

Julie M. Jones | Associate III



EDUCATION

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

PRACTICE AREAS

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

REGISTRATIONS

- Professional Engineer in MI
- Construction Documents Technologist (CDT)

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- International Institute of Building Enclosure Consultants - Great Lakes Chapter

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 structures. She works on a variety of projects ranging from facade evaluations and investigations to roofing assessments and replacements.

Prior to joining WJE, Ms. Jones was a project engineer and manager with firms specializing in building envelope consulting. 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. In addition, Ms. Jones has performed design reviews for new construction projects to assess for code compliance and evaluate the design relative to long-term durability, as well as manufacturer and owner requirements.

REPRESENTATIVE PROJECTS

Facade Assessment

- Metropolitan United Methodist Church - Detroit, MI: Condition assessment, including granite and sandstone masonry elements submitted to owner and City of Detroit to satisfy facade ordinance requirements
- 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: Condition assessment submitted to owner and City of Detroit to satisfy facade ordinance requirements*

Water/Air Leakage Assessment

- University of Michigan - Ann Arbor: Below grade water infiltration investigation
- PV Public Library - Prescott Valley, AZ: Water infiltration investigation through metal roofing and glazed curtain wall
- National Museum of American History - Washington, D.C.: Roof-level and 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*

Roofing and Waterproofing

- Michigan State Capitol - Lansing: Plaza waterproofing consulting and design for proposed large underground addition
- Animal Conservation Center - Detroit, MI: Technical repair document development and construction observation related to below-grade waterproofing repairs
- Hurricane Harvey Roof Renovation - Rockport, TX: Roof replacement construction phase quality control
- Veterans' Memorial Waterproofing Restoration - Charleston, WV: Roof replacement and reflecting pool restoration*

Roof Assessment and Design

- Lee Plaza Hotel - Detroit, MI: Roof assessment and conceptual replacement alternatives for historic hotel
- Birmingham Public Schools - Birmingham, MI: Roofing assessments, replacement design, construction documents, and construction phase administration*
- General Motors - Flint, MI: Roof failure investigation, replacement design, and construction administration*
- U.S. Customs House - Baltimore, MD: Roof replacement design development*

Building Enclosure Consulting

- 2221 14th Street NW - Washington, D.C.: Design phase peer review and construction phase quality control services*

Repair and Rehabilitation

- Grand Hotel - Mackinac Island, MI: Waterproofing detail development for industrial kitchen space
- Macy's, Inc. - Atlanta, GA: Design and detail development for emergency facade recladding
- High-Rise Apartment Building - Detroit, MI: Review and repair trash chute servicing twenty-two-story apartment building
- Architect of the Capitol Campus - Washington, D.C.: Fall protection flashing design with various existing roofing systems*

*Indicates with previous firms