



EDUCATION

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

PRACTICE AREAS

- Roofing and Waterproofing
- Computer Aided Drafting
- Water Penetration Testing
- Construction Observation Services
- Condition Assessment
- Weld Inspection

REGISTRATIONS

- Registered Roof Observer

CONTACT

pgiblin@wje.com
312.372.0555
www.wje.com

EXPERIENCE

Patrick Giblin joined WJE in 2011, bringing five years of architectural drafting and four years of project coordination experience. Since joining WJE, he has been involved in roofing investigations, water testing, weld inspection, assisting in collapse investigations, sample collection, and construction observation. Mr. Giblin also is proficient in AutoCAD, with expertise ranging from diagrammatical illustrations to permitted construction documents.

Mr. Giblin also has approximately two years of experience in residential and commercial construction as a laborer/apprentice.

REPRESENTATIVE PROJECTS

Roofing and Waterproofing

- Kensington Institute - Mount Prospect, IL: Infrared scan of PVC roofing system and identification of water infiltration and damaged insulation
- Edward Don Facility - North Riverside, IL: Visual inspection of roof membrane, penetrations, skylight conditions, and underside of metal deck
- One Prudential Plaza - Chicago, IL: Roof and facade assessment for major renovation
- Duke University Memorial Chapel - Durham, NC: Roof survey of lead-coated copper and miscellaneous roofing systems; replacement and repair drawings
- King-Bruwaert House - Burr Ridge, IL: Slate roof survey and condition assessment; replacement and repair drawings

Computer Aided Drafting

- American Legation Building - Tangier, Morocco: Development of Historic American Building Survey (HABS) drawings
- Daley Center - Chicago, IL: Development of repair drawings for thirty-first floor facade
- Mt. Zion Church - Clarkston, MI: 3D model of roof and ponding water to estimate loads responsible for partial roof collapse

Water Penetration Testing

- 1330 West Monroe Street - Chicago, IL: AAMA method 501.2 on sliding glass door counter flashing and ASTM method D5957 on roofing membrane
- 3750 N. Lake Shore Drive - Chicago, IL: ASTM method E1105 to identify water leaks at installed exterior window
- Madonna Della Strada Chapel, Loyola University - Chicago, IL: Spray rack techniques to identify leaks in glass block windows
- Renaissance Building - Chicago, IL: Utilized ASTM method D5957 on two roofing membranes at adjacent residential units
- U.S. Federal Courthouse - Rockford, IL: Application of spray-rack techniques to identify leaks in installed exterior windows
- University of Cincinnati - Cincinnati, OH: ASTM method E1105 on installed storefront applications
- Mayo Clinic Building 662 - Rochester, MN: ASTM method E1105 on installed ribbon window applications

Construction Observation Services

- Aquascape - St. Charles, IL: Observation of demolition of collapsed building; organization of sample collection of more than fifty pieces of steel from specific locations on failed structural steel framing

Weld Inspection

- Major Retail Chain - Various Locations: Lead inspector on project, typically responsible for coordinating a crew of five other people (four contractors and one support inspector); high-volume data collection/data management