PERSONNEL QUALIFICATIONS

Thomas Staublin | Associate III

EDUCATION

- Purdue University
  - Bachelor of Science, Civil Engineering, 2020
  - Master of Science, Civil Engineering, 2021

PRACTICE AREAS

- Building Enclosure Consulting
- Building Enclosure Commissioning
- Facade Assessment
- Water/Air Leakage Assessment
- Repair and Rehabilitation

REGISTRATIONS

- Professional Engineer in DC and MD

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council - Washington, D.C.

CONTACT

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EXPERIENCE

Since joining WJE in 2021, Thomas Staublin has gained experience on a broad range of projects relating to construction observation, field quality assurance, facade failure investigations, condition assessment, and evaluation of new and existing structures. Mr. Staublin has also been actively involved in field air leakage and water penetration resistance testing for new and existing construction following AAMA and ASTM specifications and testing standards.

Mr. Staublin's work has included investigation, rehabilitation, and new construction of various building enclosure components and systems. These systems include steel, concrete, timber, brick masonry mass and cavity walls, terra cotta, cast stone, precast concrete, porcelain tile rainscreens, metal panel rainscreens, windows and curtain walls, various roofing assemblies, as well as a range of above- and below-grade waterproofing systems.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- Museum Place - Washington, D.C.: Construction administration and observation services of the primary enclosure systems, including aluminum window wall, metal panel, and multi-ply roofing; oversight of field performance testing
- City Ridge - Washington, D.C.: Construction administration and observation services of the primary enclosure systems, including aluminum windows, storefront, stick-built curtain wall, composite metal panels, architectural precast concrete, brick, and multi-ply roofing; oversight of field performance testing
- Waterfront Station - Washington, D.C.: Construction administration and observation services of the primary enclosure systems, including below-grade waterproofing, aluminum windows, porcelain tile facade panels, composite metal panels, and multi-ply roofing

Building Enclosure Commissioning

- 1900 Crystal Drive - Arlington, VA: Construction administration and observation services of the primary enclosure systems, including below-grade waterproofing, prefabricated wall panels, aluminum window wall, windows, curtain wall, composite metal panels, porcelain tile, brick, and multi-ply roofing; oversight of mockup laboratory and field performance testing; oversight of building enclosure commissioning plan

Facade Assessment

- Georgetown Club - Washington, D.C.: Survey, evaluation, and leakage investigation of the primary building enclosure systems, including brick masonry, wood siding, standing seam metal roofing, and multi-ply roofing
- Allora Crossing - Brandywine, MD: Prepurchase due diligence survey of visible portions of the primary building enclosure systems, including vinyl windows, brick masonry, stone, fiber cement siding, and asphalt shingle roofing
- Harbour Square - Washington, D.C.: Survey of masonry facade and water leakage investigation

Water/Air Leakage Assessment

- Verona at Landover Hills Apartments - Landover Hills, MD: Below-grade water leakage evaluation and investigation; visual roof survey
- 254 E. Beaver Avenue - State College, PA: Parking garage water leakage evaluation and investigation

Repair and Rehabilitation

- London Normandy House - Arlington, VA: Survey of existing windows and precast concrete wall panels; development of repair documents; window repair observation
- Montgomery College - Takoma Park, MD: Survey and leakage investigation of building enclosure; construction drawing development for replacement of vertical elements of building enclosure
- Embassy Condominiums - Washington, D.C.: Survey of existing brick masonry and development of repair documents for facade rehabilitation