



EDUCATION

- University of Virginia
 - Bachelor of Science, Civil Engineering, 2008

PRACTICE AREAS

- Condition Assessment
- Construction Administration Services
- Repair and Rehabilitation Design
- Leakage Investigation
- Peer Review
- Building Enclosure Commissioning
- Building Enclosure Consulting

REGISTRATIONS

- Professional Engineer in CA and CT
- Society of Professional Rope Access Technicians - Level I Rope Access Technician

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council

CONTACT

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EXPERIENCE

Sarah Sinusas has specialized in building envelope systems since beginning her career in 2008. She has participated in numerous projects, including facade and curtain wall evaluations, water leakage investigations, and repairs to existing structures.

During her time at WJE, Ms. Sinusas has gained valuable experience in the evaluation and repair of masonry, concrete, EIFS, stucco, and glass facades. She has participated in and led projects that include in situ field testing and monitoring of a variety of cladding and glazing systems. Her work has included peer reviews of architectural drawings and shop drawings for new buildings, as well as investigations, field observations, and construction monitoring for both new construction and repairs to existing structures.

REPRESENTATIVE PROJECTS

Condition Assessment

- Crown Fountain, Millennium Park - Chicago, IL: Investigation and evaluation of damaged glass brick at glass-clad sculpture
- High-end Residence - Bedford, NY: Assessment of visual anomalies and deflection of heat-mirror glass
- International Hotel Chain - U.S. and Canada: Safety evaluation of architectural glass at one hundred hotel properties
- New York Life Building - New York, NY: In situ and computer thermal modeling of historic bronze window system
- Wesleyan University, Olin Library - Middletown, CT: Evaluation of steel windows, brick masonry, and limestone facade
- Yale University Art Gallery: New Haven, CT - In situ monitoring of exterior envelope to evaluate condensation potential

Construction Administration Services

- Macy's - Vernon Hills, IL: Brick masonry veneer and parapet repairs
- The Reserve at Evanston - Evanston, IL: Brick masonry veneer repairs
- Hancock Square at Arlington Station - Arlington Heights, IL: Perimeter sealant and brick masonry veneer repairs

Repair and Rehabilitation Design

- Chesapeake Energy Corporation Building One - Oklahoma City, OK: Repairs to stick-built curtain wall and plaza waterproofing
- Myrtue Wellness Center - Harlan, IA: Repairs to address condensation in exterior walls
- Newberry Plaza Townhomes - Chicago, IL: Waterproofing repairs at elevated townhome plaza
- 950 North Michigan Avenue - Chicago, IL: Replacement of storefront window system and glass canopy at high-rise condominium
- 3600 North Lake Shore Drive - Chicago, IL: Repairs to brick masonry veneer wall and concrete facade

Leakage Investigation

- Crate & Barrel - Leawood, KS: Investigation of water leakage at curtain wall and roof system
- 120 North LaSalle Street - Chicago, IL: Investigation of water leakage at curtain wall and roof system
- 1420 Sheridan Road - Wilmette, IL: Investigation of water leakage at stone cladding and window wall systems
- Illinois Institute of Technology, State Street Village - Chicago, IL: Investigation of water leakage at metal panels and windows

Building Enclosure Consulting

- University of Chicago Arts Hall - Chicago, IL: Peer review and construction observations of point-supported curtain wall, single-ply roofing, limestone and metal panel rain screen systems
- University of Iowa Children's Hospital - Iowa City, IA: Building envelope commissioning of Norman Foster-designed exterior envelope with custom unitized curtain wall
- Yale University New Residence College - New Haven, CT - Construction observations and on-site performance testing of masonry veneer wall system and steel window assemblies