

### Julie Szabo | Associate Principal



#### EDUCATION

- Ryerson University
  - Bachelor of Architectural Science, Building Science, 2002
- Concordia University
  - Master of Building Engineering, Building Science, 2003

#### PRACTICE AREAS

- Building Science
- Water/Air Leakage Assessment
- Hygrothermal Analysis
- Building Enclosure Consulting
- Construction Troubleshooting
- Repair and Rehabilitation
- Roofing and Waterproofing
- Windows/Curtain Wall/Skylights

#### REGISTRATIONS

- ABAA Certified Air Barrier Specialist
- Certified Engineering Technologist in Ontario, Canada

#### PROFESSIONAL AFFILIATIONS

- Air Barrier Association of America, board of directors
- Building Enclosure Council (Washington, D.C.), past chair
- Ontario Association of Certified Engineering Technicians and Technologists

#### CONTACT

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#### EXPERIENCE

Julie Szabo joined WJE in 2007 and has more than twenty years of dedicated experience in building enclosure and building science consulting services. She possesses expertise in investigating enclosure performance issues, including air leakage, water infiltration, thermal performance, and condensation, as well as consulting on new construction projects.

Ms. Szabo has worked on numerous projects involving the investigation, repair, and/or new construction of exterior building components and systems. These include masonry cavity wall and mass wall construction, precast and cast-in-place concrete, below- and above-grade waterproofing and roofing systems, metal panel rainscreen systems, EIFS, windows, and curtain walls.

#### REPRESENTATIVE PROJECTS

##### Water/Air Leakage Assessment

- University of Michigan, North Campus Research Complex - Ann Arbor: Water leakage investigation
- Michigan State University, Minskoff Pavilion - Lansing, MI: Condensation Investigation
- Johns Hopkins University, Cancer Research Buildings I and II - Baltimore, MD: Air leakage investigation and repairs
- McLaren Office Building - Lapeer, MI: Air leakage investigation and repair design
- Children's National Medical Center - Washington, D.C.: Various water penetration investigations
- Morgan State University, Center for the Built Environment and Infrastructure Studies - Baltimore, MD: Water leakage investigation and repairs
- University of Michigan, Palmer Commons - Ann Arbor: Air leakage investigation

##### Building Enclosure Consulting and Commissioning

- Virginia Commonwealth University, STEM Building - Richmond: Building enclosure commissioning provider
- Coppin State University, Science and Technology Building - Baltimore, MD: Constructability review of exterior enclosure systems and construction troubleshooting
- Park Van Ness Multifamily Residential - Washington, D.C.: Exterior enclosure consulting and peer review

- The Pennsylvania State University, South Halls - State College: Exterior enclosure consulting and peer review
- 600 Massachusetts Avenue - Washington, D.C.: Exterior enclosure consulting and peer review
- Montgomery College, Science East and Science West - Rockville, MD: Exterior enclosure consulting and peer review
- Morgan State University, Behavioral Sciences Center - Baltimore, MD: Constructability review of exterior enclosure systems
- Gordie Howe International Bridge, US and Canada Port of Entry - Detroit, MI: Building enclosure commissioning provider

##### Construction Troubleshooting

- BRAC 133 Washington Headquarters Service - Alexandria, VA: Review of exterior enclosure during construction
- Richmond Judicial Center - VA: Review of exterior enclosure during construction
- Pike & Rose Multiple Buildings - North Bethesda, MD: Review of exterior enclosure during construction
- 1011 M Street - Washington, D.C.: On-site review of exterior enclosure during construction
- Spectrum Health Hospital - Grand Rapids, MI: Construction Phase consulting services for hospital expansion
- 7020 Orchard Lake - West Bloomfield, MI: Construction Phase consulting services
- William Davidson Foundation Headquarters - Bloomfield Hills, MI - Construction phase consulting services

##### Repair and Rehabilitation

- Jefferson at Inigo's Crossing - North Bethesda, MD: Roof replacement and sealant replacement
- 11810 Grand Park Avenue - North Bethesda, MD: Curtain wall and exterior wall repairs
- Children's National Medical Center - Washington, D.C.: Expansion joint and roofing repairs
- Courtyard Marriott - Silver Spring, MD: Window replacement and exterior wall repairs