

Harris Theater for Music and Dance

Chicago, IL

Lindsey Beane
Lighting/Electrical



Primary Project Team

Architect: Hammond Beeby Rupert Ainge
Associate Architect: Kathryn Quinn Architects
Project Manager: The Rise Group
MEP: Environmental Systems Design Inc.
Acoustical Consultant: Jaffe Holden Acoustics
Theatre Consultant: Schuler & Shook

Construction

Size: 130,000 sf
Auditorium seating: 1525 people
Number of Stories above grade: 1 story above grade with 8 partial stories total
Construction Dates: Feb. 2002-Nov. 2003

Lighting

- Colored Fluorescents for color identification
- Energy efficient metal halide in auditorium
- Linear Fluorescent on working half of theater
- Specialty theater and stage lighting
- Accent lighting in lobby with color filters

HVAC

- (4) AHUs range from 20,000 cfm to 45,000 cfm
- (16) two pipe fan coil units
- Oversized ductwork for strict acoustics

Structural

Foundation: caissons, grade beams, and concrete slabs.
Walls: precast concrete
Other structural materials: Steel framing
W shape beams range in size and weight

Electrical

Power distribution: 480/277V and 208/120V
Summary: 35 panel boards
Lighting Loads: 208/120V system
Mechanical Loads: 480/277V system
Emergency system: 425KVA/340KW generator

Specialty

- Acoustical systems in auditorium
- Sound system for performances
- Dimming rack controls for stage and auditorium

