

### Julie M. Jones | Associate III



#### EDUCATION

- Washington University in St. Louis
  - Bachelor of Science, Civil Engineering, 2011

#### PRACTICE AREAS

- Roof Assessment and Design
- Roofing and Waterproofing
- Facade Assessment
- Water/Air Leakage Assessment
- Building Enclosure Consulting
- Repair and Rehabilitation

#### REGISTRATIONS

- Construction Documents Technologist
- Professional Engineer in MI

#### PROFESSIONAL AFFILIATIONS

- Association for Preservation Technology - Eastern Great Lakes Chapter
- International Institute of Building Enclosure Consultants - Great Lakes Chapter, board member

#### CONTACT

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#### EXPERIENCE

Julie Jones has a diverse background in construction and engineering as applied to the inspection, evaluation, and problem solving of new and existing building enclosure systems. She works on various projects, from facade evaluations and investigations to roofing assessments and replacements.

Before joining WJE, Ms. Jones was a project engineer and manager with firms specializing in building enclosure engineering. She has extensive experience in the investigation, design development, and construction observation of roofing and waterproofing systems. Her project management and construction contract administration experience on numerous building envelope projects ranges from the initial assessment stage through project closeout. Ms. Jones has also performed design reviews for new construction projects to assess for code compliance and to evaluate the design relative to long-term durability, as well as for manufacturer and owner requirements.

#### REPRESENTATIVE PROJECTS

##### Roof Assessment and Design

- Mies van der Rohe Housing Development - Detroit, MI: Roofing assessments, historic preservation consulting, replacement design, construction documents, and construction phase administration
- Lee Plaza Hotel - Detroit, MI: Roof assessment and conceptual replacement alternatives for historic hotel
- Metropolitan United Methodist Church - Detroit, MI: Roof assessment, replacement design, and construction document development for historic church
- General Motors - Flint, MI: Roof failure investigation, replacement design, and construction administration \*

##### Roofing and Waterproofing

- Michigan State Capitol - Lansing: Plaza waterproofing consulting and design for large underground addition
- Detroit Zoo, Polk Penguin Conservation Center - Royal Oak, MI: Investigation and repair of water infiltration, including below-grade waterproofing replacement
- Detroit City Club Apartments - MI: Rooftop terrace waterproofing replacement design and construction phase quality control

##### Facade Assessment

- Kales Building - Detroit, MI: Assessment of terra cotta and clay brick masonry elements to satisfy City of Detroit facade ordinance requirements; repair documents development and construction observation during stabilization/repair work
- Albert Kahn Building - Detroit, MI: Condition assessment, technical repair document development, and construction observation services, including limestone, granite, and brick masonry elements
- Renaissance Center - Detroit, MI: Assessment of curtain wall elements to satisfy City of Detroit facade ordinance requirements \*

##### Water/Air Leakage Assessment

- Old St. Mary's Church - Detroit, MI: Investigation and repair design for mass masonry walls and sheet metal drainage systems
- University of Michigan, Hatcher Library - Ann Arbor: Below-grade water infiltration investigation
- National Building Museum - Washington, D.C.: Investigation and design of sheet metal roofing, built-in gutter flashing, and snow guard systems \*

##### Building Enclosure Consulting

- The Standard - Ann Arbor, MI: Design phase peer review and construction phase quality control services
- Gordie Howe International Bridge - Detroit, MI: Building enclosure consulting services for the U.S. point of entry

##### Repair and Rehabilitation

- United Auto Workers Headquarters Building - Detroit, MI: Condition assessment of glass, metal facade panels, and roofing following fire loss
- Ford Book Depository Building - Detroit, MI: Masonry/stone facade restoration and below-grade waterproofing repairs
- Architect of the Capitol Campus - Washington, D.C.: Fall protection flashing design with various existing roofing systems \*

\* Indicates with previous firms