



Entire School/Campus  
Building  
New Construction

**SHW GROUP**

11415 Isaac Newton Square  
Reston, VA 20190  
www.shwgroup.com

Kristin Bowling  
571/521-7532

**DESIGN TEAM**

Derk Jeffrey,  
Managing Principal

Jim Jelliffe,  
Senior Project Manager

Whitney Bailey Cox  
Magnani, LLC,  
Civil Engineering

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

Dustin Construction, Inc.,  
Construction Manager

Brooks Cross,  
Mechanical, Electrical, Plumbing

**OWNER/CLIENT**

Charles County Public Schools  
LaPlata, MD

James E. Richmond,  
Superintendent  
301/934-7223

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

Capacity: 1,600 students

Size of Site: 88 acres

Area of Building:  
311,248 square feet

Space per Student:  
195 square feet

Cost per Student: \$25,785

Square Foot Cost: \$133

Cost of Construction:  
\$41.3 million

Total Project Cost:  
\$49 million

Completion Date: Aug. 2005

Percent of Completion: 100%

**HIGH SCHOOLS**

# North Point High School for Science, Technology, and Industry

*Waldorf, Maryland*

**SHW Group**

North Point High School for Science, Technology, and Industry is the result of an extraordinary degree of collaboration between school officials and business enterprises. It is unique in that it offers science, technology, and industry (STI) classes along with the traditional high school offerings.

The building contains a central atrium that allows natural lighting to flood throughout the halls. The design of the school accommodates the district's school-within-a-school vision. SHW Group created a two-story educational wing that houses a majority of the traditional class offerings. The designers strategically placed the STI classes throughout the school to create a sense of inclusion and to generate an environment that encourages discovery among the traditional high school students.

North Point is located within the Charles County development district. It serves as an anchor for an educational complex comprised of a middle school, elementary school, and community service complex. The location allows it to be a resource not only for the community, but also for the adjacent schools.

Construction of the building included a steel frame with brick veneer masonry walls and metal panels installed on the exterior wall. Interior walls block in-fill with steel stud and drywall partitions in the administrative areas. ■



MAIN COMMONS



MAIN ENTRANCE



MAIN COMMONS

PHOTOS: KENNETH M. WYNER