PERSONNEL QUALIFICATIONS

Patrick D. Shaughnessy | Senior Associate

EDUCATION

- University of Iowa
  - Bachelor of Arts, Communication Studies, 1991

PRACTICE AREAS

- Failure Analysis
- Peer Review
- Nondestructive Evaluation
- Plazas and Terraces
- Prepurchase Surveys
- Repair and Rehabilitation
- Roof Assessment and Design
- Roofing and Waterproofing

REGISTRATIONS

- Construction Documents Technologist
- Registered Roof Consultant
- Registered Roof Observer

PROFESSIONAL AFFILIATIONS

- Construction Specifications Institute
- International Institute of Building Enclosure Consultants - Chicago Area chapter

CONTACT

pshaughnessy@wje.com
847.272.7400
www.wje.com

EXPERIENCE

Patrick Shaughnessy has more than twenty years of experience in the roofing and waterproofing industry. He has worked as a contractor's representative and a roofing and waterproofing consultant. As a consultant, Mr. Shaughnessy has been involved in hundreds of roof assessments, utilizing the most current nondestructive technologies, such as nuclear moisture testing and infrared imaging. He has investigated water leakage, material compatibility, durability, and condensation issues on numerous projects, including the development of short- and long-term repair recommendations. These projects have often included repair and replacement design and budget estimates. Mr. Shaughnessy has experience with all major low-slope and steep-slope roofing systems, including built-up roofing, modified bitumen roofing, single-ply roof systems, slate, tile, asphalt shingle, and sheet metal roof panels.

Prior to joining WJE, Mr. Shaughnessy was a senior project manager at a building envelope consulting firm and a project manager at a firm specializing in roofing and waterproofing consulting. He has extensive experience in the preparation of roofing and waterproofing repair and replacement documents. He has also provided project management services on numerous roofing projects, from the initial assessment stage through project closeout, including all contractual administration requirements. In addition, Mr. Shaughnessy has performed design reviews for new construction projects to verify that current codes were followed and that the designs complied with manufacturer and owner requirements.

REPRESENTATIVE PROJECTS

Failure Analysis

- Beazer, Inc. - Multiple Locations, U.S.: Investigation roof insulation failures for Koppers Phenolic foam product liability assessments *
- Office Building - Schaumburg, IL: Premature roof failure analysis *
- Grocery Store - Bolingbrook, IL: Wind damage investigation *

Repair and Rehabilitation

- City of Lake Forest Train Station - IL: Slate roof replacement *
- Allstate Insurance Company - Northbrook, IL: Single-ply roofing replacements *
- Sudler, Inc. - Chicago, IL: Condominium roofing replacements *
- Private College - Ventura, CA: Tile and low-slope roofing replacements *
- St. Mary of the Lake University - Mundelein, IL: Slate roof replacement specifications and project oversight *
- Defense Contractor - Aurora, CO: Low-slope roofing replacement specifications *
- School District - Elgin, IL: Roofing repair and replacement specifications and project oversight *

Roofing and Waterproofing

- Chicago Public Schools - IL: Roofing assessments using nuclear moisture survey *
- Nuclear Power Generating Plant - Covert, MI: Leakage investigation with repair scope of work *
- Automotive Foundry - Brillion, WI: Roofing assessments, replacement specifications, and project oversight *
- Various Condominium Associations - Chicago, IL area: Roofing assessments, replacement specifications, and project oversight *

** Indicates with previous firms*