



EDUCATION

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

PRACTICE AREAS

- Historic Preservation
- Failure/Damage Investigations
- Facade Assessment
- Structural Analysis
- Repair and Rehabilitation

PROFESSIONAL AFFILIATIONS

- Association of Preservation Technology (APT)
- Structural Engineers Association of Metropolitan Washington (SEA-MW) Young Members Group, past president
- Timber Frame Engineering Council (TFEC)
- Timber Framers Guild (TFG)

CONTACT

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EXPERIENCE

Since joining the Washington, D.C. office as a full-time associate in 2016, Josh Jaskowiak has gained experience in performing facade investigations, condition assessments, and structural failure investigations. Mr. Jaskowiak has worked on a variety of projects, including wood-framed structures, brick and stone masonry wall systems, steel framing retrofit design, and fall protection systems. He has also been actively engaged in projects related to construction observation and field quality assurance.

Mr. Jaskowiak attended the Pennsylvania State University where he 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, PA: Design and construction administration of foundations for reconstructed stone masonry stairs as well as stone masonry, roofing, and facade repairs; analysis of existing steel roof framing and design of a new fall arrest anchorage system
- Arlington National Cemetery - Arlington, VA: Construction administration services for waterproofing replacement and masonry repairs
- Lincoln Lewis Vannoy - Springfield, VA: Survey and documentation of existing timber and stick-framed wood structure for a 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

Failure/Damage Investigations

- Wood Truss Failure Investigation - College Park, MD: Field investigation and structural analysis of existing metal plate connectors and wood truss members
- Wood Truss Failure Investigation - Milford Mill, MD: Investigation and analysis of wood truss progressive collapse
- Chillum Place - Washington, D.C.: Investigation of existing steel framing, precast members, and foundations after fire-related loss

Structural Analysis

- Blair Tower Solar Panel Array Investigation - Silver Spring, MD: Analysis of existing open-web steel joists and steel framing to accommodate the addition of a photovoltaic solar panel array

Repair and Rehabilitation

- National Precast Manufacturer - Various Locations Nationwide: Visual assessment of installed precast members and connections
- 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

Construction Troubleshooting

- The Wharf - Washington, D.C.: On-site observation and quality assurance of building envelope, including masonry cavity wall assemblies, hot-rubberized asphalt roofing membrane, and fenestration assemblies; building envelope detail development and coordination
- HITT Co|Lab - Fairfax, VA: On-site observation and quality assurance of building envelope, including styrene-butadiene-styrene roofing membrane, exterior sheathing and air-weather barrier, metal wall panel, and fenestration assemblies