



**Berea College  
Deep Green Student Residence  
Berea, Kentucky**

The project includes space for 120 students and encompasses a deep green philosophy in its design. High energy efficiency is paramount in the design pushing the limits of sustainability in the student residence hall. In addition to a goal of LEED Platinum Certification, many objectives of The Living Building Challenge are being incorporated moving closer to a zero ecological footprint.

The building will be three stories above grade with a partial basement. The structural system minimizes material quantities by using the architectural partitions as load bearing light gauge metal stud walls with long span metal deck as the floor system. The building will be relatively column, beam and girder free. The building envelope will include Structural Insulated Panels (SIP's) in the wall system which will act as the backup for the cladding system. The basement walls will be constructed of the Thermomass foundation wall system.

Owner: Berea College, Berea, Kentucky

Architect: Hastings & Chivetta Architects, St. Louis, Missouri  
Hellmuth Bicknese, St. Louis, Missouri

Projected Building Construction Cost: \$11,800,000

Estimated Square Footage: Approximately 40,000

