

Matthew Schofield | Senior Associate



EDUCATION

- Virginia Tech
 - Bachelor of Science, Civil Engineering, 2013

PRACTICE AREAS

- Building Enclosure Consulting
- Roofing and Waterproofing
- Repair and Rehabilitation
- Construction Troubleshooting
- Design
- Peer Review
- Condition Assessment

REGISTRATIONS

- Professional Engineer in MA and VA

PROFESSIONAL AFFILIATIONS

- International Institute of Building Enclosure Consultants

CONTACT

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EXPERIENCE

Matthew Schofield is a building enclosure consultant with experience in architectural design peer review, design assistance, investigation, construction documents development, field testing, and construction period services related to building enclosure systems. His area of technical focus involves roofing and waterproofing systems, including most conventional low-slope and steep-slope roofing assemblies and above- and below-grade waterproofing systems. Mr. Schofield also possesses expertise in building air-barrier systems, building science principles, insulation systems, glazed fenestration systems, and exterior facade systems.

Before joining WJE, Mr. Schofield was a project manager at an engineering consulting firm focusing on the repair and restoration of building enclosure systems, including conventional roofing and waterproofing systems, brick masonry facades, and cast-in-place concrete.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- The Mather Arbor Row - McLean, VA: Design peer review and construction phase services (testing, inspections, consulting) for twenty-eight-story residential building with adjoining nineteen-story tower
- Sheppard Pratt Health System - Elkridge, MD: Building enclosure commissioning for new hospital facility, including design peer review through post-occupancy and enclosure testing
- George Mason High School - Falls Church, VA: Building enclosure commissioning services for owner's project requirements through post-occupancy consulting
- METS 6 and 7/8 - Arlington, VA: Enclosure consulting services during construction of two twenty-two-story commercial towers
- Catholic University, New Dining Hall - Washington, D.C.: Peer review of enclosure systems, including brick masonry, stone cladding, punched windows, above- and below-grade waterproofing, thermoplastic roofing, and steep-slope terracotta roofing
- Landmark Mall Redevelopment - Alexandria, VA: Peer review consulting services for phased multibuilding development

Roofing and Waterproofing

- 100 Cambridge Street - Boston, MA: Assessment and design services for replacement of low-slope roof assemblies at twenty-three-story commercial building
- Massachusetts Institute of Technology, Building E23/25 - Boston: Design and construction period services for waterproofing restoration at atrium skylight
- Shrine of Saint Anthony - Ellicott City, MD: Design documents for roof replacement and facade restoration
- National Institutes of Health, National Library of Medicine - Bethesda, MD: Assessment, rehabilitation documents, and construction period services for plaza waterproofing replacement
- Museum - Washington, D.C.: Consulting services for roofing replacement during construction phase of full building renovation

Repair and Rehabilitation

- District of Columbia Public Libraries - Washington, D.C.: Property condition assessment, investigation, construction documents, and construction period services for restoration
- 1750 Tysons Boulevard - Tysons Corner, VA: Assessment, design, and construction period services for facade restoration program at twenty-seven-story commercial building
- Vinson Hall - McLean, VA: Assessment, design, and construction period services for balcony restoration and roof replacement
- Howard Hughes Medical Institute - Ashburn, VA: Design documents for roofing replacement, waterproofing repairs, and masonry restoration at multiple buildings

Condition Assessment

- Massachusetts College of Art and Design - Boston: Assessment of high-rise curtain wall facade utilizing industrial rope access techniques
- United States Institute of Peace - Washington, D.C.: Assessment of sloped skylight assembly using industrial rope access techniques