



Megan Reese

PE

Regional Manager and Senior Managing Engineer

Department

Engineering Services

Tel: (917) 601-6125

Email: megan.reese@yaeservices.com

Locations

New York, NY

Biography

Megan Reese joined YA Engineering Services in 2020. She is a licensed Professional Engineer with 20 years of experience in the investigation, evaluation, and repair of structures and building envelopes. She has conducted property loss assessments on buildings and infrastructure to evaluate damage resulting from hurricanes, fire, snow, water intrusion, overloading, and adjacent construction. Additional practice areas include construction defect investigation and litigation support. Her engineering and construction experience encompasses all project phases, including condition assessment, repair design, development of construction documents, and construction administration, both for structural systems and building envelopes. Ms. Reese has experience with a wide variety of historical and contemporary structure types and materials, ranging from 19th-century cast-iron buildings to reinforced concrete infrastructure.

Credentials

- PE | Professional Engineer

Representative Consulting Assignments

- New York Life Building | New York, NY | Assessment and repair design to structural steel frame and limestone cladding at the 1920s landmarked building.
- Building Envelope Construction Defect Investigation & Litigation Support | Confidential | Evaluation of facade and roof components of a recently constructed eight-story residential building.
- Concrete Defect at Bridge Substructure | Confidential | Determination of cause of poorly consolidated concrete in bridge piers and abutments for Builder's Risk claim.
- Arena Space Truss | Confidential | Condition assessment, structural evaluation, and code analysis for steel frame space truss in large athletic facility.
- Concrete Balcony Investigation & Repairs | Queens, NY | Evaluation and repair design for 120 severely deteriorated cantilever balconies at three 20-story residential buildings constructed ca. 1960.
- Flood Damage during Bridge Construction | Various locations | Determination of extent of flood-related damage to 100+ bridges under construction during nine separate flood events for Builder's Risk claim.
- Parking Garage Collapse | East Orange, NJ | Investigation and determination of cause of collapse of three-story post-tensioned concrete structure.

Professional Experience

- 2023 - Current | Regional Manager and Senior Managing Engineer | YA Engineering Services
- 2021 - 2023 | Senior Managing Engineer | YA Engineering Services
- 2020 - 2021 | Senior Regional Supervisor | YA Engineering Services

- 2017 - 2020 | Associate | DeSimone Consulting Engineers
- 2015 - 2017 | Associate | EDG Architecture and Engineering
- 2008 - 2015 | Associate III | Wiss, Janney, Elstner Associates, Inc.
- 2004 - 2006 | Bridge Engineer | TranSystems Corporation

Area of Practice

- Damage Assessment
- Failure Analysis
- Litigation Support
- Repair and Rehabilitation Design
- Structural Analysis

Education

- Massachusetts Institute of Technology - M.S. - Building Technology - Cambridge - Massachusetts
- Case Western Reserve University - B.S. - Civil Engineering - Cleveland - Ohio

Affiliations

- Structural Engineers Association of New York (SEAoNY)

Licenses

- 91357 - Florida - Professional Engineer
 - 44934 - Louisiana - Professional Engineer
 - 56423 - Massachusetts - Professional Engineer
 - 89407 - New York - Professional Engineer
 - 91843 - Pennsylvania - Professional Engineer
 - 24GE05994600 - New Jersey - Professional Engineer
 - 149725 - Texas - Professional Engineer
 - 40001513 - District of Columbia - Professional Engineer
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