



PERSONNEL QUALIFICATIONS

Joshua M. Jaskowiak | Senior Associate



EXPERIENCE

Joshua Jaskowiak is an architectural and preservation engineer with experience in masonry and timber structures, historic preservation, and facade and building enclosure investigations and repair. Since joining WJE in 2016, he has worked on various projects, including assessment and repair of historic masonry facades and structural systems, investigation of air and water leakage in building enclosures, assessment of heavy timber structures, and repair to metal plate-connected wood trusses.

While attending the Pennsylvania State University, Mr. Jaskowiak wrote his integrated undergraduate and graduate thesis on the design of gravity and lateral force resisting systems of tall wood structures.

REPRESENTATIVE PROJECTS

Historic Preservation

- The Pennsylvania State University, Old Main - University Park: Design and construction administration of foundations for reconstructed stone masonry stairs; stone masonry, roofing, and facade repairs; analysis of existing steel roof framing; design of new fall arrest anchorage system
- Center Church on the Green - New Haven, CT: Survey and construction administration of repairs to the 1812 Ithiel Town steeple, roof, facade, and crypt
- Lincoln Lewis Vannoy - Springfield, VA: Survey and documentation of existing timber and stick-framed wood structure for Historic Structures Report
- Clemyjontri House and Ash Grove House - Fairfax County, VA: Survey and documentation of exterior envelope components and interior architectural finishes as part of treatment condition assessments

Masonry Assessment and Repair

- Skim Milk Bridge - West Bridgewater, MA: Assessment of nineteenth-century unreinforced stone masonry bridge
- Arlington National Cemetery - Arlington, VA: Construction administration services for waterproofing replacement and masonry repairs
- St. Roch Church - Greenwich, CT: Design and construction administration services for historic masonry and building enclosure repairs

Wood Failure/Damage Investigations

- Wood Shell Dome Failure Investigation - Montreal, Canada: Field investigation of existing wood shells and analysis of wood members and connections
- Wood Truss Failure Investigations - Nationwide U.S.: Field investigation and structural analysis of existing metal plate connectors and wood truss members at multifamily residential properties

Building Enclosure Investigation and Repair

- Watergate West Roof - Washington, D.C.: Condition assessment, design, and construction administration of roof membrane replacement and rooftop amenity space restoration
- German Embassy - Washington, D.C.: Installation and monitoring of environmental instrumentation to diagnose sources of air infiltration and condensation within an exterior wall assembly

EDUCATION

- The Pennsylvania State University
 - Bachelor of Architectural Engineering, Structures Option, 2016
 - Master of Architectural Engineering, Structures Option, 2016

PRACTICE AREAS

- Historic Preservation
- Masonry Assessment and Repair
- Wood Structures
- Failure/Damage Investigations
- Facade Assessment
- Building Enclosure Investigation and Repair

REGISTRATIONS

- Professional Engineer in PA and RI

PROFESSIONAL AFFILIATIONS

- Association of Preservation Technology - Northeast Chapter (APTNE)

TECHNICAL COMMITTEES

- Association of Preservation Technology - APT Preservation Engineer Technical Committee (PETC) Student Competition Subcommittee

CONTACT

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