



SUSTAINABLE DESIGN GOALS

The following lists of items are design features for the renovation of Elizabeth Rogers Hall.

1. The re-use of the existing building is a major environmental / LEED accountability point. The re-use / recycling of the existing structure is of major importance.
2. Aluminum window screens are used to provide for natural ventilation in dorm rooms, thus saving potential energy during moderate seasonal temperatures.
3. Variable speed fan motors for ventilation cut energy use.
4. Water-saving toilets, bladder style (dual flush,) should be provided in individual bathrooms.
5. Insulated glass with Low E coating is provided.
6. Metal will be diverted from landfills recycled from Elizabeth Rogers (Excludes cast items like the radiators and copper pipe that the college recycled themselves).
7. Florescent and compact florescent fixtures should be used. No incandescent bulbs.
8. Energy monitoring within the hall, including monthly updates.

GREEN SPECIFICATIONS

The following specification index lists materials and methods being implemented in the renovation of Elizabeth Rogers Hall that are ecologically oriented. This is an preliminary list and may not fully define all of the specification sections that will be impacted by sustainable characteristics of this renovation.

DIVISION 1 - GENERAL REQUIREMENTS

- 01150 Environmental Procedures – summary of disposal of waste products (moved to CWM spec)
- Environmental Impact Questionnaire
- 01151 Special Environmental Precautions
- 01360 Special Environmental Requirements
- 01500 Construction Facilities and Temporary Controls – on site recycling of construction materials (move to Section 01360 above)
- 01568 Tree and Plant Protection
- 01570 Storm Water Sedimentation and Erosion Control
- 01571 Environmental Requirements for Construction Equipment
- 01572 Vehicle Access and Parking
- 01573 Exterior Dust Control
- 01574 Noise and Acoustics Management
- 01575 Construction Indoor Air Quality Plan

DIVISION 2 - SITE WORK

- 02070 Demolition for Renovation – recycle existing carpet
- 02411 Demolition for Renovation
- 02420 Deconstruction



02421 Acoustical Ceiling Reclamation

DIVISION 6 - WOOD AND PLASTICS

06402 Interior Architectural Woodwork – woodwork provided by the craft shop of Berea College

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

07200 Insulation – Formaldehyde free

DIVISION 8 - DOORS AND WINDOWS

08200 Flush Wood Doors – prefinsihed wood doors

08610 Clad Wood Windows – low e insulated glazing.

DIVISION 9 - FINISHES

09250 Synthetic Gypsum Board – recyclable synthetic gypsum board

09459 Wood Floor Cleaning – re use of exiting wood floors.

09650 Resilient Flooring – Rubber Composite Tile.

09700 Carpet to be recycled.

09900 Painting – Low VOC latex paints provided by Berea College.

DIVISION 10 - SPECIALTIES

10150 Toilet Compartments – solid plastic toilet partitions

DIVISION 14 - CONVEYING SYSTEMS

14240 Hydraulic Elevator – Biodegradable hydraulic fluid

DIVISION 15 - MECHANICAL

Indexed Separately

DIVISION 16 - Electrical

Indexed Separately