



EXPERIENCE

Josh Jaskowiak is an architectural and preservation engineer with experience in masonry and timber structures, historic preservation, facade and building enclosure investigations, and repair. His interdisciplinary projects include assessment and repair of historic masonry facades, roofing assemblies, and structural systems; investigation of air and water leakage in building enclosures; assessment of heavy timber, structural metal, and masonry 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 1812 Ithiel Town steeple, roof, facade, crypt, and masonry
- Yale University, Lawrence, Farnam, and Welch Halls - New Haven, CT: Condition assessment and construction administration of clay brick, sandstone, and bluestone repairs' slate roof replacement and sheet metal repairs
- Lincoln Lewis Vannoy - Springfield, VA: Survey and documentation of existing timber and stick-framed wood structure for Historic Structures Report
- Clemjontri House and Ash Grove House - Fairfax County, VA: Survey and documentation of enclosure and interior architectural finishes as part of treatment condition assessments
- Skim Milk Bridge - West Bridgewater, MA: Assessment of nineteenth-century unreinforced stone masonry bridge
- Arlington National Cemetery - Arlington, VA: Construction administration for waterproofing and masonry repairs

- St. Roch Church - Greenwich, CT: Design and construction administration for historic masonry and building enclosure repairs
- St. John's Episcopal Church - Washington, CT: Investigation and repair of historic granite and cast stone masonry
- St. Theresa Church - Trumbull, CT: Investigation and repair of water leaks in masonry and stained glass windows
- Perry Memorial Arch - Bridgeport, CT: Design of granite mass masonry repairs and roof replacement
- New York Life Building - New York, NY: Condition assessment of historic bronze windows and construction administration of masonry repairs

Wood Failure/Damage Investigations

- Wood Shell Dome Failure Investigation - Montreal, QC: Investigation of existing wood shells and analysis of wood members and connections
- Wood Truss Failure Investigations - US Nationwide: Investigation and structural analysis of existing metal plate connectors and wood truss members at multifamily residential properties

Building Enclosure Investigation, Repair, and Consulting

- 1330 Boylston Street - Boston, MA: Investigation and repair of insulated metal panel and storefront facades and rope access inspection.
- University of Connecticut, Hugh Greer Field House - Storrs, CT: Investigation and repair of various brick masonry and storefront window assemblies
- Watergate West Roof - Washington, D.C.: Condition assessment, design, and construction administration of roof membrane replacement and rooftop amenity space restoration
- Amherst College Lyceum - Amherst, MA: Construction phase field observations and brick masonry in situ destructive testing
- Yale University, Bingham Hall - New Haven, CT: Investigation and repair of water leaks in historic clay brick masonry and roofing

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
- Wood Failure/ Damage Investigations
- Facade Assessment
- Building Enclosure Investigation, Repair, and Consulting
- Repair and Rehabilitation Design

REGISTRATIONS

- Professional Engineer in CT, PA, and RI

PROFESSIONAL AFFILIATIONS

- Association of Preservation Technology - Northeast Chapter (APTNE)

TECHNICAL COMMITTEES

- APT - Preservation Engineer Technical Committee, Student Competition Subcommittee

CONTACT

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