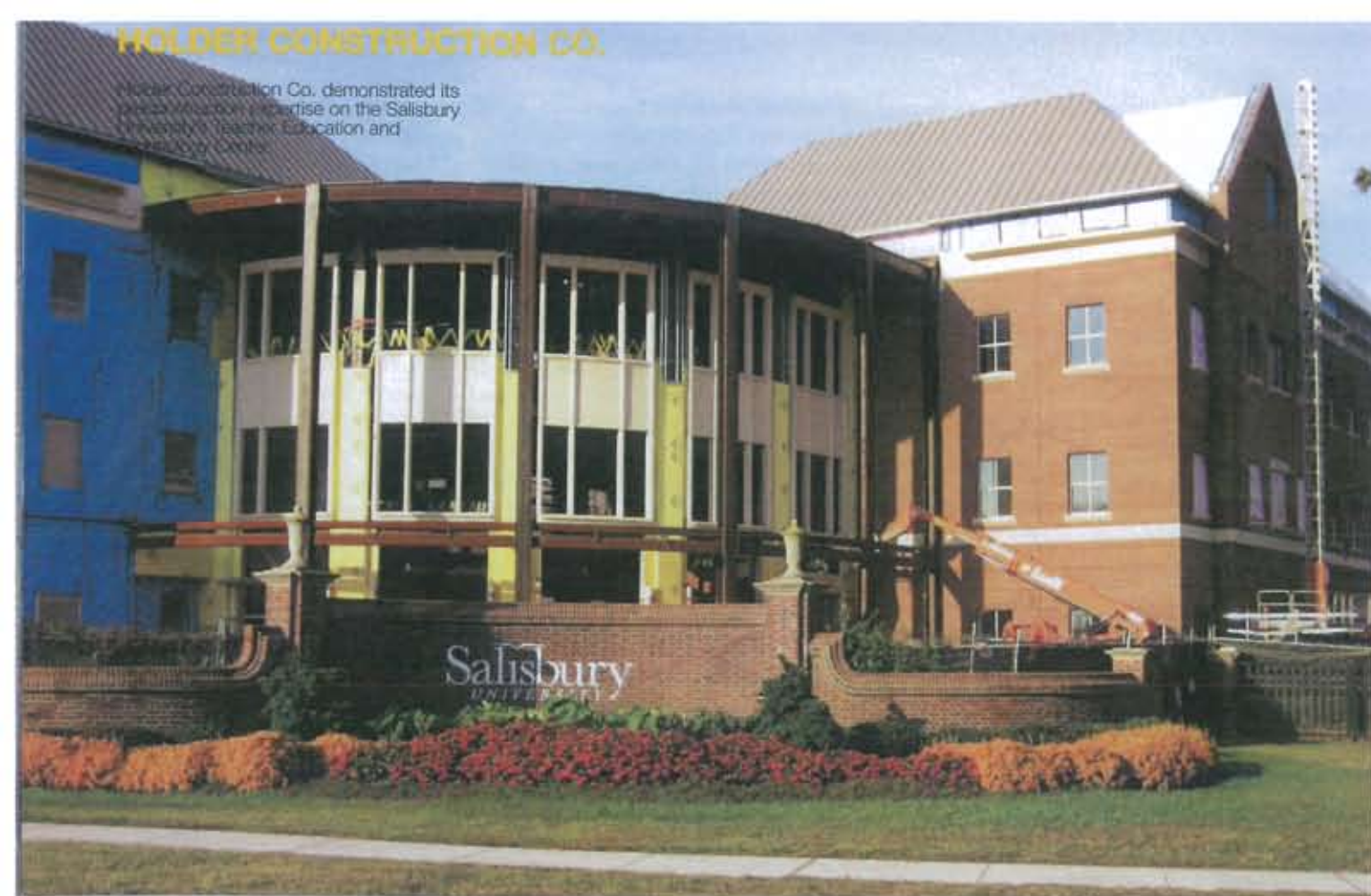


Holder Construction Co. demonstrated its preconstruction expertise on the Salisbury University Teacher Education and Technology Center.



Holding Itself Accountable

Holder Construction Co. says it went out of its way to implement sustainable practices and attractive features on a project for the University of Maryland.

By **KATHRYN JONES**

Holder Construction Co. Vice President Beth Studley says its "distinct focus on preconstruction" is one factor that sets the commercial contractor's projects up for success, especially Salisbury University's Teacher Education and Technology Center for the University of Maryland's Salisbury, Md., campus.

Holder was awarded its first project for the university in 2004. "Oddly enough, it was this one, [the Teacher Education and Technology Center]," Studley says.

"But the way that their preconstruction and their funding works, we were actually awarded other jobs after this

that have started and been completed before we had a chance to complete this one," she adds.

Other University of Maryland projects have included two satellite central utility buildings, Van Munching Hall and Chemistry Teaching Building at the university's College Park, Md., campus, Perdue Business School at the Salisbury campus and

The Fine and Performing Arts Center at the Bowie State campus in Bowie, Md.

Getting Started

Holder broke ground on the Teacher Education and Technology Center in July 2006 and has exactly two years to complete the project.

"One of the things that the University of Maryland puts into their contracts is to have two partnering sessions during preconstruction and up to three during the construction phases of the project," Senior Project Manager Shaun Haycock explains.

"Those sessions are to make sure that all of the goals are aligned on the project. Even though, contractually, we had until July, we didn't think that allowed them enough time to meet their goal of filling this building by fall 2008.

"So, without adding money, we took a harder look at resequencing our dry-in so we can gain some time in the schedule without affecting their budget or anything else."

He says the company expects to complete the \$50 million project in May 2008, two months early.

Technically Savvy

The 165,000-square-foot facility will be three stories with a mechanical mezzanine level at the top. It will feature both tiered and flat classrooms, as well as teaching and computer labs and an adult education clinic. "[A unique thing] in this building is a television studio with the newest technology for video production and high-definition equipment in the editing rooms," Haycock says.

"One of our challenges on the job was the spaces set aside that were on the third floor right underneath the mechanical floor. Knowing it was for video production, sound quality was very important. Trying to isolate the noise and vibration was a pretty complex thing from the design side, but also from the constructability side."

To tackle that problem, Holder's design team created floating floors to isolate the vibration and built a double-layered ceiling with thick insulation. It also installed acoustically sound windows and doors. However, "because you have several components of the attic and third floor, [such as] drywall ceiling and tracks, mechani-

cal, electrical, plumbing and fire protection, and ACT all being supported by structure in the same area, it took us a while to figure out the constructability of sequencing, so we could have a good sound barrier between those rooms," Haycock notes.

Wireless Internet access will be installed throughout the classrooms, but the desks will also be wired so students can use a hard Internet connection if they need it. Classrooms will also feature motorized shades over the windows, a light dimming system and projector controls on the podiums.

Green and Pristine

The center is located in the northeast section of the Salisbury campus and will be the first building seen when people drive along Highway 13, which is a major road in the area. "Inviting people into the campus was important to Salisbury, so we created some nice features," Haycock explains. "Right at the corner there is a colonnade that has precast columns and a cornice that sticks out and creates a nice feature for the front of the campus.

"Even though we had precast work, the architect put some features in the brick to match the other buildings, such as jack arches, which is a brick arch above the windows," he adds.

The center will also sport an atrium with two stories of storefront glass encased with millwork paneling. Inside will be an expansive bamboo floor, which Haycock cites as a good example of some of the sustainable practices Holder implemented on the project.

"The University of Maryland looks at incorporating sustainable strategies into the design of all of their facilities, whether or not they pursue LEED," Studley says.

"They did not pursue LEED certification on this project, but they did ask the architect to design as many sustainable features in the building as they could," Haycock adds. "Whether we're doing LEED or not, we do recycle as much debris as we can on all of our projects. On this project, we have recycled [more than] 300 tons of concrete, steel, wood and drywall, which is 70 percent of the total waste produced by the project." ■

Holder Construction Co.
www.holderconstruction.com
HQ: Atlanta
Employees: 400+
Services: Preconstruction and construction management
Shaun Haycock, senior project manager: "Inviting people into the campus was important to Salisbury, so the architect created some nice features."




11321 Thiele Road
Fort Wayne, IN 46819
Phone: 260-747-2888
Fax: 260-478-4605

Ft. Wayne, Indiana

- ROUGH & FINE GRADING
- SEEDING & SODDING
- LAWN MAINTENANCE
- LAWN & LANDSCAPING
- FIELD MOWING
- TREE & BRUSH REMOVAL
- 24 HOUR SNOW REMOVAL
- WETLAND PLANTING
- SPRAYING
- DRAINAGE TILE INSTALLATION
- MODULAR & TIMBER RETAINING WALLS

**INSURED • RADIO DISPATCHED
INDUSTRIAL & COMMERCIAL**



**SUMMUM
WOODWORK CORPORATION**

**FINE
ARCHITECTURAL
MILLWORK**

Summum woodwork is proud to be associated with Holder Construction on the Salisbury University - TETC project.

- Corporate Interiors
- Educational Interiors
- Hospitality Interiors

Tel : (450) 431-4541
Fax : (450) 565-3623
summumwoodwork.com