



PERSONNEL QUALIFICATIONS

Brandon Boaz | Associate Principal



EDUCATION

- University of Texas at Austin
 - Bachelor of Science, Architectural Engineering, 2008

PRACTICE AREAS

- Roofing and Waterproofing
- Facade Assessment
- Field Testing
- Leakage Investigation
- Peer Review
- Repair and Rehabilitation
- Roofing Assessment and Design

REGISTRATIONS

- Professional Engineer in LA and TX
- Registered Roof Consultant
- Registered Roof Observer

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council
- International Institute of Building Enclosure Consultants - Gulf Coast Chapter

CONTACT

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EXPERIENCE

Brandon Boaz has more than fifteen years of experience in the assessment, investigation, and repair design of roofing, waterproofing, and cladding systems for new and existing commercial, educational, health care, governmental, and multifamily facilities. His broad-based project experience includes leakage investigations and diagnostic testing of enclosure systems, condition assessments, construction administration services, quality assurance observations, peer review services, litigation support, cladding failure investigations, facade repair designs, roof replacement designs, and cold storage building consulting. Mr. Boaz's expertise includes low- and steep-slope roofing systems, air barriers, below-grade waterproofing, curtain wall, stucco, EIFS, and masonry cladding.

Mr. Boaz also has extensive experience performing ASTM and AAMA window testing, roof wind uplift testing, electronic leak detection testing, and infrared moisture surveys. He is proficient in technical report writing, CAD drawing preparation, and various design and analysis software programs.

REPRESENTATIVE PROJECTS

Roofing and Waterproofing

- 1601 Congress Avenue - Austin, TX: Peer review, design assistance, and quality assurance observations of roofing, waterproofing, and cladding systems
- Texas Children's Hospital, Maternity Center - Houston: Peer review and construction observation of building envelope systems
- University of Houston, TDECU Football Stadium - TX: Peer review and quality assurance observations of roofing, waterproofing, and cladding systems
- Earnest N. Morial Convention Center - New Orleans, LA: Roof condition assessment, testing, and roof replacement design assistance

Facade Assessment

- 1314 Texas Avenue - Houston, TX: Historic masonry assessment and repair recommendations
- New Orleans Convention Visitor's Bureau - LA: Facade condition assessment, testing, and repair design assistance

Field Testing

- Anderson Air Force Base, BX Shopping Center - Guam: Roof wind uplift testing, roof condition assessment, and investigation
- Clear Lake High School - Houston, TX: Window water leakage testing and roof wind uplift testing
- Kelsey Seybold Clinics - Houston, TX: High-voltage roof integrity testing for multiple locations

Leakage Investigation

- Caesars Superdome (formerly Mercedes-Benz Superdome) - New Orleans, LA: Water leakage investigation and assessment of wall panels and roof system
- Valley International Airport - Harlingen, TX: Water penetration testing and leakage investigation of skylight system
- University of Houston at Sugar Land - TX: Leakage investigation of waterproofing and window systems

Peer Review

- EOG Resources - Midland, TX: Building envelope peer review and construction phase services
- MD Anderson Cancer Center, Clinical Services Building - Houston, TX: Building enclosure peer review and design assistance

Repair and Rehabilitation

- Lofts on Post Oak - Houston, TX: Investigation, repair design, and construction administration services for balcony repairs and envelope remediation
- MD Anderson Cancer Center, Faculty Center - Houston, TX: Roof replacement design and construction observations
- Texas A&M University, College of Veterinary Medicine - College Station: Observation of repairs and water leakage testing of all curtain wall and storefront windows

Roofing Assessment and Design

- Lamar University - Beaumont, TX: Roof replacement design and construction administration services at multiple buildings
- TxDOT Dallas District Headquarters Administration Building - Mesquite: Roof replacement design and construction administration services