

Brandon Boaz | Associate III



EDUCATION

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

PRACTICE AREAS

- Building Enclosure Commissioning
- Construction Observation Services
- Facade Assessment
- Field Testing
- Load Testing
- Leakage Investigation
- Peer Review
- Structural Analysis

REGISTRATIONS

- Professional Engineer in TX
- Registered Roof Observer

PROFESSIONAL AFFILIATIONS

- Building Enclosure Council
- RCI, Inc., Gulf Coast Chapter

CONTACT

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EXPERIENCE

Brandon Boaz has broad-based experience in facade assessments, leakage investigation and testing, construction observations, davit load testing, davit system evaluations and analyses, roofing installations and repair observations, and roof wind uplift testing and analysis. He has performed structural analyses and evaluations of steel, concrete, and wood structures on various projects as well as wind load analysis for design and evaluation of components and cladding systems. Mr. Boaz also has project experience in technical report writing, preparation of CAD drawings, technical research, and several structural design and analysis software programs.

Mr. Boaz has extensive experience performing peer review, construction observation services, and building enclosure commissioning services for all aspects of building enclosures and facades. These services include roofing, waterproofing, curtain wall, and cladding systems for large commercial, educational, and health care facilities.

REPRESENTATIVE PROJECTS

Building Enclosure Commissioning

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

Construction Observation Services

- HCHD Imaging and Specialty Clinic - Houston, TX: Construction observation of curtain wall, roofing, waterproofing, and cladding systems
- Himalaya Herbal Healthcare - Sugar Land, TX: Roofing peer review and construction observations
- Texas Children's Hospital Maternity Center - Houston: Building envelope construction observation services

Facade Assessment

- Palisade Palms - Galveston, TX: Facade waterproofing condition assessment
- The University of Texas Medical Branch - Galveston: Masonry evaluation and design repair observation
- Wortham Tower - Houston, TX: Curtain wall condition assessment

Field Testing

- BX Shopping Center, Anderson Air Force Base - GU: Roof wind uplift testing and roof condition assessment
- Christus Health - LA and TX: Roof wind uplift testing and analysis
- George R. Brown Convention Center - Houston, TX: Insulated glass life expectancy study and frost point testing
- Major Retail Chain - Various Locations Nationwide: Foundation distress evaluation, crack monitoring, and GPR survey of slab-on-grade

Load Testing

- MDACC Faculty Center - Houston, TX: Davit and tie-back anchor system evaluation and testing
- Williams Tower - Houston, TX: Davit system evaluation, testing, and repair design

Leakage Investigation

- Phoenix Tower - Houston, TX: Water penetration testing and leakage investigation of curtain wall system
- TAMU Liberal Arts Building - College Station, TX: Water penetration testing and leakage investigation of curtain wall and window wall systems
- University of Houston Sugar Land - TX: Leakage investigation of waterproofing and window systems