



"Green" School Building
New Construction

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DESIGN TEAM

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OWNER/CLIENT

St. Louis Community College
St. Louis, MO
Dr. Henry Shannon, Chancellor
(314) 539-5290
Type of School and
Grades Served:
College, Post-secondary
Capacity: 1,125 students
Size of Site: 66 acres
Area of Building:
75,600 square feet
Volume of Building:
1.2 million cubic feet
Contract Date: August 2005
Completion Date: April 2007
Percent of Completion: 55%

St. Louis Community College at Wildwood

Wildwood, Missouri

Wm. B. Ittner, Inc.

The project is the first phase of the development of a new St. Louis Community College campus. The building accommodates the diverse academic program of a full-service college facility, including electronic classrooms, computer labs, a science lab, an art studio, and support areas. The design expresses the college's evolution as a nationally recognized, progressive academic institution. This is partly accomplished by motifs reminiscent of Gothic colleges, such as the stone masonry arcade and the vertically striated façade treatment. Features such as the central atrium roofed by two asymmetrical, concentric barrel-vaults, express the college's innovative spirit.

Consistent with the college's values, the project will achieve LEED certification, addressing the full spectrum of green building issues. Resource efficiency is supported by innovative features such as integral brick water cisterns that anchor each building wing. Optimal energy performance is integrated with features supportive of occupant well-being. Ceiling fans facilitate uniform distribution of air. Artificial lighting is automatically balanced with variations in natural light, maximized by a fenestration scheme of T-shaped windows with sunscreens and interior light shelves. Other sustainable features include the building's east-west solar orientation, and a green roof accessible from the central atrium. ■



WEST ELEVATION UNDER CONSTRUCTION



CISTERN USED FOR RAINWATER



GRAND STAIRCASE

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