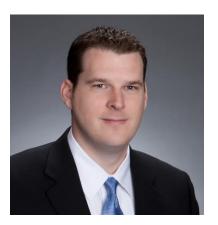
WJE

PERSONNEL QUALIFICATIONS

Justin L. Boone | Principal and Unit Manager



EDUCATION

- Rice University
 - Bachelor of Arts, Architecture, 2001
 - Bachelor of Architecture, 2002

PRACTICE AREAS

- Building Science
- Peer Review
- Repair and Rehabilitation Design
- Roofing and Waterproofing
- Building Enclosure Commissioning
- Forensic Investigation
- Field Testing

REGISTRATIONS

- Architect in FL, LA, and TX
- Construction Document Technologist
- LEED Accredited Professional
- National Council of Architectural Registration Boards Certificate

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Building Enclosure Council -Houston Chapter, past president
- Building Enclosure Council -National Executive Committee
- Building Enclosure Technology and Environment Council, board member
- International Institute of Building Enclosure Consultants
- Texas Society of Architects

EXPERIENCE

Justin Boone has broad-based experience in enclosure design, peer design review, fieldbased evaluation, testing, and project management. His expertise includes the design of high-performance building enclosure systems, building enclosure commissioning, and forensic analysis of existing buildings with enclosure-related deficiencies. Mr. Boone also focuses on the application of proven building science fundamentals to produce highperformance, climate-specific systems.

Prior to joining WJE in 2010, Mr. Boone worked for a building science consulting firm in Houston, Texas, and several architectural design-build firms, where he worked on architectural design projects, including multifamily residential, retail, restaurant, highrise, renovation, and historic rehabilitation. In addition, he was the construction manager and general contractor on numerous residential, retail, and renovation projects with budgets ranging from \$100,000 to more than \$2 million.

REPRESENTATIVE PROJECTS

Peer Review and Building Enclosure Commissioning

- TDECU Stadium Houston, TX: Peer review and daily quality assurance observations for roofing and waterproofing systems
- Texas Children's Hospital Maternity Center -Houston: Peer review and daily quality assurance observations for roofing, cladding, and waterproofing systems

Repair and Rehabilitation Design

- Hobby Airport Houston, TX: Long-term quality assurance observations and detailing assistance for reroofing and waterproofing
- MD Anderson Faculty Center Houston, TX: Design and quality assurance observations for roof replacement

Forensic Investigation and Field Testing

- High-Rise Tower Dubai, United Arab Emirates: Investigation of air pressurization and stack effect problems
- Housing Compound Hong Kong, SAR: Moisture intrusion investigation and facade, roofing, and waterproofing repair design
- Broward General Medical Center Fort Lauderdale, FL: Diagnostic air pressurization testing and air leakage investigation
- High-Rise Condominium Padre Island, TX: Investigation of blown-off roof as a result of a hurricane event
- Multifacility Hospital Roofing Evaluation U.S. Gulf Coast: Negative pressure roof uplift testing and evaluation of nine hospital facilities
- Zapata County Courthouse Zapata, TX: Investigation of roof system moisture intrusion

TECHNICAL COMMITTEES

 ASTM International E55.06.09 - Building Enclosure Commissioning

AWARDS

 Rice University: Edward B. Arrants Medal for Most Promise to the Profession of Architecture, 2001

CONTACT

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