

WD Partners designing LEED foodservice facility for Bowling Green State University

McDonald Dining Center groundbreaking held on July 1

A new USGBC LEED building will welcome Bowling Green students onto campus in the Fall of 2011. WD Partners, an Ohio-based design, architecture, and engineering firm, is designing a 30,000 sq. ft. “green” building for Bowling Green State University (BGSU) and Chartwells Higher Education Dining Services. The sustainably designed building will cater to students and the community with a state-of-the-art dining service, a quick-serve restaurant, retail, and communal spaces. The building also will house campus administrative offices for Chartwells, the university’s dining services provider.

In addition to feeding 700 students, the multi-use building will enhance the student lifestyle offering many areas for students to gather and interact, including rooftop and ground-level patios. There will even be a firepit to gather around on those cool autumn evenings.

“This innovative public/private partnership will allow us to build this facility faster and smarter,” said BGSU President Carol Cartwright. “It will provide great food and a wonderful dining experience for our students, as well as being a destination for the campus and community.”

The high-performance building will provide a strong “5-sided” architectural statement, allowing sightlines in and out of the building. The structure of the building will itself be part of the aesthetic, using engineered wood and long-span steel decking, open ceilings, and polished concrete for flooring. Materials and finishes will be minimized, and chosen to reduce overall environmental impact.

Sustainable design features will be visible and serve as an educational tool. Energy monitors will allow students to see the building’s energy use and production. Other eco-friendly features will include solar panels, sun controls, sculptural wind turbines, rainwater collection, and a rooftop garden, which will provide herbs and fresh produce for the kitchen.

WD Partners has a 42-year legacy designing for some of the country’s leading food and retail brands, but this is the company’s first foray into higher education. However, the company is *not* new to sustainable design. The firm recently completed an Eat’n Park location that is the first LEED restaurant in Pittsburgh, and will be working on a groundbreaking collaboration between the Department of Energy and the Commercial Building Partnership Program to reduce energy usage by up to 50% in a California retail test site, among other projects.

About WD: WD Partners helps CPG, food, and retail brands innovate through strategy, design, architecture, and implementation services. WD Partners works for the leading regional and global brands. For more information, please visit www.wdpartners.com.

About Chartwells Higher Education Dining Services: Chartwells, a division of Compass Group, provides dining services for over 230 colleges and universities nationwide. BGSU and Chartwells joined forces in 2009. The company manages all dining and catering operations on campus. For more information, visit <http://www.dineoncampus.com/bgsu/>.

About Bowling Green State University: Located in northwest Ohio, Bowling Green State University is a residential institution with an enrollment of approximately 20,000 students. More than 200 undergraduate and graduate programs are offered. For additional information, visit www.bgsu.edu.

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BGSU McDonald Dining Center Fact Sheet

- The 30,000 sq. ft. dining center was designed using 3D Building Information Modeling software (Autodesk Revit)
- WD Partners is the architect and engineer for the building. DesignSmart (Chartwells) is the interior designer. Shrader Martinez is the general contractor.
- The multi-use building will contain a commissary kitchen, dining assembly areas, Chartwells' Dining Services offices, a quick-serve restaurant, and a convenience store.
- Building will be a combination of public and private campus areas within the same structure
- The high-performance building will use a mixture of visually "green" architectural elements and décor, including an exposed structure.
- The structure will be constructed with engineered wood and long-span steel decking, open ceilings, and polished concrete flooring.
- Materials and finishes will be chosen to showcase the building's green design intent
- Sustainable design features will be highly visible, and educational. Teaching students about sustainable design and resource usage is a component of the project.
- Iconic BGSU-orange archway detail will be visible from the town side of the building and act as a gateway into campus
- Enhancing the student lifestyle is an important part of the project
- A state-of-the art dining facility will accommodate 700 students, offering an open-seating dining area with mezzanine, as well as a wide variety of spaces indoor and out to support gatherings or simply hanging out.
- Educational area with big-screen TV will offer cooking and nutrition classes as part of Chartwells' "Eat. Live. Learn." Program.
- Catering/banquet facility with a capacity of 100 is available for community use
- Firepit, rooftop garden, and patios for students and staff
- Convenience store and Quick-serve restaurant

Sustainable design features include:

- High-efficiency building systems and equipment
- Rooftop solar panels and reflective membrane
- Sculptural wind turbines
- Daylight harvesting and control
- Green walls
- Low-flow fixtures
- Rainwater capture and reuse
- Minimized materials and finish usage
- Recycled material content where possible
- Charging station for electric vehicle (for food delivery to satellite foodservice locations)

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**WD Partners designing LEED foodservice facility for
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These and other images are available for print and online use.

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