

project team

- **Owner:** Spertus Institute of Jewish Studies
- **Architect:** Krueck+Sexton Architects
- **MEP/FP & Tel/Data:** Environmental Systems Design, Inc
- **Lighting Design:** SPI Design Inc. / Schuler Shook
- **Structural Engineer:** Tylk Gustafson Reckers Wilson Andrews
- **General Contractor:** W.E. O'Neil Construction Co.
- **Theater Consultant:** Schuler Shook

architecture

Unlike surrounding buildings, Spertus offer dynamic glass façade that compels the folding and movement of material. The Spertus is designed to celebrate, share and explore wisdom gained over centuries of Jewish thought and study. The Institute comprises of the Spertus Museum, the Asher Library, and the Spertus College.

electrical

Three service entrances with two 480Y/277V switchboards for mechanical equipment and one 208/120V switchboard for lighting and receptacles. 450KW, 480Y/277V emergency generator supplies four automatic transfer switches.

lighting

General ambient light is provided by a combination of halogen downlight and fluorescent direct light that is integrated with ceiling grid system. High intensity discharge source is utilized to illuminate lobby atrium and sculpture wall. The museum space is equipped with recessed track system allowing for flexibility and control. Integration of daylight is employed throughout the building by skylight and fritted glass façade.

mechanical

The central plant consists of air cooled packaged liquid chiller and electric heating coil. Two air handling units located on the roof and the 5th floor distribute air to series of fan powered variable air volume units to supply air.

structure

The gravity loads resisting system consists of composite floor deck supported by steel beams and columns and concrete core walls in truss supported on concrete grade beams on deep concrete caissons. The lateral load resisting system consists of concrete shear walls and steel cross-bracing.



building information

address: 610 S Michigan Ave Chicago, IL
size: 155,000 sq.ft.
levels: 10 stories above grade
cost: \$59 million (actual construction cost)
construction time: Sep 07 - Sep 09
delivery method: desing-bid-build GPM