

Julie M. Palmer | Associate Principal



EDUCATION

- Syracuse University
 - Bachelor of Science, Environmental Design for Interiors, 2000
- Columbia University
 - Master of Science, Historic Preservation, 2002
- University of Pennsylvania
 - Master of Architecture, 2007

PRACTICE AREAS

- Roofing and Waterproofing
- Roof Assessment and Design
- Repair and Rehabilitation
- Historic Preservation
- Construction Troubleshooting
- Building Enclosure Consulting
- Water/Air Leakage Assessment

REGISTRATIONS

- LEED Accredited Professional
- Registered Roof Observer

PROFESSIONAL AFFILIATIONS

- Association for Preservation Technology International - Delaware Valley Chapter
- International Institute of Building Enclosure Consultants, Secretary/Treasurer
- National Roofing Contractors Association
- National Women in Roofing

CONTACT

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EXPERIENCE

Julie Palmer has more than eighteen years of experience working on roof restoration and rehabilitation projects, primarily for existing and historic buildings. Ms. Palmer has worked on projects involving a large variety of building types, including academic, commercial, residential, ecclesiastical, and museums. She has technical experience with a wide range of steep-slope and low-slope roofing systems, both historic and modern, as well as associated building materials and construction systems. She also has experience working closely with contractors during design and construction to perform test openings, ensure constructability of the designed work, and troubleshoot field conditions. Ms. Palmer is the recipient of numerous project and document competition awards and currently serves on the board of the International Institute of Building Enclosure Consultants as the Region I Director.

Prior to joining WJE in 2018, Ms. Palmer was an associate at Levine & Company, a roof and building envelope consulting firm specializing in historic building materials and systems.

REPRESENTATIVE PROJECTS

Roofing and Waterproofing

- Tuscany Condominiums - Atlanta, GA: Condition assessment followed by design of steep-slope concrete tile roof replacement for four buildings
- Pier 3, Atrium Waterproofing and Structural Rehabilitation - Philadelphia, PA: Replacement of 14,000-square-foot liquid-applied waterproofing system below a concrete topping slab
- Glencairn North Porch Roof Replacement - Bryn Athyn, PA: Replacement of existing built-up roofing system with new liquid-applied membrane roofing system
- University of Pennsylvania, Module VII Chiller Plant - Philadelphia: Replacement and upgrade of 35,000-square-foot modified bitumen roof system *

Roof Assessment and Design

- Lutheran Church of the Redeemer - Atlanta, GA: Assessment of nineteen separate roof areas, including PVC, slate, built-up, and standing seam metal roofing systems
- Mt. Mercy University - Cedar Rapids, IA: Roof condition assessment for three buildings on campus, including slate, terra cotta tile, composition shingle, and EPDM roofing systems
- Delaware County Courthouse (c. 1850) - Media, PA: Condition assessment of existing modified bitumen, built-up, EPDM, batten seam copper, and asphalt shingle roofs at the courthouse
- Ardmore Presbyterian Church - Ardmore, PA: Condition assessment followed by multiphase roof repair program for seventy- and one hundred-year-old slate roofs

Repair and Rehabilitation

- Academy of Music - Philadelphia, PA: Condition assessment followed by roof repair program for standing seam roofs of National Historic Landmark theater
- First Presbyterian Church (c. 1872) - Philadelphia, PA: Roof repair program for church, including slate and modified bitumen roofing as well as flashing and gutter repairs
- Penn State at the Navy Yard - Philadelphia, PA: Repair scope for existing TPO roofs, including localized replacement of deteriorated structural insulated panel roof decking
- Blair County Courthouse (c. 1875) - Hollidaysburg, PA: Multiphase rehabilitation design for Gothic-style courthouse, including new flat seam copper and slate roofing, and repair of existing lead roofing *

Water/Air Leakage Assessment

- WellSpan York Hospital, East Wing - York, PA: Leak investigation, including impedance scanning, probes, and infrared thermography to determine the presence and extent of moisture below an existing modified bitumen roof
- University of Pennsylvania, Golkin Hall - Philadelphia: Leak investigation to identify multiple leak sources at eight-year-old vegetated roofs

* Indicates with previous firm