



EDWARD J. ROBERTS, P.E.

Associate Partner

As Project Director, Mr. Roberts 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 Partner-in-Charge and with the staff of other firms.

PROFESSIONAL EXPERIENCE

LERA Consulting Structural Engineers
2007 to Present

Designer, Anshen + Allen Architects, San Francisco, CA, 2006

REGISTRATION

Professional Engineer – NY

Professional Engineer – CA

EDUCATION

University of California, Berkeley
M.S. Structural Engineering, 2007

University of California, Berkeley
B.S. Civil & Environmental Engineering,
2005

University of California, Berkeley
B.A. Architecture, 2005

TEACHING

Guest Instructor, University of Pennsylvania, Spring Semester 2016, 2017, 2018, 2019, 2020 & 2021

HONORS & ACTIVITIES

Top Young Professional Award, ENR New York, 2022

Young Professional of the Year Award, ACEC National, 2018

Member, Urban Land Institute (ULI) NEXT New York, 2022 to Present

Leading Innovation in Resilient Waterfront Design Award, FAR ROC Design Competition, 2013

Team Member/Lead Designer, Construction New York, 2007 to Present

LABORATORY/RESEARCH

3151 Market Street, Philadelphia, PA

3025 JFK Blvd, Philadelphia, PA

650 Park Ave, King of Prussia, PA

Schuylkill Yards Development, Philadelphia, PA

EDUCATION/LIBRARIES

Temple University, Charles Library, Philadelphia, PA

SUNY Stony Brook Indoor Practice Facility, Stony Brook, NY

Success Academy Bronx Campus, Bronx, NY

OFFICE/MIXED-USE

3151 Market Street, Philadelphia, PA

Schuylkill Yards Development, Philadelphia, PA

4 World Trade Center, New York, NY

1800 Arch Street Competition, Philadelphia, PA

PNB 118, Kuala Lumpur, Malaysia

Lotte World Tower, Seoul, South Korea

Lusail Plaza Towers, Doha, Qatar

Nakheel Tall Tower, Dubai, UAE

Tradewinds Square, Kuala Lumpur, Malaysia

Minmetals Tower, Shenzhen, China

Sentra Sudirman, Jakarta, Indonesia

RESIDENTIAL/HOTEL

Schuylkill Yards Development, Philadelphia, PA

1800 Arch Street Competition, Philadelphia, PA

Mabarak Center, Lahore, Pakistan

BRIDGES/LANDSCAPE

Suzhou Centre Landscaped Pedestrian Bridges, Suzhou, China

Lucas Museum of Narrative Art – Landscape, Los Angeles, CA

Temple University, Charles Library – Green Roof, Philadelphia, PA

MUSEUMS/CULTURAL

Rock 'N' Roll Hall of Fame Renovation & Expansion, Cleveland, OH

NASCAR Hall of Fame and Museum, Charlotte, NC

NASCAR Hall of Fame and Museum – Roof Addition, Charlotte, NC

Lucas Museum of Narrative Art, Los Angeles, CA

Henkel Innovation Center, Shanghai, China

Mauritius Parliament Center, Mauritius

SCULPTURES

Richard Serra, "7," Doha, Qatar

DESIGN COMPETITIONS

NASA 3D-Printed Habitat Challenge – Phase 1 & 3, Mars

PAPERS & TALKS

Co-Presenter, "Reimagined in Steel: Charles Library at Temple University," AISC's Philadelphia Steel Day Webinar, *September 2021*

Presenter, "The Innovative Design of Charles Library at Temple University in Philadelphia," ASCE Met Section, *February 2021*

Invited Presenter, "Design Using High-Performance Concrete and Construction Method for Lotte World Tower in Seoul," ACI Concrete Convention, *October 2019*

Guest Lecturer, "Structural Challenges of the Super-tall Merdeka PNB118 Tower," Princeton University, *April 2018*

Guest Lecturer, "Tall Building Systems," University of Southern California, *April 2018*

Presenter, Design+, HOK, *May 2018*

PEER REVIEWS

1 Manhattan West SE Tower, *New York, NY*

Springlight City Residential & Commercial Development, *Ho Chi Minh City, Vietnam*

Spirit Surfers Paradise Development, *Brisbane, Australia*

The Four Seasons Place, *Kuala Lumpur, Malaysia*

The CTF Tianjin, *Tianjin, China*

Shanghai International Finance Center, *Shanghai, China*

Busan Lotte Tower, *Busan, South Korea*

RP One Tower, *Dubai, UAE*

AFD Complex Skylight, *Almaty, Kazakhstan*

INVESTIGATIONS

Office Tower, *Mumbai, India*

U.S. Embassy, *Kingston, Jamaica*