

Kenneth Langone Athletic and Recreation Center

Bucknell University
Lewisburg, Pa



Kyle Oberdorf Structural Option

Project Overview

- Natatorium and Basketball Stadium as an addition to existing Field House
- 102,000+ SqFt in Natatorium and Arena Combined
- \$27 Million
- Construction: May 2001- Early 2003

Primary Project Team

- Owner: Bucknell University
- Architect: Ewing Cole Cherry Brott
- Construction Manager: R.S. Mowery and Sons



Architectural

- Match Brick and Stone Façade Theme of Campus
- Match existing Portion of building
- Envelope: Brick, Simulated Stone, Metal Insulated Architectural Panels, Aluminum Windows' Standing Seam Metal Roof and EPDM Roofing on Flat Sections

Structural

- Foundation: Continuous and Spread Footing
- Superstructure: Cold Formed Steel
- Floor: Composite Construction
- Lateral System: X Braced Shear walls



Mechanical

- Constant Air Volume Units
- Natatorium receives 75600 CFM from 4 Units
- Arena receives 90800 CFM from 3 Units

Electrical/Lighting

- 480/277V & 208/120V
- 3 Phase 4 Wires
- Fluorescent/HID Lights
- Diesel Emergency Generator