



# MICHAEL W. HOPPER, P.E. (PA)

## Associate Partner

As Project Manager, Mr. Hopper provides detailed guidance on the analysis and development of the structural design and coordinates structural engineering services with the Owner, Architect, Services Engineer and Contractor. He works closely with LERA's Project Director and Partner-in-Charge and with the staff of other firms.

### PROFESSIONAL EXPERIENCE

LERA Consulting Structural Engineers,  
*2010 to Present*

### REGISTRATION

Professional Engineer – PA

### EDUCATION

Pennsylvania State University  
M.S./B.A.E. Arch. Engineering, *2009*

### HONORS & ACTIVITIES

Visiting Lecturer, "Design of Reinforced Concrete," Department of Civil and Environmental Engineering, Princeton University, *2018 to Present*

Princeton Engineering Commendation List for Outstanding Teaching, *Fall 2020*

Member, American Concrete Institute

Associate Member, Post-Tensioning Institute, DC-20 Building Design Technical Committee

Member, Structural Engineers Assoc.

Phi Alpha Epsilon – National Architectural Engineering Honor Society

### PAPERS & TALKS

Co-Author, "Banding Together to Reach Out: Achieving 40-ft Cantilevers at the Novartis Radiation Oncology Building," Concrete International, *November 2017*

Author, "Post-Tensioned Concrete in NYC," SEAoNY Cross Sections, *June 2017*

Co-Presenter, "Multistrand and Bonded Post-Tensioning," PTI Convention, Atlanta, GA, *May 2017*

Co-Author, "Columbia Medical Center's Vertical Campus," Structure Magazine, *April 2016*

Co-Author, "Securing the Vibrant Future of Our Cities," CTBUH New York Conference Proceedings, *2015*

Co-Author, "Best-Fit Models for Nonlinear Seismic Response of Reinforced Concrete Frames," Engineering Structures, *June 2010*

### MUSEUMS/CULTURAL FACILITIES

Lucas Museum of Narrative Art, *Los Angeles, CA*

Lucas Museum of Narrative Art, *San Francisco, CA*

Lucas Museum of Narrative Art, *Chicago, IL*

Broad Art Museum, *Los Angeles, CA*

Columbia College Museum of Contemporary Photography Renovation, *Chicago, IL*

Cultural Facility, *Pennsylvania*

### EDUCATION

University of Chicago, Rubenstein Forum, *Chicago, IL*

Columbia University Medical Center, Roy & Diana Vagelos Education Center, *New York, NY*

Massachusetts College of Art and Design, MassArt Design & Media Center, *Boston, MA*

CUNY Advanced Science Research Center, *New York, NY*

CUNY York College, Academic Village and Conference Center, *Queens, NY*

Princeton University, Environmental Studies (ES) + School of Engineering and Applied Science (SEAS), *Princeton, NJ*

Princeton University, Lewis Center for the Arts – Peer Review & Value Engineering, *Princeton, NJ*

### HEALTHCARE/RESEARCH

UPMC Shadyside, New Patient Buildings & Energy Plant Renovation, *Pittsburgh, PA*

Novartis, Radiation Oncology Research Building, *East Hanover, NJ*

NYU Langone Health, Kimmel Pavilion, *New York, NY*

NYU Langone Health, Infrastructure Upgrades, *New York, NY*

### CONVENTION CENTERS

NYS ESD/CCOC, Jacob K. Javits Convention Center Renovation & Expansion, *New York, NY*

### RETAIL

Retail Store, *Brooklyn, NY*

### OFFICE/MIXED-USE

Hudson River Trading Office, 4 World Trade Center, *New York, NY*

Weber Shandwick Office, 909 Third Ave, *New York, NY*

Office Tower, *Chicago, IL*

KLCC Mixed-Use Development, *Kuala Lumpur, Malaysia*

Tradewinds Square, *Kuala Lumpur, Malaysia*

### HOTEL/RESIDENTIAL

Residential Building, *Washington, D.C.*

High-Rise Residential Development, *Jersey City, NJ*

Private Residence, *Long Island, NY*

### GOVERNMENT

United Nations, Consolidated Building, *New York, NY*

U.S. New Embassy Compound (NEC), *Ankara, Turkey*

U.S. New Consulate Compound (NCC), *Lagos, Nigeria*

### SPORTS/ENTERTAINMENT

Ross Field Film Center & Rooftop Park, *Dallas, TX*

### INVESTIGATIONS

Football Stadium, *United Kingdom*

High-Rise Tower, *North America*

Peer Review, *Princeton, NJ*

LEREA