James M. Bennett High School

Salisbury, Maryland

Becker Morgan Group, Inc.

Green School Building
New Construction

BECKER MORGAN GROUP, INC.

Port Exchange,
Suite 300
312 W. Main Street
Salisbury, MD 21801
www.beckermorgan.com

Brad A. Hastings, AIA
410/546-9100

DESIGN TEAM

Morabito Consultants, Inc.,
Structural Engineer

Gipe Associates, Inc.,
Mechanical, Electrical,
Plumbing Engineer

Nyikos Associates, Inc.,
Kitchen Consultant

Acentech, Inc.,
Acoustical Consultant

OWNER/CLIENT

Wicomico County
Public Schools
Salisbury, MD

Thomas Field,
Interim Superintendent
410/677-4599

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

Capacity: 1,496 students

Size of Site: 72 acres

Area of Building:
247,136 square feet

Volume of Building:
4.4 million cubic feet

Space per Student:
165 square feet

Cost per Student: $42,447

Square Foot Cost: $257

Cost of Construction:
$63.5 million

Total Project Cost:
$73.9 million

Contract Date: Feb. 2008

Completion Date: 2010

Percent of Completion: 0%

NORTH ELEVATION

The design for the new James M. Bennett High School is the result of a collaborative design process, providing the board of education with a new technology-rich, environmentally friendly high school, accommodating 1,496 students.

The site planning overcame constraints to allow the phased construction of the new 247,136-square-foot building adjacent to the existing high school, which will be demolished following completion of the new facility. New site circulation patterns separate buses, students, and staff/visitor traffic patterns, while providing abundant new athletic facilities.

The layout features a "main street" concept that links the building's programmatic elements, and serves as its primary orientation element. The academic classroom core anchors the east end while a wing consisting of art, music, and technical education classrooms anchors the other.

Sustainable design elements begin with the building's orientation and include a geothermal HVAC system, daylight harvesting utilizing automatic window blinds, and light control monitors. The building uses high performance glazing throughout, and sun shades for additional thermal control on southern exposures. Landscaping incorporates native, drought-resistant plants, while stormwater management is utilized by the school as an outdoor learning environment and for athletic field irrigation. ■

FRONT ENTRY

MAIN STREET CORRIDOR

PHOTOS: BECKER MORGAN GROUP, INC.