



YEARS OF EXPERIENCE
18

YEARS WITH TYLIN
14

EDUCATION
BE, Civil Engineering, Stevens
Institute of Technology, 2007
BS, Physics, New York
University, 2007

LICENSE
Registered
Professional Engineer
CT, NJ, NY

TEACHING
Yale University, School of
Architecture, Graduate
Program Instructor, 2014 -
present

AFFILIATIONS
Structural Engineers
Association of New York
(SEAoNY), Member, University
Outreach Committee Chair
2009 – 2013
CANstruction Team Member,
2007 – 2011
ACE Mentor, 2013 - 2014

Victoria G. Ponce de Leon, PE

VICE PRESIDENT, PRINCIPAL

Structural Engineer

Victoria is involved in the design and project management of renovation, adaptive reuse, and new construction projects for clients in the public/municipal, K-12, higher education, residential, and cultural sectors. She worked on a number of the firm's most high profile projects including the new Whitney Museum and the renovation of the landmark Waldorf Astoria hotel, both in Manhattan.

PROJECT EXPERIENCE

Waldorf Astoria | New York, NY

Partial conversion of a historic Art Deco hotel into a luxury residential building including units in converted mechanical pinnacles. This project will introduce new pools, landscaped roofs, and acoustically isolated theater spaces. Structural scope includes additions at the 21st floor and penthouse, load transfers for beam removals, infill of existing openings, and slab openings/reframing for elevators and stairs.

Whitney Museum of American Art, New York, NY

This new 220,000 sf building features a 18,000 sf column-free gallery and a dramatic cantilever over a public plaza. Exposed steel structure and connections are visible throughout. Site complexities included poor soil conditions and a high water table due to the nearby river. LEED Gold certified.

Barnard College, Milstein Teaching and Learning Center | New York, NY

New 11-story, 128,000 sf building with a double-height library featuring exposed structural U-braces. The building also contains an empirical reasoning laboratory, classrooms, media facilities, faculty offices, and conference space. This project also renovated and repurposed existing academic spaces in Milbank Hall. LEED Silver goal.

Bessemer Trust | New York, NY

Fit-out of 240,000 rsf across seven floors. TYLin's scope includes openings and structural framing reinforcement for a new interconnecting stair, review of the existing structure for new A/C equipment, and review of the existing floor capacity and reinforcement to support new generator systems.

Yale University, Sterling Chemistry Laboratory | New Haven, CT

This investigation and subsequent rehabilitation of a 1920s Delano & Aldrich building revolved around a scheme in which the exterior walls and first bay of structure in Sterling would remain, while the central portion would be demolished. LEED Platinum expected.

Hewitt School | New York, NY

Phase I work involved renovating a brownstone on 76th Street, retaining and preserving its landmarked facade while replacing the interior framing to align mismatched floor elevations. A new elevator and stair connect a primary school facility to the townhouse and improve accessibility in both buildings. A new fabrication lab was also part of this phase.

Broad Street Development, 40 Bleeker Street | New York, NY

New 12-story high-end residential condo complex with 61 units. The flat plate concrete building's six upper level penthouses feature private outdoor spaces, while general amenities include a 57-foot swimming pool and a 5,600 sf courtyard garden.

NYU Tandon School of Engineering, 370 Jay Street | Brooklyn, NY

Renovation of a 14-story mid-century office building located over four subway lines. TYLin reinforced the structure to create double-height acoustically isolated rooms for a music institute and also designed a new spiral staircase. The 460,000 sf building also accommodates an interdisciplinary research center, a related incubator, and some admin functions. LEED Platinum certified.