

Kevin J. Longest | Associate Principal



EDUCATION

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

PRACTICE AREAS

- Facade Assessment
- Water/Air Leakage Assessment
- Repair and Rehabilitation Design
- Window/Curtain Walls/Skylights
- Building Enclosure Consulting
- Building Enclosure Commissioning
- Peer Review

REGISTRATIONS

- Professional Engineer in FL and GA

PROFESSIONAL AFFILIATIONS

- Fenestration and Glazing Industry Alliance

CONTACT

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EXPERIENCE

Kevin Longest conducts facade assessments, water leakage investigations, design peer reviews, and condition surveys, and prepares drawings for structural and architectural repairs. His expertise encompasses the inspection and investigation of building facades, exterior wall assemblies, and fenestration systems. Mr. Longest provides these services for various building types, including hospitals, universities, high-rise condominiums, hotels, and office buildings.

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

REPRESENTATIVE PROJECTS

Facade Assessment

- University of Georgia, Chemistry Building - Athens: Condition assessment of brick masonry facade and windows
- One and Two Ravinia Drive - Atlanta, GA: Condition assessment of concrete facade, coatings, and ribbon window system
- Sanford Stadium - Athens, GA: Condition assessment of metal wall panels
- Ritz-Carlton Naples - FL: Stucco facade assessment and water leakage investigation
- Twenty-Seven Story Hotel - Atlanta, GA: Feasibility study for retrofit of existing aluminum-framed windows

Repair and Rehabilitation Design

- Georgia Institute of Technology, College of Computing - Atlanta: Glazing system evaluation, repair design, and construction administration
- Ritz-Carlton Naples - FL: Plaza waterproofing replacement design and construction administration
- Marshside Village - North Charleston, SC: Water leakage investigation and repair design

Building Enclosure Consulting

- 903 Peachtree - Atlanta, GA: Enclosure design peer review, and construction observations for thirty-three-story apartment tower, including unitized window walls, metal panels, roofing, and waterproofing
- Columbus State University, Synovus Commerce and Technology Building - Columbus, GA: Condition assessment, water leakage investigation, peer review, and design assistance for building enclosure renewal project
- 161 Peachtree Center - Atlanta, GA: Enclosure design peer review and construction observations for twenty-nine story apartment tower, including stick-built window walls, metal panels, roofing, and waterproofing
- Atlantic Station - Atlanta, GA: Enclosure design peer review and construction observations for 670,000-square-foot apartment building, including brick masonry, EIFS, windows, roofing, and amenity deck waterproofing

Building Enclosure Commissioning

- Emory University, Health Sciences Research Building II - Atlanta, GA: Enclosure commissioning for 350,000-square-foot, eight-story biomedical research building
- Georgia Institute of Technology - Atlanta: Enclosure commissioning during renovation and expansion project
- Ritz-Carlton Naples - FL: Enclosure commissioning for new fourteen-story Vanderbilt Tower addition
- Lanier Technical College, New Hall County Campus - Gainesville, GA: Enclosure commissioning for new 335,000 square-foot, six-building campus
- University of Georgia, Georgia Museum of Art - Athens: Enclosure commissioning during renovation and expansion project