

MEDIA RELEASE

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Alvin H. Butz, Inc. completes first LEED® Gold certified facility at Lehigh University

Allentown, PA, September 14, 2011 . . . Alvin H. Butz, Inc. recently completed a Leadership in Energy and Environmental Design (LEED®) Gold certified building at Lehigh University, Bethlehem, PA.

The S.T.E.P.S. (Science, Technology, Environment, Policy & Society) building is a 135,000 square foot multi-disciplinary science and technology center. The 5-story facility provides 50 cutting edge teaching and research labs, 10 classrooms, a 75-seat auditorium, seminar rooms, computer labs and offices for faculty, staff, and graduate students. The S.T.E.P.S. building is the first LEED®-certified facility on Lehigh University's campus.

Lehigh University teamed Bohlin Cywinski Jackson as architect for the facility with Alvin H. Butz, Inc. as the construction manager. Lehigh University, Bohlin Cywinski Jackson, and Alvin H. Butz worked together to incorporate aspects of the United States Green Building Council's (USGBC) LEED framework into the building, paying close attention to issues of energy conservation, water conservation, resource management, indoor air quality, and site issues such as open space and heat islands effects.

The [S.T.E.P.S. building](#) is the 10th LEED Certified project in the Butz portfolio; and an additional 7 projects are currently pending certification.

"We were all very pleased and excited to hear that the S.T.E.P.S. Building was awarded LEED Gold certification by the United States Green Building Council (USGBC). Achieving this designation for such a complicated laboratory building is quite an accomplishment and the entire project team needs to be recognized and congratulated for its expertise, dedication and perseverance that made this award possible," says Tony Corallo, Assistant Vice President of Facilities Services & Campus Planning at Lehigh University. "S.T.E.P.S. is a wonderful manifestation of Lehigh's commitment to environmental awareness and responsibility."

Administered by USGBC, LEED is a voluntary green building certification program that defines, measures and certifies buildings that are environmentally responsible, economically efficient and healthy. LEED is the internationally recognized benchmark for certifying high-performance green buildings with a minimal environmental footprint. Gold certification is the second-highest level of LEED certification a project can achieve.

"We have a fantastic working relationship with Lehigh University having constructed numerous facilities on its campus over the last 30 years," says Greg Butz, President and CEO of Alvin H. Butz, Inc. "The S.T.E.P.S. LEED Certification reflects Butz's commitment to understanding sustainable design and managing sustainable construction. We are fortunate to have an innovative staff that works hard to develop and adapt construction management principles to facilitate the [LEED process](#) into our unique

construction management approach. They have developed a very seamless process of incorporating LEED principals into all projects, which aids designers and owners in their quest for a LEED rating.”

Green features of Lehigh University’s S.T.E.P.S. Building include:

- Energy cost savings of 17.9%. Energy efficiency measures include an improved thermal envelope, reduced interior lighting power density, dimming control, energy recovery unit, and a high efficiency chiller.
- Use of refrigerants and HVAC equipment that minimize or eliminate the emission of compounds contributing to ozone depletion and global warming.
- Highly efficient building systems included individual lighting and thermal controls.
- Use of Energy Star roof membrane and an 8,000 SF vegetated roof.
- Reduced potable water use by 42% through the installation of low-flow sinks, low-flow urinals, and dual-flush water closets.
- Diverted 96.26% of on-site generated construction waste from landfills.
- Indoor air quality features included the use of products complying with VOC limits, CO2 monitoring systems and operable windows.
- 21.12% of the total building materials content, by value, was manufactured using recycled materials, 23.89% of total building materials value included materials and/or products that were extracted, harvested or recovered, as well as manufactured within 500 miles of the project site.

Alvin H. Butz, Inc. has fully embraced USGBC’s LEED program by holding a corporate membership for nine years, attending Green Building National Conferences and Delaware Valley Green Building Council events, and supporting staff to attain LEED accredited professional status. Butz currently has 17 LEED Accredited Professionals and 8 Certified Green Advantage professionals on staff.

“We’ve made a significant investment preparing to be of value to owners and designers in facilitating the LEED process,” says Butz.

ABOUT BUTZ: Alvin H. Butz, Inc. provides construction management services for corporate, commercial and institutional clients in eastern Pennsylvania. With a heritage of over 91 years, the company has a reputation for high-quality, cost-effective construction management services and is recognized as the premier builder of the region’s largest, most complex structures. The firm possesses significant experience in the construction of healthcare facilities, colleges/universities, corporate office buildings, hi-tech manufacturing facilities, sports and entertainment venues, government buildings, K-12 schools and retail buildings.

Alvin H. Butz Inc. is a subsidiary of Butz Enterprises, Inc. a privately held corporation owned by the Butz family. Shoemaker Construction Co. and Alexander Building Construction Co. are wholly-owned subsidiaries of Butz Enterprises, Inc. Through those three operating entities, Butz Enterprises, Inc. is able to offer construction management services to most of Pennsylvania and New Jersey.