

Lauren E. Aguilar | Associate III



EDUCATION

- University of California, Berkeley
 - Bachelor of Arts, Architecture 2015
 - Bachelor of Arts, American Studies, 2015
- University of Pennsylvania
 - Master of Architecture, 2019
 - Master of Science, Historic Preservation, 2019

PRACTICE AREAS

- Historic Preservation
- Repair and Rehabilitation
- Facade Assessment
- Windows/Curtain Walls/Skylights
- Roofing and Waterproofing
- Building Enclosure Consulting
- Litigation Consulting

REGISTRATIONS

- FAA Part 107 Certified Remote Pilot

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Association of Preservation Technology International
- National Council of Architectural Registration Boards

CONTACT

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EXPERIENCE

Lauren Aguilar specializes in architectural investigation and design of various exterior building enclosure systems and materials—from historic masonry to contemporary glazing systems. Since joining WJE, she has been involved in assorted project types to broaden her experience and skill set, including historic preservation; repair and rehabilitation design; facade condition assessments and investigations; and roofing and waterproofing consulting for new, existing, and historically significant structures.

Ms. Aguilar is also helping to advance WJE's use of digital photogrammetry in the documentation of existing structures and drawing production. She is proficient in a wide palette of industry platforms, including BIM, point cloud models, drone photography, CAD/CAM design and fabrication, basic programming, and rendering.

Prior to WJE, Ms. Aguilar worked for numerous architectural design and preservation design firms. She also served as an architectural consultant on several archeological digs and as a research technician in a cross-disciplinary biomedical research lab at the University of Pennsylvania.

REPRESENTATIVE PROJECTS

Historic Preservation

- Walnut Park Plaza - Philadelphia, PA: Inspection and restoration of the National-Register-listed brick and cast stone facade
- Hotel Vine - Philadelphia, PA: Condition assessment and repair documentation of the masonry facade at the National-Register-listed former family court building
- Hispanic Society Museum and Library - New York City, NY: Renovation architectural design of terra cotta building interior *
- Joseph F. Weis, Jr. U.S. Courthouse - Pittsburgh, PA: Adaptive reuse architectural design of post office space at National-Register-listed courthouse *
- Thorsen House - Berkeley, CA: Restoration design of clinker brick and redwood site walls at National-Register-listed arts and crafts bungalow *

Repair and Rehabilitation

- Penn State at the Navy Yard - Philadelphia, PA: Condition assessment, repair design, and construction observation for existing masonry facade and roof repair scope for thermoplastic polyolefin roofs, including localized replacement of deteriorated structural insulated panels
- Tech Freire Charter School - Philadelphia, PA: Repair design and construction observation for existing masonry facade

Facade Assessment

- Comcast Center - Philadelphia, PA: Facade assessment in compliance with the City of Philadelphia facade ordinance
- Tuscany Lombardy - Baltimore, MD: Condition assessment of masonry facade
- Hennessy Hall - Madison, NJ: Condition assessment and documentation of masonry facade and site elements *

Windows/Curtain Walls/Skylights

- Polyisobutylene (PIB) Migration Investigation - Various Locations, U.S.: Inspection of insulating glass units with suspected PIB migration
- Various Locations, FL: Inspection of suspected hurricane damage at windows and sliding glass doors

Roofing and Waterproofing

- Ardmore Presbyterian Church - Ardmore, PA: Condition assessment for seventy- and one hundred-year-old slate roofs, including recommendations for repairs to address numerous active leaks
- Pier 3 Atrium - Philadelphia, PA: Replacement of 14,000-square-foot liquid-applied waterproofing system below a concrete topping slab

* Indicates with previous firms