



Green School Building
Renovation/Addition/
Restoration

GREENASSOCIATES, INC.

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DESIGN TEAM

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Senior Project Coordinator

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Indre Dabkute,

Project Team Member

OWNER/CLIENT

Skokie School District 73 ½
Skokie, IL

Kate Donegan, Superintendent
847/673-1220

Type of School
and Grades Served:
Middle School, 6-8

Capacity: 400 students

Size of Site: 4.9 acres

Area of Building:
23,330 square feet

Volume of Building: 304,600
cubic feet (addition only)

Space per Student: 58.3 square
feet (addition only)

Cost per Student: \$14,609

Square Foot Cost: \$250

Cost of Construction:
\$5.8 million

Total Project Cost: \$7 million

Contract Date: Nov. 2007

Completion Date: Aug. 2008

Percent of Completion: 100%

Oliver McCracken Middle School

Skokie, Illinois

GreenAssociates, Inc.



TECHNOLOGY ROOM



BAND ROOM



WEST ELEVATION

PHOTOS: HOWARD KARLAN

The school's irregularly shaped site was already 95 percent used. A two-story solution was therefore necessary to provide sufficient area for the district's programmatic and functional needs.

The addition includes three science classrooms with prep areas, a server room, a multipurpose room, a computer lab, a video room with remote control booth, a band room with storage and practice areas, rest rooms,

and a circulation nexus that serves as a small assembly area as well as a display space for arts and athletics. School offices are consolidated in a new suite with direct access to the school's parking lot.

The exterior blends seamlessly with the existing building. The first-floor is slab on grade, with load-bearing masonry walls and steel columns supporting a concrete-plank second floor and roof deck.

Interiors are ground-face

block, brick, stone, and dry-wall. Ceilings are acoustic tiles with drywall soffits. Except for the carpeted music suite, flooring is vinyl composition tile.

A forced-air HVAC system ties into the existing mechanical plant. T5 fluorescent bulbs and motion-activated switches are used throughout. The roof showcases an indigenously planted living green roof along with solar thermal and photovoltaic panels. ■