



Green School Building
New Construction

OWP/P

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Cannon Design
(Architect of Record)
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DESIGN TEAM

Richard H. Dewar, Principal
Trung Le, Design Principal
Tom Clune, Project Manager
Vistara Construction Services,
Owner's Representatives
Pacific Construction Services,
General Contractors

OWNER/CLIENT

Chicago Public Schools
Chicago, IL

Arne Duncan, CEO
773/553-2688

Type of School and
Grades Served:
Combined-level School, K-8

Capacity: 700 students

Size of Site: 4.5 acres

Area of Building:
104,000 square feet

Space per Student:
148.6 square feet

Cost per Student: \$28,571

Square Foot Cost: \$192

Cost of Construction:
\$20 million

Total Project Cost:
\$23 million

Contract Date: July 2004

Completion Date: Sept. 2006

Percent of Completion: 100%

GREEN | COMBINED-LEVEL SCHOOLS

Albany Park Multicultural Academy

Chicago, Illinois

OWP/P

To alleviate overcrowded schools expeditiously and provide learning environments of consistent quality, Chicago Public Schools gave OWP/P the challenge to design a proto-typical elementary school that could be used throughout the district, of which Albany Park Multicultural Academy is a result.

Large, urban school districts often face the challenge of a lack of personalized education, so OWP/P took it upon themselves to do something much more remarkable than a typical prototype plan. They developed a kit-of-parts solution that provided efficiency, but could be customized to the site context, client condition, student population, and sustainability requirements, and could support share-client programs.

Albany Park was also built to meet the U.S. Green Building Council's standards for LEED certification. The following green strategies were integrated into the design: an extensive vegetative roof system; full cut-off exterior lighting to reduce lighting spill-off and glare in the surrounding neighborhood; durable, low-maintenance materials with long re-finish cycles reducing the need to repaint walls and re-finish floors; recycled building materials, many of which are identifiable to students, such as the recycled glass in the terrazzo flooring; reflective roofing to avoid urban heat-island effect; reduced energy



EXTERIOR OF ENTRY



INTERIOR OF LOBBY



INTERIOR OF LAB CLASSROOMS

consumption; increased indoor environmental quality; and daylighting, which increases student productivity. ■

PHOTOS: JAMES STEINKAMP