



NEW YORK LAW SCHOOL NEW COMMUNITY FACILITY

architecture

The New Community Facility, located in lower Manhattan, consolidates the functions of various aging New York Law School structures.

Spaces include a library, a 284-seat auditorium, dining areas, a roof terrace, administrative offices, classrooms, and a large multi-purpose room.

Glass facade displays the high level of activity that will take place in the facility.



Exterior rendering by SmithGroup

lighting

Color-changing LEDs on exterior canopy and behind etched glass panels in main lobby
Significant amounts of daylight above grade
Appearance of glowing glass facade at night
Heavy use of fluorescent sources and dimming

structural

Foundation: Two-way slab on grade 8" thick with wire mesh reinforcement
Floor and Roof: Composite metal decking ranging from 6" to 12" thick
Main Support System: Steel beams and columns ranging from W24 to W40 10' O.C.

construction

Address: 185 W. Broadway
Size: 200,000 SF
6 levels above grade
4 levels below grade
Total cost: \$80 million
Construction dates: May 2006 to 2010
Delivery method: Design-bid-build

project team

Owner: New York Law School
Architect: SmithGroup
MEP: Jaros, Baum & Bolles
Structural: Thornton-Tomasetti
Acoustics / AV: Cerami
Landscape Architect: JJR
Geotechnical: Meuser Rutledge
Management: Studley
Project Management: WA



Main entry lobby

electrical

Primary: Two service entrances from Con Edison vault supply 208Y/120V 3P 4W 4000A switchgears
Emergency: 700KW 208Y/120V oil-fueled generator
UPS for information technology systems
Above-grade floors serviced by two busses: 2500A and 3000A, below-grade by one 3000A

mechanical

Heating: Steam heating, supplied by Con Edison
Cooling: Water-cooled packaged air conditioning systems, two cooling towers on roof
550 gallon fuel oil tank for emergency generator