



## PERSONNEL QUALIFICATIONS

### Patrick G. Giblin | Senior Associate



#### EDUCATION

- Robert Morris College
  - Associate in Applied Science, Computer Aided Drafting, 2004

#### PRACTICE AREAS

- Water Leakage Investigation
- Roofing and Waterproofing
- Property Damage Assessments

#### REGISTRATIONS

- Registered Roof Consultant
- Registered Roof Observer

#### PROFESSIONAL AFFILIATIONS

- International Institute of Building Enclosure Consultants (IIBEC), Chicago Area Chapter Board of Directors (2020–Present)

#### CONTACT

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#### EXPERIENCE

Since joining WJE in 2011, Patrick Giblin's work has been focused primarily on the investigation/assessment, testing, design, and construction of roofing (low-slope and steep-slope) and waterproofing systems. He has experience working with various materials, including built-up, modified bitumen, polyvinyl chloride (PVC), thermoplastic polyolefin (TPO), ethylene propylene diene monomer (EPDM), polymethyl methacrylate (PMMA), hot-rubberized asphalt, slate, cedar shakes and shingles, architectural and structural sheet metal, and asphalt composite shingles.

#### REPRESENTATIVE PROJECTS

##### Water Leakage Investigation

- 933 West Van Buren - Chicago, IL: Roof and penthouse leak investigation at mid-rise condominium building
- Dearborn Tower - Chicago, IL: Solarium and roof leak investigation at high-rise condominium building
- 1920 North Maud - Chicago, IL: Terrace roof and door leak investigation at multifamily townhouse-style condominium complex
- 2040 North Mohawk - Chicago, IL: Copper mansard, roof, and building wall leak investigation at three-story, single-family residence

##### Roofing and Waterproofing

- Willis Tower - Chicago, IL: Roofing replacement design and construction administration of modified bitumen roofing systems at various roof areas
- Tribune Tower - Chicago, IL: Modified bitumen roofing system replacement design and construction observations at various roof areas
- Old Chicago Post Office - IL: Roofing replacement design and construction observations of a hot-rubberized asphalt inverted roof assembly and modified bitumen roofing systems at all roof areas, and electronic leak detection at the plaza
- Bankers Life Fieldhouse - Indianapolis, IN: Roofing replacement design and construction observations of PVC roofing systems at all roof areas of a basketball arena that is home to NBA and WNBA teams

- Victory Field - Indianapolis, IN: Roofing replacement design of PVC roofing systems at all roof areas of a baseball stadium that is home to a Minor League baseball team
- 300 South Riverside Plaza - Chicago, IL: Roofing replacement design and construction administration of a hot-rubberized asphalt inverted roofing membrane assembly at the main roof; electronic leak detection at the plaza level
- Duke University, Duke Memorial Chapel - Durham, NC: Roofing replacement design and construction observations of lead-coated copper and PVC roofing systems at all roof areas
- Indiana War Memorial - Indianapolis: Roofing replacement design and construction observations of a lead coated copper sheet metal roofing system on mid-rise monument structure
- King-Bruwaert House - Burr Ridge, IL: Roofing replacement design of a slate roofing system at a low-rise independent and assisted living facility
- Solorio Academy - Chicago, IL: Investigation and waterproofing repair design and construction observations of a hot-rubberized asphalt waterproofing system at the front entry plaza of a high school
- University of Iowa - Iowa City: Roofing system electronic leak detection and moisture scans at Petersen residence hall and the Children's Hospital
- Iowa State University - Ames: Roofing system electronic leak detection and moisture scans at Buchanan residence hall and the Advanced Teaching and Research Building

##### Property Damage Assessments

- Various Projects: Commercial, industrial, multifamily, and single-family residential assessments of fire, wind, hail, and water intrusion damage