



PERSONNEL QUALIFICATIONS

Brandon Boaz | Senior Associate



EDUCATION

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

PRACTICE AREAS

- Construction Observation Services
- Facade Assessment
- Field Testing
- Leakage Investigation
- Peer Review
- Repair and Rehabilitation
- Roofing and Waterproofing

REGISTRATIONS

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

PROFESSIONAL AFFILIATIONS

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

CONTACT

bboaz@wje.com
832.467.2177
www.wje.com

EXPERIENCE

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

Mr. Boaz also has extensive experience performing ASTM and AAMA window testing, roof wind uplift testing, and davit system analysis and testing. He is proficient in technical report writing, CAD drawing preparation, technical research, and various design and analysis software programs.

REPRESENTATIVE PROJECTS

Construction Observation Services

- Methodist West Houston Hospital - TX: Building envelope commissioning and construction observation 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

Facade Assessment

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

Field Testing

- BX Shopping Center, Anderson Air Force Base - Guam: Roof wind uplift testing and roof condition assessment and investigation
- Clear Lake High School - Houston, TX: Window water leakage testing and roof wind uplift testing
- Williams Tower - Houston, TX: Davit system evaluation, testing, and repair design

Leakage Investigation

- Mercedes-Benz Superdome - New Orleans, LA: Water leakage investigation and assessment of wall panels and roof system
- Phoenix Tower - Houston, TX: Water penetration testing and leakage investigation of curtain wall 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
- Himalaya Herbal Healthcare - Sugar Land, TX: Roofing peer review and construction observations

Repair and Rehabilitation

- Lofts on Post Oak - Houston, TX: Investigation, repair design, and construction administration services for balcony repairs and envelope remediation
- M.D. Anderson Cancer Center, Faculty Center - Houston, TX: Roof replacement design and construction observations.
- Texas A&M University, College of Veterinary Medicine - College Station, TX: Observation of repairs and perform water leakage testing of 100 percent of curtain wall and storefront windows

Roofing and Waterproofing

- Parc IV and V Condominiums - Houston, TX: Roof assessment and repair recommendations
- TxDOT Dallas District Headquarters Administration Building - Mesquite, TX: Roof replacement design and construction administration services