PERSONNEL QUALIFICATIONS

Julie M. Palmer | Associate III

EDUCATION

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

PROFESSIONAL AFFILIATIONS

- Association of Preservation Technology International - Delaware Valley Chapter
- National Roofing Contractors Association
- National Women in Roofing
- RCI, Inc. - Delaware Valley Chapter, president

CONTACT

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EXPERIENCE

Julie Palmer has fifteen years of experience working on building envelope restoration and rehabilitation projects, with a specific focus on roofing. 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 the design and construction phases of a project 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 is active in several roofing and historic preservation organizations.

Prior to joining WJE in 2018, Ms. Palmer was an associate at Levine & Company, a roof and building envelope consulting firm specializing in the conservation of historic building materials and systems. While there, she was responsible for project management, survey and analysis of existing roofing systems and building materials, report writing, construction documentation and observation, and leak investigations.

REPRESENTATIVE PROJECTS

Roofing and Waterproofing

- The University of Pennsylvania, Module VII Chiller Plant - Philadelphia: Replacement and upgrading of 35,000- square-foot modified bitumen roof system*
- The University of Pennsylvania, Quad Bay Roofs - Philadelphia: Replacement of low-slope roofing and flashings and improvement of roof drainage at four bays*
- 1733 Spring Garden Street - Philadelphia, PA: Replacement of Dutch-lap style slate roofing at the 1878 main house and carriage house*
- Vassar College, All Campus Dining Center - Poughkeepsie, NY: Multiphase roof replacement of steep-slope and low-slope roofs, including slate roofing, copper built-in gutters, and liquid-applied membrane waterproofing systems*

Roof Assessment and Design

- Bradford County Courthouse - Towanda, PA: Two-phase feasibility study followed by replacement of existing roofing at the main roof and dome with new batten seam and flat seam copper roofing systems*
- American Swedish Historical Museum - Philadelphia, PA: Assessment of partial blow-off of existing standing seam copper roof, followed by roof and gutter repairs and replacement of the damaged roof area*
- The University of Pennsylvania, Hayden Hall - Philadelphia: Condition assessment for slate roofs and built-in gutter systems at the c.1896 dental school building*

Repair and Rehabilitation

- Blair County Courthouse - Hollidaysburg, PA: Multiphase rehabilitation program for c.1875 Gothic-style courthouse, including new flat seam copper and slate roofing, thru-wall flashings and coping caps, and repair of existing lead roofing*
- Valley Forge National Historic Park, Washington Memorial Chapel - Valley Forge, PA: Condition assessment for the chapel's ten steep-slope and low-slope roofs followed by multiphase roof repair and sanctuary built-in gutter replacement*
- Bryn Athyn Church School- Bryn Athyn, PA: Condition assessment followed by immediate repair program for the school's fourteen standing seam metal, modified bitumen, and BUR roof systems*
- Mount Vernon Place, Washington Monument - Baltimore, MD: Installation of new waterproofing system at the existing stepped marble terrace*

Water/Air Leakage Assessment

- Bryn Athyn Cathedral - Bryn Athyn, PA: Flood testing to determine the source of elusive roof leaks and recommend appropriate repairs*
- Terracina - Coatesville, PA: Leak investigation for the wood shingle roof and brick chimneys at the 1848 house museum*

**Projects with previous firm*