



School Community  
Center/Joint Use Facilities  
Renovation/Addition/  
Restoration

**USA ARCHITECTS PLANNERS +  
INTERIOR DESIGNERS, PA**  
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**JOSEPH JINGOLI & SONS, INC.**  
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Dennis Mockaitis,  
Sr. Vice President

**DESIGN TEAM**

Paul Swartz, AIA, CEO,  
Principal-in-Charge, USA

Jessica Pisapia Margulies, AIA,  
Project Manager, USA

Ray Boyce, Construction  
Administrator, USA

O'Donnell & Naccarato,  
Structural

PMK Group,  
Civil, Environmental, MEP

**OWNER/CLIENT**

Trenton Public Schools  
Trenton, NJ

Dwayne Mosely, Director  
609/656-4900

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

Capacity: 1,500 students

Size of Site: 40,422 square feet

Area of Building:  
112,020 square feet

Volume of Building:  
7.3 million cubic feet

Space per Student:  
56 square feet

Cost per Student: \$16,823

Square Foot Cost: \$226

Cost of Construction:  
\$25.2 million

Total Project Cost: \$31.9 million

Contract Date: Sept. 2005

Completion Date: Aug. 2008

**HIGH SCHOOLS**

# Daylight/Twilight High School

## Trenton, New Jersey

USA architects planners + interior designers, PA



FRONT ENTRANCE

**D**aylight/Twilight High School is a new demonstration school with a mission to incorporate community components and serve as a catalyst for private investment to revitalize urban communities by creating an urban, college-type campus bringing together various community-based learning institutions. Both private and public interest groups, including the New Jersey School Development Authority, have banded together to help fund the construction, as well as the community-based programs of the school.

The project involved the transformation of two historically significant vacant five-story buildings, connected by a new three-story in-fill addition. The design team maintained the integrity of the existing buildings by salvaging the exterior brick walls and replacing the windows with historic replications. The new in-fill addition is clad with stone face concrete masonry, metal and pre-cast. The building is sustainable, designed with features such as



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solar panels, energy-efficient HVAC systems, exterior natural light, and lighting control. The high school utilizes the first three stories of the buildings, and the upper floors are used by Mercer County Community College. The school replaces an existing alternative high school program that operated

in leased facilities. The curriculum includes computer-aided design, science programs, culinary arts, cosmetology, and photographic design and reproduction. Additionally, the facility offers the community use of an art gallery space, a media center, and multipurpose meeting rooms. ■

PHOTOS: TOP, BETH SHERBY; CENTER, J. AIDAN MIROVSKY; BOTTOM, ROSS PHOTO