



Green School Building
New Construction

**TMP ASSOCIATES, INC.,
MITCHELL AND MOUAT
ARCHITECTS, INC.**

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**MITCHELL AND MOUAT
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DESIGN TEAM

Nick McGee, AIA,
Project Manager

Gary Jelin, AIA, Design Principal

Eric Sassak, AIA, LEED AP,
LEED Manager

Richard Mitchell, AIA,
Principal-in-Charge

John Castellana, FAIA,
Educational Planner

Andrea Angers, IIDA, LEED AP,
Interior Designer

OWNER/CLIENT

Ann Arbor Public Schools
Ann Arbor, MI

Dr. Todd Roberts, Superintendent
734/994-2200

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

Capacity: 1,600 students

Size of Site: 110 acres

Area of Building:
367,742 square feet

Volume of Building:
7.5 million cubic feet

Space per Student:
229 square feet

Cost per Student: \$41,835

Square Foot Cost: \$182

Cost of Construction:
\$66.9 million

Total Project Cost: \$93.2 million

Contract Date: May 2004

Completion Date: April 2008

Percent of Completion: 100%

GREEN | HIGH SCHOOL

Skyline High School

Ann Arbor, Michigan

TMP Associates, Inc., Mitchell and Mouat Architects, Inc.



SOUTHWEST VIEW



STUDENT COMMONS



MAGNET CLASSROOM

PHOTOS: TOP, FRED GOLDEN PHOTOGRAPHY; BOTTOM LEFT & BOTTOM RIGHT, CHRISTOPHER LARK, PHOTOGRAPHER

Program features: Design of the new Skyline High School focuses on preservation of natural resources and creation of a high-tech environment for students. Unique features include four magnet classrooms offering specialized learning environments with real-world applications. A dining commons, gymnasiums, auditoriums, and a natatorium are “high bay” areas. Unique features include four smaller learning communities, an outdoor classroom, and a sculptural roof-mounted turbine.

Site considerations: The 368,000-square-foot school sits on a 110-acre wooded site, occupying only 65 acres. Before construction, an amphibious pond was relocated with the help of local environmentalists. The football stadium fits into a lower portion of the site, and the lack of a permanent irrigation system helps maintain a harmonious site for people, wildlife, and the natural landscape.

Technical information: The design includes a horizontal-loop geothermal heating and cooling system.

With structural-steel-frame construction, building elements include brick veneer; decorative masonry units; ribbed steel panels; tinted high-performance glass; and a combination of recycled sheet rubber, wood, carpet, cork, and vinyl composition tile flooring. Technology includes a wireless LAN, Internet, classroom sound-field amplification systems, and ceiling-mounted LCD projectors. The school is registered with the U.S. Green Building Council and has been submitted for LEED certification. ■