



PERSONNEL QUALIFICATIONS

James M. Brown | Associate Principal



EDUCATION

- University of Illinois at Urbana-Champaign
 - Bachelor of Science, Architecture, 1994
 - Master of Architecture, Structures Option, 1996

PRACTICE AREAS

- Condition Assessment
- Construction Administration
- Curtain Wall Systems
- Damage Assessment and Documentation
- Facade Assessment
- Leakage Investigation
- Repair and Rehabilitation Design
- Roofing and Waterproofing

REGISTRATIONS

- Architect in AL, FL, and GA
- National Council of Architectural Registration Boards Certificate
- Registered Roof Consultant

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- RCI, Inc.

CONTACT

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EXPERIENCE

James Brown has broad-based experience in the assessment and repair design for building envelope systems subject to water infiltration. His experience in condition surveys has included prepurchase surveys and storm damage assessments. Mr. Brown has performed design peer reviews, has developed repair designs and construction documents, and has provided construction administration and observation services for a variety of structures, including commercial buildings, residences, airports, convention centers, hotels, plazas, and stadiums.

Mr. Brown has investigated problems in building envelope systems constructed with such materials as marble, terra cotta, concrete, masonry, glass, stucco, EIFS, and roofing and waterproofing assemblies. His work has included the development of repair documents for these materials. Mr. Brown is also a member of WJE's Difficult Access Team.

REPRESENTATIVE PROJECTS

Damage Assessment and Documentation

- Pearl River Community - Poplarville, MI: Hurricane damage assessment to low-slope and asphalt-shingle roofs
- The Candler Building - Atlanta, GA: Tornado damage assessment to building envelope; repair design and construction administration
- Villa al Lago Properties - Miami, FL: Hurricane damage roof assessment and testing
- Tara Court Apartments - Atlanta, GA: Asphalt shingle roof hail damage assessment of fifty-three apartment buildings

Facade Assessment

- Courtyard by Marriott - Brunswick, GA: Water penetration testing and evaluation of EIFS facade
- Fort Benning Barracks - Fort Benning, GA: Water leakage assessment and construction troubleshooting

- Kennesaw State University - Kennesaw, GA: Water penetration testing and evaluation of stucco facade
- Spelman College - Atlanta, GA: Building envelope design peer review and construction administration

Repair and Rehabilitation Design

- ING Advisors Network - Atlanta, GA: Facade water penetration testing, repair design, and construction administration services
- Science International Applications Corporation - Huntsville, AL: Water penetration testing and repair design of stucco facade
- The Candler Building - Atlanta, GA: Evaluation of seventeen-story terra cotta facade, roofing and parking deck repair design, and construction administration
- Wachovia Tower Wildwood Campus - Homewood, AL: Facade water penetration testing, repair design, and construction administration services

Roofing and Waterproofing

- L.T. Smith Stadium (now Houchens Industries-L.T. Smith Stadium) - Bowling Green, KY: Concourse waterproofing design
- The Grove Park Inn Resort & Spa - Asheville, NC: Clay tile roof investigation, repair design, and construction administration
- Tiger Stadium - Baton Rouge, LA: Water penetration testing and repair design of west-side addition