

GMB QUARTERLY UPDATE

E D U C A T I O N A L A R C H I T E C T U R E

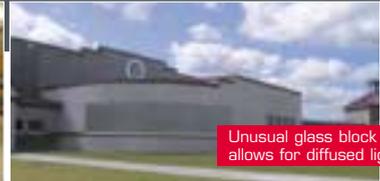


DELMARVA CHRISTIAN HIGH SCHOOL

All classrooms have TVs and computers and are connected to a server via fiber optic.



Unusual glass block wall allows for diffused light.



- **PROJECT TYPE:**
Private High School
- **PHASE 1**
120,000 sq. ft.
500 students
21 classrooms
Tech Center:
4,000 sq. ft.
- **PHASE 2**
90,000 sq. ft.
500 students
12 classrooms
- Masonry/Steel Construction
- Metal Truss Roof System
- Design/Build Team:
GMB & Robin James Construction



Hallways are 10 feet wide allowing for ease of movement.



Separate building on campus houses tech center.



Bold purple roofing emphasizes school color.



GMB specializes in architectural and engineering services from wastewater treatment to marine engineering, residential custom homes to commercial office buildings, and development to municipal services. As a prospective client, we hope this update will serve as a reminder that GMB is available to meet your architectural and engineering goals.

■ SITUATION

Small private Christian schools have always struggled to provide the challenging curriculum, programs and funding necessary for today's student. In response to this problem, a committee formed to determine the feasibility of building a single Christian high school for the entire county.

Delmarva Christian High School was developed with the idea of providing a strong non-denominational Christian education with a college-preparatory academic program, as well as technical courses in business, pre-engineering and culinary arts, among others. Heavily supported by community businesses and citizens, the committee elected a Board of Directors and successfully moved to the next stage – architectural design.

■ SOLUTION

In a design-build team with Robin James Construction, GMB guided the Board through three years of design. GMB planned the school in two phases, allowing the committee more time to raise the money needed for completion. Phase 1 includes 21 classrooms, a science

lab, an administrative wing, a resource center, a cafeteria, art and music rooms and a complete physical education department. Each classroom is outfitted with 20 computer outlets so that each student can have a computer in each of his/her classrooms. Phase 2 will have 12 more classrooms, a full size pool and a culinary arts restaurant. This phase has been designed, but construction has not commenced.

This well-designed building will serve as a valuable addition to the community, and will be available for events such as concerts, conventions, conferences, graduations and dinner theaters with seating capacities ranging from 300 to 2,500. (Renting the facility will help keep the future tuition costs down.) The cafeteria combines the cafeteria and auditorium into a single space and will be the largest in Sussex County, with four separate lines that will feed 1,000 students in 45 minutes. The gymnasium is set up for tournament play, with seating for 1,300 spectators. The facility includes full athletic fields for football, soccer and baseball, as well as tennis courts. A separate 4,000 square foot tech center will be used for vocational training and maintenance facilities.

Currently open with an enrollment of 135 students, the staff, teachers and students are utilizing the completed classrooms for all school functions, while the remainder of Phase 1 is being finished. This unique school will be a focal point for the community in a number of ways...and for years to come.

GMB
GEORGE, MILES & BUHR, LLC