

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

Capacity: 1,500 students

Area of Building:
31,260 square feet

Square Foot Cost: \$211

Construction Cost: \$6.6 million

Total Project Cost: \$7.2 million

Contract Date: 2002

Completion Date: 2006

Percent of Completion: 100%



EXTERIOR OF CLASSROOM ADDITION

The major elements of this new classroom wing include universal science labs, general classrooms, small group instruction rooms, an administrative conference area, and new window walls in the original 1950s building. In addition to meeting the program goals, the design presents a cohesive building with improved travel paths inside, and a beautiful, unified exterior appearance, despite being the third building addition for this facility.

The proximity of the existing campus loop road dictated a single loaded corridor addition. The classrooms are located on the courtyard side for an internal symbolic focus, but functionally for reduced heat gain within each classroom over the course of the day.

A challenge of the sloping site was connecting the two existing academic buildings of different physical elevations while maintaining direct access to a new courtyard and accommodating the grounds crew and emergency classroom egress. The solution

incorporates a glass and steel bridge at the upper level, which, after passing through a solid mass, penetrates the

exterior to form a dramatic niche for informal socialization and a framed view of the wooded backdrop. ■



FIRST FLOOR CORRIDOR



BRIDGE CONNECTOR

Photos: David Lamb Photography 2006