



Green School Building
New Construction

THE COLLABORATIVE INC.

500 Madison Ave.
Toledo, OH 43604
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Ray Micham, AIA, LEED AP
419/242-7405

DESIGN TEAM

Paul R. Hollenbeck, AIA,
Partner-in-Charge
Ray D. Micham, AIA, LEED AP,
Project Manager
Lisa Crawford-Nusser, IIDA, LEED
AP, Interior Designer
Anne E. Yager, ASLA,
Landscape Architect
Dion Harris, Associate, ASLA,
Landscape Designer
Dave Serra,
Construction Administrator

OWNER/CLIENT

Edison Community College
Piqua, OH
Brent Adkins,
Director, Physical Plant/Facilities
937/778-7961

Type of School and
Grades Served:

College, Post-secondary

Capacity: 1,624 students

Size of Site: 8 acres

Area of Building:
35,671 square feet

Volume of Building:
595,362 cubic feet

Space per Student:
21 square feet

Cost per Student: \$3,646

Square Foot Cost: \$166

Cost of Construction:
\$5.9 million

Total Project Cost:
\$7.6 million

Contract Date: Aug. 2004

Completion Date: April 2007

Percent of Completion: 100%

Edison Community College

Piqua, Ohio

The Collaborative Inc.



ENTRY ELEVATION



BRIDGE LOUNGE



CYBERCAFÉ

Edison Community College and The Collaborative Inc., architects, landscape architects, and interior designers, teamed to create the new Regional Center of Excellence (RCE)—which matches sustainable goals with the college’s programming, aesthetic, and budgetary needs. The result is a LEED-registered, 35,700-square-foot building with a technology-rich health sciences center, cybercafé, library, and lounge spaces.

Sited on the edge of a pond, with long south-facing glass, the RCE offers

broad views of the campus green. An appropriately sized overhang provides seasonal shading—allowing winter heat gains while shielding the summer’s direct rays, and providing year-round natural daylight. This deep, knife-like, cantilevered overhang doubles as the building’s most dominant architectural gesture.

The design team introduced masonry Trombe walls in the main program lobby. These massive heat sinks collect energy from the winter sun during the day and become passive radiators at night. The monolithic pres-

ence of these Trombe walls became the principal interior aesthetic driver.

The surrounding ponds and landscaping aesthetically complement the building, while also mitigating and reducing the effect of stormwater. Additional environmentally minded elements include automated building controls, a light-reflecting cool roof, enhanced building envelope design, and high-efficiency equipment. These measures are expected to increase energy performance 30 percent beyond current code regulations. ■

PHOTOS: TOP & BOTTOM LEFT, INFINITY STUDIO; BOTTOM RIGHT, THE COLLABORATIVE INC.