



## PERSONNEL QUALIFICATIONS

### Steven Egwele | Associate III



#### EDUCATION

- Rensselaer Polytechnic Institute
  - Bachelor of Architecture, 2010
  - Master of Engineering, Civil Engineering, 2010

#### PRACTICE AREAS

- Building Enclosure Consulting
- Facade Assessment
- Water/Air Leakage Assessment

#### CONTACT

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#### EXPERIENCE

Since joining WJE in 2014, Steven Egwele has performed investigations, facade assessments and construction observation services for building envelopes including aluminum curtain wall, glass fin curtain wall, horizontal glazing and skylights, metal panel systems, terra cotta panel systems, brick/stone masonry and EIFS. Mr. Egwele's building enclosure consulting experience also includes peer review and design assistance. Prior to joining WJE, he worked as a facade engineer, concentrating in design and detail of curtain wall and exterior wall systems.

#### REPRESENTATIVE PROJECTS

##### Building Enclosure Consulting

- Science and Engineering Hall, George Washington University - Washington, D.C.: Construction period services for unitized and stick built aluminum curtain wall, terra cotta panel, stone panel, roofing membrane, and weather barrier
- Children's Hospital of Richmond Pavilion - VA: Construction period services for unitized and stick built aluminum curtain wall, aluminum windows, insulated metal panel, brick masonry, composite metal panel, plaza waterproofing, roofing membrane, and weather barrier
- Alexandria Renew, New Environmental Center - VA: Submittal review and construction period services for aluminum stick built curtain wall, glass fin curtain wall, aluminum window, stone masonry, brick masonry, metal panel, fountain waterproofing, plaza waterproofing, roofing membrane, and weather barrier
- Capitol Place - Washington, D.C.: Construction period services for aluminum curtain wall, aluminum window, brick masonry, metal panel, below-grade waterproofing, plaza waterproofing, pool waterproofing, roofing membrane, and weather barrier

##### Facade Assessment

- Woodner Apartments - Washington, D.C.: Condition survey of a 1,000-unit, mid-rise apartment complex, including exterior walls, fenestration, waterproofing, roofing membrane, and hardscape
- Village Condominiums at Wild Dunes - Charleston, SC: Condition survey of three mid-rise hotel/condominium buildings, a hotel, and clubhouse, including exterior walls, fenestration, sloped roofs, roofing membrane, and hardscape
- Montgomery College - Takoma Park, MD: Condition survey of eight campus buildings clad in Transite panels exhibiting horizontal cracking, close-range survey, panel removal, and evaluation of panel and substrate

##### Water/Air Leakage Assessment

- Watergate Hotel - Washington, D.C.: Investigation of water intrusion at an exterior wall panel, including leak recreation, leak isolation, and recommendation for repair
- One Skyline Tower - Bailey's Crossroads, VA: Investigation of water infiltration at the curtain wall on a high-rise building, including leak recreation, leak isolation, and recommendation for repair