



PERSONNEL QUALIFICATIONS

Jaret M. Lynch | Associate 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 schools' 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 - 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