



PERSONNEL QUALIFICATIONS

Eric D. Gross | Senior Associate



EDUCATION

- Auburn University
 - Bachelor of Science, Civil Engineering, 2015
 - Master of Science, Civil Engineering, 2017

PRACTICE AREAS

- Facade Assessment
- Damage Assessment and Documentation
- Construction Troubleshooting
- Leakage Investigation
- Plazas and Terraces
- Repair and Rehabilitation Design
- Roof Assessment and Design
- Stadiums and Arenas
- Roofing and Waterproofing
- Building Enclosure Commissioning

REGISTRATIONS

- Professional Engineer in AL and GA

PROFESSIONAL AFFILIATIONS

- International Concrete Repair Institute

CONTACT

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EXPERIENCE

Since joining WJE in 2017, Eric Gross has gained experience in investigations, condition assessments, analyses, and repair designs for a variety of new and historic buildings. These projects have involved multiple types of roofing systems, waterproofing systems, and facade materials, allowing Mr. Gross to gain a wide knowledge of building enclosure systems. He provides services for office buildings, multifamily dwellings, universities, major retail chains, and hotels across the southeast United States. Mr. Gross has also participated in multiple projects with construction administration services, allowing him to develop a comprehensive understanding of the construction industry.

As a graduate student at Auburn University, Mr. Gross assisted in the development of a mass concrete specification for the Alabama Department of Transportation. This involved field work at numerous bridge construction sites across the state and extensive concrete laboratory mixing, testing, and analysis to determine the material properties of structural concrete used in Alabama bridges.

REPRESENTATIVE PROJECTS

Facade Assessment

- Auburn University, Davis Hall - Auburn, AL: Condition assessment of limestone facade and stabilization design
- Renaissance Park Place South - Atlanta, GA: Assessment and implementation of waterproofing repairs at senior residence center's balcony doors and windows
- Lane Park Apartments - Birmingham, AL: Assessment of waterproofing repairs of balcony doors and windows at multifamily dwelling

Repair and Rehabilitation

- John C. Portman Pool House - Atlanta, GA: Design and implementation of restoration repairs for historic decorative pool house
- John C. Calhoun Building - Columbia, SC: Assessment and design of facade repairs for historic government building

Plazas and Terraces

- North Avenue Apartments - Atlanta, GA: Targeted water leakage remediation of dormitory plaza deck courtyard space over two-story parking structure
- Marco Beach Ocean Resort - Marco Beach, FL: Water leakage remediation of plaza deck over hotel parking structure
- Tennessee Valley Authority Headquarters - Knoxville: Waterproofing design for the renovation of the plaza deck

Roof Assessment and Design

- Mississippi Coliseum - Jackson: Assessment and repair recommendation for historic standing seam copper roof
- South Carolina Supreme Court House - Columbia: Assessment and repair recommendations for historic standing seam zinc metal roof to determine level of roof repairs

Stadiums and Arenas

- Louisiana State University (LSU) Tiger Stadium - Baton Rouge: Leakage investigations, repair design, construction administration services, and peer reviews
- LSU EJ Monitor Program - Baton Rouge: Implementation of expansion joint monitoring program at stadium to monitor expansion joint movement
- LSU Volleyball Stadium - Baton Rouge: Design of waterproofing repairs for renovation

Roofing and Waterproofing

- Georgia Tech Alumni House - Atlanta: Design of below-grade repairs for historic administration building
- Dakota Condominiums - Atlanta, GA: Investigation and repair design of below-grade waterproofing leakage into multiuse building

Building Enclosure Commissioning

- LSU Cedar Hall - Baton Rouge: Construction phase consulting services including windows and fluid-applied weather-resistive barriers
- Verandah at Gateway - Lake Charles, LA: Evaluation of newly installed windows in new multiresidential construction