



Entire School/
Campus Building
New Construction

SHW GROUP

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Kristin Bowling
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DESIGN TEAM

Derk Jeffrey,
Managing Principal

Jim Jelliffe,
Senior Project Manager

Whitney Bailey Cox
Magnani, LLC,
Civil Engineering

Hurd & Obenchain, Inc.,
Mechanical, Electrical, Plumbing

Bovis Lend Lease,
Construction Manager

OWNER/CLIENT

Charles County Public Schools
LaPlata, MD

James E. Richmond,
Superintendent
301/934-7223

Type of School and
Grades Served:

Elementary School, Pre-K-5

Capacity: 768 students

Size of Site: 21.2 acres

Area of Building:
80,728 square feet

Space per Student:
105 square feet

Cost per Student: \$25,656

Square Foot Cost: \$244

Cost of Construction:
\$19.7 million

Total Project Cost:
\$19.7 million

Contract Date: April 2003

Completion Date: Aug. 2006

Percent of Completion: 100%

William A. Diggs Elementary School

Waldorf, Maryland

SHW Group



MAIN ENTRANCE

The William A. Diggs Elementary School design team was asked to provide a building that facilitates the educational program and allows for flexibility to adapt to the needs of the students' and staff members' educational environment. The designers intended the building to be an inviting and aesthetically pleasing school environment that reflects a child-centered educational philosophy. It accommodates changing programs, can easily incorporate technological advances, and allows for the addition of future students.

The facility provides efficient use of space and energy. It is a one-story building with a central main street as its key organizing principle. This main street connects the building's three learning villages to its centrally located support spaces. Each learning village is broken down by grade level and includes one special education classroom to ensure complete integration into the learning environment. The special education areas, administrative cluster, media center, and supportive areas are designed to facilitate and support the school's instructional programs.



COMMONS



STUDENT ENTRANCE

Construction of the building included a steel frame with brick and block veneer masonry walls and curtain wall

and storefront glazing. Interior walls block in-fill with steel stud and drywall partitions in the administrative areas. ■

PHOTOS: TOP & CENTER, JEFFREY SAURES; BOTTOM, VIDUTA RANGNEKAR, SHW GROUP