



Entire School/
Campus Building
New Construction

**FULLER AND D'ANGELO, PC,
ARCHITECTS AND PLANNERS**

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DESIGN TEAM

Joseph Fuller Jr. AIA,
Principal-in-Charge
Said Zomorrodian,
Director of Design
William J. Means, RA,
Project Architect
Altieri Sebor Wieber,
Mechanical/Electrical Engineers
Nachman Engineering,
Structural Engineers
Tighe & Bond, Civil Engineers

OWNER/CLIENT

City of Stamford
Dannel P. Malloy, Mayor
Benjamin Barnes,
Director of Operations
Louis Casolo Jr. PE, City Engineer
Dr. Joshua Starr,
Superintendent of Schools
203/977-4543
Paul Gross, Principal
203/977-4336

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

Capacity: 650 students

Size of Site: 29.8 acres

Area of Building:
125,000 square feet

Volume of Building:
1.5 million cubic feet

Space per Student:
192 square feet

Cost per Student: \$53,800

Square Foot Cost: \$280

Cost of Construction: \$35 million

Total Project Cost: \$42 million

Contract Date: Aug. 2005

Completion Date: Sept. 2007

Percent of Completion: 100%

HIGH SCHOOLS

Academy of Information Technology & Engineering

Stamford, Connecticut

Fuller and D'Angelo, PC, Architects and Planners

The city's requirements included a program for a specialty information technology magnet school, a 650-student grades 9 through 12 facility. This 125,000-square-foot building has three stories that are all connected by a tapering main cantilevered staircase in the atrium. It consists of 40 classrooms, five science labs, seven varying computer labs, music suites, a media center, wellness center, digital arts, atrium, amphitheater, and 350-seat cafeteria.

Our firm took the design of the school to what we feel are valid limits, to attract students of technology, architecture, engineering, the sciences, and related fields.

Due to a footprint squeezed among an existing school, its traffic flow, and flood plain line, the building's siting was difficult. The structure is a teaching tool in itself with its dynamically shaped exterior and an interior with a partially exposed steel frame system.

The school employs the latest energy thermal storage system, harvesting and storing cold energy during low demand, evening hours and releasing it for daytime use to save considerable operating costs. The energy consumption is further reduced by use of sun-shading devices along with related control of artificial illumination and window shading.

The infrastructure for the information network comprises a fiber optic backbone and wireless technology, using zoned areas to guide the students' curriculum. ■



MAIN ENTRANCE



ATRIUM



LIBRARY

PHOTOS: FULLER AND D'ANGELO, PC, ARCHITECTS AND PLANNERS