PERSONNEL QUALIFICATIONS

Camille C. Stefani | Senior Associate

EDUCATION

- The Pennsylvania State University
  - Bachelor of Architectural Engineering, structures option, 2018
  - Master of Architectural Engineering, structures option, 2018

PRACTICE AREAS

- Building Enclosure Consulting
- Peer Review
- Water/Air Leakage Assessment
- Building Science
- Thermal Analysis
- Building Enclosure Commissioning
- Repair and Rehabilitation

REGISTRATIONS

- Professional Engineer in VA

PROFESSIONAL AFFILIATIONS

- Architectural Engineering Institute
- Structural Engineering Association

CONTACT

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EXPERIENCE

Camille Stefani has experience in building enclosures and building science consulting through the performance of services, including failure investigation, development of repair drawings and details, thermal performance evaluation, field testing for air and water penetration resistance, design review, and construction observation of exterior building enclosure components and systems. Ms. Stefani's projects include various architectural materials, components, and systems, including masonry cavity wall and mass wall construction, precast and cast-in-place concrete, below- and above-grade waterproofing, roofing systems, metal panel rainscreen systems, EIFS, aluminum and vinyl windows, storefronts, and curtain walls.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- Lincoln at Wiehle Station - Reston, VA: Review of exterior enclosure during construction
- Paul VI Catholic High School - Loudoun, VA: Review of exterior enclosure during construction, including spray-applied air barrier foam
- Pike and Rose Development - North Bethesda, MD: On-site construction services for enclosure, including unitized curtain wall; peer review of design documents
- Potomac Yard D West Residential - Arlington, VA: Construction period services for total exterior enclosure
- Silverstone Harborchase of Fairfax Assisted Living Facility - Vienna, VA: On-site construction services for total enclosure; peer review of design documents

Peer Review

- 2001 Aliceanna Street - Baltimore, MD: Peer review of design documents
- Bowie State University, Living Learning Residence Hall - Bowie, MD: Peer review of design documents
- Faraday Park - Reston, VA: Peer review of design documents and review of exterior enclosure during construction
- Graham Park Redevelopment - Falls Church, VA: Peer review of design documents
- Goucher College, Science Research Center at Hoffberger - Baltimore, MD: Peer review of design documents
- Halley Rise - Reston, VA: Peer review of design documents and review of exterior enclosure during construction

Water/Air Leakage Assessment

- 1469 Harvard Street - Washington, D.C.: Water leakage investigation at multiple building enclosure components, including roofing and doors
- Chevy Chase Lake Drive Multifamily Development - MD: Spray efficacy testing at windows and storefronts during construction
- Pentagon Centre - Arlington, VA: Hose nozzle spray efficacy testing at building joints during construction

Thermal Analysis

- Elizabeth Square - Washington, D.C.: Thermal analysis of various enclosure systems using THERM at mixed-use development
- University of New Haven, Buckman Hall - West Haven, CT: Thermal analysis of existing wall assembly and proposed new cladding systems using THERM

Building Enclosure Commissioning

- George Mason University, Robinson Hall B - Fairfax, VA: Design peer review and construction period services

Repair and Rehabilitation

- Cosmos Club - Washington, D.C.: Condition assessment using visual examination; repair recommendations
- Johns Hopkins University, Applied Physics Lab Building 12 - Laurel, MD: Development of design documents for replacement of waterproofing, through-wall flashing, and curtain wall
- Kennedy-Warren Building - Washington, D.C.: Condition and water leakage assessment using visual examination and spray efficacy testing; repair recommendations