PERSONNEL QUALIFICATIONS

Joseph A. Standley | Senior Associate

EDUCATION

- Lehigh University
  - Bachelor of Arts, Architecture, 2007
  - Bachelor of Science, Civil Engineering, 2007
- The Pennsylvania State University
  - Master of Science, Architectural Engineering, 2009

PRACTICE AREAS

- Building Enclosure Consulting
- Instrumentation/Monitoring/ Load Testing
- Masonry
- Facade Assessment
- Water/Air Leakage Assessment
- Windows and Curtain Walls
- Peer Review

REGISTRATIONS

- Professional Engineer in CO and UT

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers

CONTACT

jstandley@wje.com
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EXPERIENCE

Joseph Standley has experience in architectural and structural investigations, having completed projects ranging from facade inspections to structural load tests and material testing. He regularly provides building enclosure consulting and peer review services for new construction projects.

Much of Mr. Standley's work has been focused on exterior wall assemblies, and most notably, air barriers and curtain wall systems. He has coordinated whole-building air leakage tests for several large new construction projects and has participated in the design, laboratory testing, and troubleshooting of curtain walls.

Prior to joining WJE, Mr. Standley researched the design and structural capacity of a new type of load-bearing panelized wall system. His research involved dynamic racking tests in accordance with CUREE/ASTM E-2126 and compression load testing in accordance with ASTM E72.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- Owensboro Health Replacement Hospital - Owensboro, KY: Building enclosure commissioning, peer review, and construction observation
- Maine General Health, New Regional Hospital - Augusta, ME: Building enclosure commissioning, peer review, and construction observation
- Harvard Art Museum - Cambridge, MA: Building enclosure commissioning, observation of functional testing, and whole-building air leakage testing
- Saint Louis Art Museum - MO: Building enclosure peer review and construction observation
- Brigham Building for the Future - Boston, MA: Curtain wall consulting

Instrumentation/Monitoring/Load Testing

- Fenway Park - Boston, MA: Seating surface waterproof coating adhesion testing
- 601 Congress Street - Boston, MA: Load testing and instrumentation of roof terrace glass guardrail
- University of Massachusetts, Integrated Science Building - Boston: Sampling and testing of methane barrier application
- Rhode Island Statehouse - Providence: Installation and long-term monitoring of temperature, humidity, and moisture sensors above historic plaster dome ceiling
- FM Global Headquarters - Johnston, RI: Load testing and instrumentation of concrete floor slab

Masonry

- Bank of America - Providence, RI: Difficult access assessment of limestone facade
- 200 Berkeley Building - Boston, MA: Masonry repairs and repointing
- Boston College, McGuinn Hall - MA: Masonry repairs and repointing
- 185 Franklin Street - Boston, MA: Difficult access assessment of limestone facade

Facade Assessment

- 1515 Wynkoop Street - Denver, CO: Facade assessment and maintenance plan
- Tufts University - Medford, MA: Assessment of exposed concrete frame and brick veneer, and repair design
- Boston Design Center - Boston, MA: Facade inspection and repair of exposed concrete frame and canopy elements
- 1330 Boylston Street - Boston, MA: Facade ordinance inspection
- One Boston Place - Boston, MA: Facade ordinance inspection

Water/Air Leakage Assessment

- Mercy Hospital - Portland, ME: Water penetration investigation and repair design
- Suffolk University - Boston, MA: Water penetration testing and investigation
- 245 Summer Street - Boston, MA: Water leakage investigation and design of curtain wall modifications