



Entire School/
Campus Building
Renovation/Addition/
Restoration

GMB ARCHITECTS-ENGINEERS

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Christina Baer
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DESIGN TEAM

David Wilkins, AIA, NCI,
Principal-in-Charge
David Bolt, AIA, LEED AP,
Project Architect
Trent DeBoer, PE,
Mechanical Engineer
Aron Bazen, Electrical Engineer
Patricia Ophoff, Interior Designer
Tim Gerrits, ASLA, LEED AP,
Landscape Architect

OWNER/CLIENT

Hudsonville Public Schools
Hudsonville, MI

Roxanne DeWeerd,
Superintendent
616/669-1740

Type of School
and Grades Served:
Elementary School, K-5

Capacity: 500 students

Size of Site: 6 acres

Area of Building:
27,504 square feet, New /
30,059 square feet, Remodel

Volume of Building:
978,571 cubic feet

Space per Student:
105 square feet

Cost per Student: \$13,450

Square Foot Cost: \$117

Cost of Construction:
\$6.7 million

Total Project Cost: \$8 million

Contract Date: April 2004

Completion Date: Aug. 2007

Percent of Completion: 100%

EARLY CHILDHOOD & ELEMENTARY SCHOOLS

Jamestown Elementary School

Hudsonville, Michigan

GMB Architects-Engineers



OVERALL



MAIN ENTRANCE LOBBY



CAFETERIA

PHOTOS: BILL LINDHOUT PHOTOGRAPHY

Taking the opportunity to renovate an elementary school allowed for creating a sustainable environment while updating the appearance of the building, which is set in a confined corner of a larger campus. A major relocation of a wetland allowed for expanding both the building and the playfields and creating a new building entry for better internal campus connectivity while minimizing traffic flow through the residential neighborhood.

The major activity spaces were expanded around a new centrally located office to create a core of shared functions that are used by the community in off-school hours and sequestered from the surrounding grade-level wings. A new entry creates much-needed gathering space and connects new spaces with existing ones while bringing daylight into the building.

An expansion of the media center included a computer lab and a reading

corner with large windows scaled to create an intimate atmosphere. The existing gymnasium was renovated into a multipurpose space/cafeteria with clerestory windows with shade controls to maximize flexibility and appearance.

A geothermal well-field sits below the new playfield and allowed the entire building to be retrofitted with a high-efficiency vertical heat-pump system, saving the district up to 30 percent in energy costs per year. ■