



EARLY CHILDHOOD SCHOOL/ELEMENTARY SCHOOL

James Monroe Elementary School Edison, NJ

The James Monroe Elementary School is a two-story, 67,000 SF facility constructed on the site of the former school which was destroyed in a fire March 2014. Returning displaced students back to their own school and restoring a community was a top priority for the district and LAN. The new 21st-century learning facility is designed to provide modern classrooms filled with daylight and embraces flexible learning environments.

The school provides instructional spaces designed around components of holistic design (flexibility, connection, light, choice, complexity, and color) to increase student performance. Color theory was employed to provide calming learning environments in classrooms, breakout spaces, and corridors.

The school was constructed with a secure community wing for after-school programs open to the neighborhood. The overall footprint of the school is similar to that of the former facility in order to take advantage of existing utility connections, site improvements, and to lessen the impact on its neighbors. To fast-track construction, walls were factory produced with prefabricated metal stud walls and exterior walls were then clad in masonry and insulated metal panels. The school is integrated with the latest green technologies and development techniques to reduce overall energy consumption and meet LEED certification requirements.



New Construction/Addition Entire school/campus building

LAN Associates

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Kim Vierheilig
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DESIGN TEAM

Kenneth Karle, Principal-in-Charge, PE, AIA, PP,
LEED AP

Kim Vierheilig, Design Architect, AIA, LEED AP BD+C
James Chen, Project Manager
Matthew Fink, Project Architect, AIA, LEED AP BD+C
Tom Wighard, PE, Mechanical Engineer
David Pereira, Construction Administrator

OWNER/CLIENT

James Monroe Elementary School
Edison, NJ
Dr. Richard O'Malley, Superintendent
732/452-4900

KEY STATS

Grades Served: K-5
Capacity: 684 students
Size of Site: 6.95 acres
Building Area: 67,800 gsf
Space per Student: 99 sq. ft.
Cost per Student: \$29,970
Square Foot Cost: \$302
Project Cost: \$20,500,000
Completion Date: September 2016
Sustainability Rating Status: Designed for LEED Certification

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