

## Project Information

**Owner** - Kenyon College  
**Architect** - Gund Partnership  
**MEP Engineer** - Syska Hennessy Group  
**Structural Engineer** - LeMessurier Consultants, Inc.  
**Construction Management** - The Albert M. Higley Co.  
**Stories Above Grade** - 5  
**Project Delivery** - Design-Bid-Build  
**Total Cost** - \$18 million  
**Size** - 66,640 square feet

## Architectural

Peirce Hall is one of Kenyon College's most recognizable landmarks with its gothic appeal and stone tower. The 2006-2008 renovation, addition, and expansion project improved and added new signature spaces to the university campus. A combination of the new glass ceiling atrium and restored Great Hall, with its carved rafters, wood paneling, and stained-glass windows capturing scenes from American and British literary classics beautifully exemplifying the building's marvel.

## Structural

- Steel gravity system with beam spans up to 43'
- Lateral system composed of moment frames and diagonal HSS braced frames
- Foundation composed of reinforced concrete 1' thick walls, typically 2'x2' and 16"x16" piers, and spread footings
- Typical floor slabs are 7 1/2" or 5 1/2" thick using 18 GA composite deck with 4 1/2" normal weight or 3 1/2" light weight concrete

## Electrical

- 1000kVA, 12.47kV/208V pad mounded transformer
- 208Y/120 V, 3 phase, 4 wire service voltage
- 400A, 100kW/125kVA, 208/120V natural gas fueled generator for refrigeration building load
- Emergency signage, egress and discharge lighting, and fire alarms are battery powered

## Mechanical

- 241 ton, 166.3kW scroll type electric water chiller
- Yearlong operational 204-256 ton crossflow cooling tower
- Campus provides 26 psi medium pressure steam supply
- Steam serves (6) air handling units and (4) unit heaters directly
- Steam converter supplies hot water to floor radiant heating system, fin tube radiators, and cabinet unit and unit heaters