



PERSONNEL QUALIFICATIONS

Nathan Reynolds | Senior Associate



EXPERIENCE

Nathan Reynolds has broad-based experience in various projects from structural evaluations to the repair of building facades and exterior wall systems. He performs water leakage investigations, construction observations, building enclosure commissioning, facade assessments, and has prepared construction documents for numerous structural and architectural repairs. Mr. Reynolds performs these services for several types of buildings, including hospitals, universities, mid-rise condominiums, hotels, and office buildings.

Prior to joining WJE in 2008, Mr. Reynolds spent two summers interning at a civil engineering firm in Pennsylvania. He gained experience designing masonry retaining walls, pre-engineered building foundations, and wood-framed structures. He also designed retrofits for wood trusses, structural steel buildings, and athletic scoreboard anchorages.

REPRESENTATIVE PROJECTS

Condition Assessment

- Choctaw County Schools - AL: Evaluation of as-built conditions for masonry walls
- Courtyard by Marriott - Brunswick, GA: Assessment of shear wall and floor diaphragm installation and connections
- Major Retail Chain - Locations Nationwide: Assessment and repair design of bar joist roof structures
- Mid-Rise Apartment Building - Atlanta, GA: Evaluation of exterior wall system using interior visual and infrared surveys

Construction Observation Services

- Peachtree Lofts - Atlanta, GA: Review, documentation, and observation of through-wall flashing repairs, concrete repairs, and coating application

Facade Assessment

- 335 West Ponce - Decatur, GA: Reserve study facade assessment of six-story mid-rise condominium building clad with EIFS and masonry facade systems
- Community College Campus - MS: Evaluation of hurricane damage to window and masonry facade elements on residential and large classroom structures

Repair and Rehabilitation Design

- Chattahoochee Landing Apartments, Roswell - GA: Repair design for wood framing and deflected concrete masonry basement walls
- Dakota Condominiums - Atlanta, GA: Investigation and repair design documentation of corroded metal handrails and concrete balcony framing
- Government Buildings - Atlanta, GA: Investigation of facade-related water leakage and preparation of repair documents for four buildings

Water Penetration Testing

- Columbia Mechanicsville - Atlanta, GA: Water testing of window assemblies
- Mid-Rise Apartment Buildings - Atlanta, GA: Water leakage investigations of stucco and masonry facades and curtain wall window assemblies
- Mid-rise Condominium - Atlanta, GA: Quality assurance water penetration testing of door assemblies

EDUCATION

- The Pennsylvania State University
 - Bachelor of Architectural Engineering, Structural Option, 2008

PRACTICE AREAS

- Building Enclosure Commissioning
- Condition Assessment
- Construction Observation Services
- Facade Assessment
- Fire Damage Investigation
- Leakage Investigation
- Repair and Rehabilitation Design
- Water Penetration Testing

REGISTRATIONS

- Professional Engineer in GA
- Certified Infrared Thermographer

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Architectural Engineering Institute

CONTACT

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