



# WILLIAM J. FASCHAN, P.E., S.E., F.ASCE

## Partner

Mr. Faschan works on projects in the role of Project Director and Partner-in-Charge. He guides the efforts of our Project Manager in the development of the structural design and in the coordination of structural engineering services with the Owner, Architect, Services Engineer and Contractor. Mr. Faschan works closely with the other Partners and with the staff of other firms.

### PROFESSIONAL EXPERIENCE

LERA Consulting Structural Engineers  
1978 to Present

### REGISTRATION

Professional Engineer – NY  
Licensed or eligible in all 50 states.  
Structural Engineer – CA, IL  
Civil Engineer – CA  
Licensed or eligible in all 50 states.

### EDUCATION

Cornell University,  
Master of Engineering (Civil), 1978  
Cornell University,  
B.S. with distinction, 1977

### HONORS & ACTIVITIES

AISC Blast and Impact Resistant Design Committee  
Fellow, American Society of Civil Engineers  
Advisory Council, Cornell Univ. School of Civil & Environmental Engineering  
Advisor, Cornell Univ. Master of Civil Engineering Design Project, 1983-84  
Past-Chairman, Committee CL-5, Gravity Loads and Temperature Effects, Council on Tall Buildings and Urban Habitat  
The World Trade Center Medal for Exceptional Service, 1993  
Cited as one of "Those Who Made Marks in the Construction Industry," Engineering News-Record, 1989  
New York City Building Codes Structural Loads Committee

### HOTEL/RESIDENTIAL

The Standard, East Village, New York, NY  
University Residential Tower, New York, NY  
High-Rise Residential Development, Jersey City, NJ  
550 West 41st Street, New York, NY  
520 West 41st Street, New York, NY  
Schuylkill Yards Development, Philadelphia, PA  
NYCHA, Sumner Houses Senior Building, Brooklyn, NY  
Selfhelp Freeport Senior Housing Development, Freeport, NY  
Flatiron Condominium, New York, NY  
World One Tower, Mumbai, India  
M3M Golf Estate, Mumbai, India  
Tradewinds Residential Towers, Kuala Lumpur, Malaysia  
Marriott International Hotel, Hanoi, Vietnam  
Oberoi Skyz, Mumbai, India  
Canal Point, Dubai, UAE  
Monument Center, Reno, NV  
Espirito Santo Plaza, Miami, FL  
Tregunter Path, Hong Kong, China  
Olympic Heights, The Philippines

### OFFICE/MIXED-USE

Schuylkill Yards Development, Philadelphia, PA  
4 World Trade Center, New York, NY  
Capitol Crossing Platform, Washington, DC  
Fenway Center, Boston, MA  
Lusail Plaza Towers, Doha, Qatar  
Bitexco Financial Tower, Ho Chi Minh City, Vietnam  
Shanghai World Financial Center, Shanghai, China  
Hyundai Global Business Center, Seoul, South Korea  
High Tech Tower, Luanda, Angola  
Al Assima, Kuwait City, Kuwait  
The Spirit of Saigon, Ho Chi Minh City, Vietnam  
Prototypical Super High-Rise Bldg. System Study, South Korea  
Seoul Lite-Spire Design & Erection Method, Seoul, South Korea  
Tradewinds Square, Kuala Lumpur, Malaysia  
Jinan Cheda International Financial Center, Jinan, China  
Kuala Lumpur Development, Kuala Lumpur, Malaysia  
Hyderabad Office Tower, Hyderabad, India  
Repsol – YPF, Buenos Aires, Argentina  
BASF Headquarters, Mount Olive, NJ  
Torre Picasso, Madrid, Spain

### RETAIL

Nordstrom, 1776 Broadway, New York, NY  
Ethan Stowell Restaurant, 1776 Broadway, New York, NY  
Publix on the Bay Supermarket, Miami, FL

### EDUCATION

Princeton University, Butler College, Princeton, NJ  
CUNY John Jay College of Criminal Justice, Academic Building I, New York, NY  
CUNY Queens College, Law School Addition, Queens, NY  
SUNY Geneseo, Integrated Sciences Building, Geneseo, NY

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## PAPERS & TALKS

Co-author, "A Structural Engineer's Approach to Differential Vertical Shortening in Tall Buildings," *Int'l Journal of High-Rise Buildings*, CTBUH, March 2017

Co-author, "Bitexco Financial Tower," *Structure Magazine*, June 2009

"Structural Design for Tall and Iconic Buildings in the Aftermath of 9/11," Princeton University, 2004

Co-author, "Considerations for Retrofit of Existing Steel Buildings for Resisting Blast and Progressive Collapse," AISC/SINY Blast Design Symposium, New York, NY, 2003

Co-author, "Rising High," *Urban Land Magazine*, Nov/Dec 2000

"Successful Exposed to View Structures," *SEAO*, 1999

"The Art of Structural Engineering," Texas Society of Architects Annual Convention, Dallas, TX, 1995

"The World Trade Center Bombing & Reconstruction," BSCE Annual Meeting, Boston, MA, 1994

Cornell University, Johnson Museum of Art Addition, Ithaca, NY

NYC SCA, Call-In Contract, New York, NY

NJ SDA, Passaic Elementary Schools, Passaic, NJ

Oberoi International School II, Mumbai, India

## HEALTHCARE

DASNY/H+H, Bellevue Hospital Ambulatory Care Center, New York, NY

Albert Einstein College of Medicine, Opioid Treatment Center, Bronx, NY

## MUSEUMS

Museum of Islamic Art, Doha, Qatar

German Historical Museum Addition, Berlin, Germany

Portland Museum of Art, Portland, ME

## GOVERNMENT/JUSTICE

CUNY John Jay College of Criminal Justice, Academic Building I, New York, NY

Korean Mission, New York, NY

Federal Reserve Energy Commission Office Building, Washington, DC

## AVIATION/TRANSPORTATION

PANYNJ, Port Authority Bus Terminal – Structural Modifications, New York, NY

PANYNJ, Port Authority Bus Terminal – Air Rights Development, New York, NY

PANYNJ, Port Authority Bus Terminal – Design Competition, New York, NY

FAA, Stewart Int'l Airport – Air Traffic Control Tower and Base Building, Newburgh, NY

CCDA, McCarran Int'l Airport – Satellite D Expansion NE Wing, Las Vegas, NV

MBTA, Yawkey Station, Boston, MA

Incheon Int'l Airport, Passenger Terminal 2 – Design Competition, Incheon, South Korea

Chek Lap Kok Int'l Airport, Terminal Roof Structure Evaluation, Hong Kong, China

Hong Kong Airport and Train Station – Expert Review, Hong Kong, China

## SPORTS/ENTERTAINMENT

Chicago Bears Stadium, Chicago, IL

Meyerson Symphony Center, Dallas, TX

IZOD Center, East Rutherford, NJ

New Playhouse Theater, Cleveland, OH

Chicago Bears Fieldhouse, Lake Forest, IL

Baseball Hall of Fame Renovation, Cooperstown, NY

## INVESTIGATIONS/EXPERT WITNESS

Hotel and Condominium Tower, North America

Football Stadium, United Kingdom

Office Building Complex, New York

High-Rise Apartment Building, Florida

High-Rise Hotel, New York

Office Tower, New York

Convention Center Expansion, Illinois

International Airport Terminal, Southeast Asia

Convention Center, Pennsylvania

High-Rise Office Building, Pennsylvania

World Trade Center Repairs after the 1993 Bombing, New York, NY

NIST Investigation of the World Trade Center Collapse, New York, NY

Log Framed House, New York

## PEER REVIEWS/STRUCTURAL AUDITS

15 Hudson Yards, New York, NY

432 Park Avenue, New York, NY

53 West 53rd Street, MoMA Tower, New York, NY

1 Manhattan West, New York, NY

The Spiral, Hudson Yards, New York, NY

118 Fulton Street, New York, NY

23 Park Row, New York, NY

262 5th Avenue, New York, NY

1 World Trade Center, Freedom Tower, New York, NY

2 World Trade Center, New York, NY

3 World Trade Center, New York, NY

7 World Trade Center, New York, NY

AOL Time Warner Center, New York, NY

PANYNJ, Port Authority Bus Terminal – Air Rights Development, New York, NY

Marriott Marquis Hotel, New York, NY

The Tequesta and Courvoisier Courts, Miami, FL

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