

Harry Baker | Associate III



EDUCATION

- The Pennsylvania State University
 - Bachelor of Architectural Engineering, Structural Option, 2018
 - Master of Architectural Engineering, Structural Option, 2018

PRACTICE AREAS

- Roofing and Waterproofing
- Building Enclosure Consulting
- Water and Air Leakage Assessment
- Facade Access
- Repair and Rehabilitation
- Condition Surveys

PROFESSIONAL AFFILIATIONS

- International Institute of Building Enclosure Consultants - Delaware Valley Chapter

CONTACT

hbaker@wje.com
609.799.7799
www.wje.com

EXPERIENCE

Harry Baker is engaged in architectural and structural projects for historic and contemporary structures, including commercial, residential, pharmaceutical, academic, municipal, and healthcare buildings. Mr. Baker has experience with a range of construction materials and enclosure systems, including curtain walls and windows, brick masonry, concrete, roofing, waterproofing, and water and air barrier systems. His project work typically involves design assistance, construction observation, field verification testing, water and air leakage investigation, and condition assessments.

REPRESENTATIVE PROJECTS

Roofing and Waterproofing

- Thomas Jefferson Specialty Care Pavilion - Philadelphia, PA: Construction period services for below-grade waterproofing
- JFK International Airport, Control Tower - Queens, NY: Construction period services for existing roof replacement
- Virtua Voorhees Hospital - Voorhees Township, NJ: Construction period services for below-grade waterproofing for new healthcare building

Building Enclosure Consulting

- Princeton University, Environmental Studies and School of Engineering and Applied Science Buildings - NJ: Peer review for below- and above-grade enclosure systems, performance testing, shop fabrication of unitized curtain wall, and construction period services
- AmeriHealth Caritas, Newtown Square Headquarters - Newtown Square, PA: Peer review and design assistance services of the building enclosure design, performance testing, shop fabrication, and construction period services for a new office building
- Jersey City Public Safety Headquarters - NJ: Peer review and assistance services of the building enclosure design, performance testing, shop fabrication, and construction period services for a new government office building

Water and Air Leakage Assessment

- Granary Apartments - Philadelphia, PA: Water leakage investigation of green roof assemblies and metal panel system
- 60 Erie Street - Jersey City, NJ: Water leakage investigation of brick masonry cladding and wood window assemblies
- Symphony House - Philadelphia, PA: Investigation of precast concrete panels, terrace waterproofing, and aluminum curtain walls

Facade Access

- 2 and 3 Bala Plaza - Bala Cynwyd, PA: Testing of facade access systems
- Morris Corporate Center III - Parsippany, NJ: Testing of facade access systems
- Hilton Garden Inn - Philadelphia, PA: Testing of facade access systems

Repair and Rehabilitation

- Metropolitan Opera - New York, NY: Design of travertine repairs and preparation of construction documents
- Bharatiya Temple - Montgomeryville, PA: Water leakage testing, repair design, and construction period services for glass fiber reinforced masonry domes at a Hindu and Jain Temple
- Richmond University Medical Center - Staten Island, NY: Investigation and construction period services for repair of concrete slab at a new healthcare building