PERSONNEL QUALIFICATIONS

Kevin J. Longest | Senior Associate

EDUCATION

- University of Michigan
  - Bachelor of Science in Engineering, Civil Engineering, 2002
  - Masters of Science in Engineering, Civil Engineering, 2004

PRACTICE AREAS

- Facade Assessment
- Windows and Curtain Walls
- Glass Assessment
- Leakage Investigation
- Repair and Rehabilitation Design
- Peer Review
- Construction Troubleshooting
- Building Enclosure Commissioning

REGISTRATIONS

- Professional Engineer in FL and GA

PROFESSIONAL AFFILIATIONS

- American Architectural Manufacturers Association
- ASTM International

CONTACT

klongest@wje.com
770.923.9822
www.wje.com

EXPERIENCE

Since joining WJE in 2004, Kevin Longest has participated in numerous facade assessments, water leakage investigations, design peer reviews, and condition surveys and has prepared drawings for structural and architectural repairs. His expertise lies in the inspection and investigation of building facades, exterior wall assemblies, and fenestration systems. These services have been provided on a variety of building types, including hospitals, universities, high-rise condominiums, hotels, and office buildings.

Mr. Longest also has considerable knowledge in the evaluation, detailing, construction, and performance of a variety of building enclosure materials, components, and systems, including window, curtain wall, and skylight systems. He also has expertise in masonry, stucco, EIFS, concrete, terra cotta, and architectural metal panel wall systems; self-adhering and fluid-applied air barrier membranes; and various roofing and waterproofing systems.

REPRESENTATIVE PROJECTS

Facade Assessment

- Fifty-Two-Story Office Building - Atlanta, GA: Assessment of tornado damage to insulating glass units and aluminum window frames
- Ocean 14 Condominiums - Jacksonville Beach, FL: Assessment of stucco facade and aluminum-framed windows and doors
- The Georgia Center Masters Hall - Athens, GA: Assessment of masonry facade and building envelope components

Windows and Curtain Walls

- Georgia College & State University - Milledgeville, GA: Onsite observations during installation and water penetration testing of new glazed aluminum curtain wall system
- FIU Stemple Complex - Miami, FL: Peer review and field air and water penetration testing of new curtain wall system
- Twenty-Seven Story Hotel - Atlanta, GA: Feasibility study for retrofit of existing aluminum-framed windows

Glass Assessment

- 3500 Parkway Lane - Norcross, GA: Investigation of glazing system following multiple glass breakage at building entrance
- 1180 West Peachtree - Atlanta, GA: Assessment of deposits on curtain wall glass and development of glass and aluminum frame cleaning specifications
- International Commercial Real Estate Firm Office Space - Atlanta, GA: Assessment of interior glass partition system following glass door failures

Repair and Rehabilitation Design

- 3605 Glenwood Avenue - Raleigh, NC: Water leakage investigation and repair design for masonry and window repairs
- 8592 Roswell Road - Sandy Springs, GA: Water leakage investigation and repair design for EIFS and curtain wall repairs
- 4228 Houma Boulevard - Metairie, LA: Water leakage investigation and repair design for masonry and ribbon windows
- Blue Stone Lofts - Sandy Springs, GA: Water leakage investigation, repair design, and construction administration
- Peachtree Lofts - Atlanta, GA: Assessment of distress in brick veneer facade and repair design

Building Enclosure Commissioning

- University of Georgia, Georgia Museum of Art - Athens: Phase II expansion commissioning of building enclosure and testing