



PERSONNEL QUALIFICATIONS

Jaret M. Lynch | Principal and Unit Manager



EDUCATION

- Rensselaer Polytechnic Institute
 - Bachelor of Science, Civil Engineering, 2000
- University of Illinois at Urbana-Champaign
 - Master of Science, Structural Engineering, 2002

PRACTICE AREAS

- Difficult Access Inspection
- Facade Assessment
- Failure Investigation
- Historic Preservation
- Repair and Rehabilitation Design
- Structural Analysis/Computer Modeling
- Structural Evaluation
- Testing and Instrumentation

REGISTRATIONS

- Professional Engineer in CT and NY

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- Structural Engineers Association of New York (SEAoNY)

CONTACT

jlynch@wje.com
203.944.9424
www.wje.com

EXPERIENCE

Since joining WJE as a structural engineer in 2002, Jaret Lynch's project experience has included facade condition assessments of historic buildings and churches; structural analysis and repair design; and testing of masonry, curtain walls, and windows. He has also performed facade condition assessments using industrial rope access techniques.

During his graduate studies, Mr. Lynch served as a research assistant, contributing to the Mid-America Earthquake Center project ST-6 funded by the National Science Foundation. This research included the testing of full-scale unreinforced masonry piers under seismic loading. Mr. Lynch also led his school's American Institute of Steel Construction/American Society of Civil Engineers steel bridge teams to the national competition level.

REPRESENTATIVE PROJECTS

Difficult Access Inspection

- Yale University, Hall of Graduate Studies - New Haven, CT: Condition assessment of brick masonry
- Yale University, Harkness Tower - New Haven, CT: Condition assessment of stone masonry
- Veterans Administration Hospitals: Condition assessments of various hospital buildings

Facade Assessment

- 205 Church Street - New Haven, CT: Condition assessment and restoration of masonry facade
- Yale University, Laboratory for Epidemiology and Public Health - New Haven, CT: Condition assessment, repair, and cleaning of limestone facade

Failure Investigation

- 100 Summit Lake Drive - Valhalla, NY: Investigation of glass atrium damaged by tornado
- Columbia University, Lenfest Hall - New York, NY: Investigation of cladding failure
- R.C. Lee High School - New Haven, CT: Investigation of shear cracking of concrete girders

Historic Preservation

- New York Life Building - New York, NY: Condition assessment and repair of limestone cladding
- Yale University, Sterling Memorial Library - New Haven, CT: Condition assessment of leaded glass windows and masonry facade

Structural Analysis/Computer Modeling

- Argonaut Building - New York, NY: Glass storefront engineering
- 444 Madison Avenue - New York, NY: Structural analysis for cooling tower replacement and lobby renovations

Structural Evaluation

- Major Restaurant Chain: Inspection, analysis, and repair of roof trusses
- Major Retail Chain: Inspection, analysis, and monitoring of roof framing

Testing and Instrumentation

- Capital Preparatory Magnet School - Hartford, CT: Full-scale load testing of concrete floor joists
- Citicorp Building - New York, NY: Load testing of suspended scaffold anchorages
- Health Services Center: Air and water infiltration testing of building envelope