

CGBF BUILDS GREEN AFFORDABLE HOME

North Twenty First Street, Columbus, Ohio 43203



Project

- CGBF and the Worthington Kilbourne High School educational program, Home B.A.S.E. have partnered to build a signature "green" affordable house for the working poor, in 2006.
- The house will be one of few select LEED-Home pilot projects in the United States, bringing national attention to this project. LEED (Leadership in Energy & Environment Design) is a green rating system developed by the US Green Building Council - Lazarus building is a local example of a LEED for Core & Shell project.
- The site selected is an urban infill lot located at North Twenty First Street, Columbus, Ohio 43203. The project is a collaborative effort with Columbus Housing Partnership and the City of Columbus.

Purpose

The working poor are the least able among our population to afford building failures and high-energy costs associated with heating and cooling. By putting existing disparate green techniques into one outstanding sustainable building, the partners want to showcase the home as an example of best building practices.

Through this project, the partners intend to educate the community on improving life cycle attributes of residential homes. The design team will address all five principles of sustainable design: Site, Material & Resource conservation, Indoor Air Quality and Energy Performance. One of the key goals for the house is to enhance building performance for its owner.

Partners

CGBF has made significant strides in educating the community on green technology issues since 2003. Our approach is to be an active catalyst for change in the community and to increase the number of green projects in the area. Through this project, CGBF intends to showcase a whole building design concept unique to this region. Visit www.cgbf.org for more information

Home B.A.S.E. (Building Academic Skills and Experiences) is an educational model unique to Worthington Kilbourne High School. It changes public high school organization and programming by the creation of a learning community for seniors that integrates senior year English, United States Government/ Economics, and Technology education with the building of a house for the working poor. Currently, Home B.A.S.E. is building its ninth house. Home B.A.S.E. has won several local awards and has received national recognition.



CGBF's mission is to advance the principles & practices of sustainability throughout the region. The Forum continuously pursues cutting edge relevancy in the field and serves as a catalyst for sustainable growth. Through innovative strategies, collaborative alliances and social entrepreneurship, the Forum creates new markets to develop and support sustainable opportunities throughout the region.