



PERSONNEL QUALIFICATIONS

Brian L. Cope | Associate Principal



EDUCATION

- Auburn University
 - Bachelor of Civil Engineering, Civil Engineering, 1998
 - Master of Science in Civil Engineering, Structures, 1999

PRACTICE AREAS

- Roofing and Waterproofing
- Facade Assessment
- Construction Observation and Troubleshooting
- EIFS and Stucco Systems
- Masonry Structures
- Repair and Rehabilitation Design
- Leakage Investigation and Testing
- Peer Review

REGISTRATIONS

- Professional Engineer in GA

PROFESSIONAL AFFILIATIONS

- ASTM International
- Building Owners and Managers Association International
- Community Association Institute

CONTACT

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EXPERIENCE

Lee Cope's projects include peer reviews of building enclosures. These services typically commence during the schematic design and extend into construction through on-site observation and quality control. Mr. Cope has also been involved in numerous investigations and has extensive experience in detailing and proper installation of portland cement plaster (stucco) facade systems, air barriers, window systems, waterproofing, and the interfaces of various envelope components. He has been involved in the investigation and repair of several building types and a variety of building envelope systems.

Mr. Cope is a voting member of ASTM C11, Technical Committee on Gypsum and Related Building Materials and Systems. He has authored and presented several papers regarding stucco at multiple RCI national conventions.

REPRESENTATIVE PROJECTS

Roofing and Waterproofing

- Pitt County Memorial Hospital Central Utility Plant Tunnel - Greenville, NC: Design assistance of five-hundred-foot underground tunnel and construction administration
- New Hanover Regional Medical Center - Wilmington, NC: Roof design and construction observation for new surgery pavilion, children's addition, and existing patient tower

EIFS and Stucco Systems

- Pitt County Hospital - Greenville, NC: Investigation of stucco facade, water leakage investigation, litigation support, repair design, and construction administration
- Turnberry Villas at Sandestin - Destin, FL: Investigation of EIFS facade on eleven buildings and water leakage investigation
- Inman Park Village Lofts - Atlanta, GA: Investigation of stucco facade and repair design
- Mayfair Renaissance - Atlanta, GA: Investigation of EIFS facade and repair design of forty-story condominium building

Villa Sonoma Condominiums - Atlanta, GA: Investigation of stucco facade and repair design of a 321-unit condominium building

Masonry Structures

- 300 Peachtree Towers - Atlanta, GA: Investigation of distress in twenty-four-story brick veneer facade and concrete balcony slabs, repair design, and construction administration
- Peachtree Lofts - Atlanta, GA: Investigation of distress in eight-story brick veneer facade, repair design of masonry and window replacement, and construction administration
- Grady Memorial Hospital - Atlanta, GA: Building envelope analysis of facade and roofing systems to develop repair option to address areas of concern related to the performance of the exterior walls and roofing

Repair and Rehabilitation

- American Express Building - New York, NY: Investigation of the fifty-two-story glass and stone facade for impact damage from the World Trade Center collapse
- Candler Building - Atlanta, GA: Investigation of seventeen-story terra cotta facade, repair design, and construction administration
- Five Points Center Parking Structure - Atlanta, GA: Investigation of mildly reinforced structure, cost estimate for remedial repairs, litigation consulting, repair design, and construction administration
- Hyatt Regency Hotel - Atlanta, GA: Investigation of twenty-two-story concrete and stucco facades, repair design, and construction administration
- Park Regency Condominiums - Atlanta, GA: Investigation of twenty-eight-story luxury condominium for distress of cast-in-place concrete balcony curbs, repair design, construction administration, and litigation consulting
- Decatur Renaissance - Decatur, GA: Investigation of stucco facade, water leakage investigation, litigation support, and repair design for 168-unit condominium building