



PERSONNEL QUALIFICATIONS

Jeff Garrison | Associate Principal



EDUCATION

- Texas A&M University
 - Bachelor of Science, Civil Engineering, 1998

PRACTICE AREAS

- Roofing and Waterproofing
- Repair and Rehabilitation Design
- Peer Review
- Leakage Investigation
- Facade Assessment
- EIFS and Stucco Systems

REGISTRATIONS

- Professional Engineer in TX
- Registered Roof Consultant
- Registered Waterproofing Consultant
- Certified Infrared Thermographer
- Certified EIFS Inspector
- Construction Documents Technologist

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- ASTM International
- RCI, Inc.

CONTACT

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EXPERIENCE

Jeff Garrison is experienced in the investigation and repair of roofing, waterproofing, and exterior cladding systems. He has worked on projects that have included all types of low-slope roofing systems, architectural and structural metal panel systems, and steep slope roofing applications. Mr. Garrison also has experience with below-grade waterproofing, including hot-fluid applied systems, single-ply membrane systems, and bentonite waterproofing.

Mr. Garrison's project experience also includes performance and diagnostic testing of the exterior envelope, failure and damage investigations, contract administration services, and quality assurance observations on new and existing structures. He has also provided renovation design services, litigation support, and peer review services for a wide range of projects. Before joining WJE in 2010, Mr. Garrison worked thirteen years for a building envelope consulting firm in Houston, Texas.

REPRESENTATIVE PROJECTS

Roofing and Waterproofing

- Himalaya Herbal Healthcare - Houston, TX: Roof consulting and site observations for new headquarters
- M.D. Anderson Cancer Center—Anderson Central Bates Freeman - Houston, TX: Roofing system and deck condition evaluation
- M.D. Anderson Cancer Center—LeMaistre Clinic - Houston, TX: Water intrusion evaluation of barrel-vaulted metal roofing system
- Celebration Church - Metairie, LA: Investigation of storm-related damage following major storm event

Repair and Rehabilitation Design

- 2001 Kirby Drive - Houston, TX: Construction documents for parking garage deck and planter waterproofing renovation
- M.D. Anderson Cancer Center, Faculty Center - Houston, TX: Construction documents for high-rise roof replacement

Peer Review

- Houston Methodist Hospital North Tower Expansion - Houston, TX: Roofing and exterior walls peer review
- M.D. Anderson Cancer Center, The Pavilion - Houston, TX: Roofing system design peer review
- New Parkland Hospital - Dallas, TX: Roofing system design peer review
- Texas A&M University, Alvin R. Luedecke Building - College Station, TX: Roofing system design peer review for building expansion
- Texas A&M University, Commons Building Renovations and Additions - College Station, TX: Roofing system design peer review

Facade Assessment

- Mosaic on Hermann Park - Houston, TX: Investigation of curtain wall system and source(s) for water infiltration
- Orchard Park - Houston, TX: Investigation of brick masonry distress in mid-rise multifamily complex
- Property Condition Assessments - Dallas, TX, Houston, TX and Miami, FL: Visual assessment of exterior walls and window systems using rope access and suspended scaffolding

EIFS and Stucco Systems

- Il Palazzo - Houston, TX: Construction documents development for EIFS and waterproofing renovation
- Memorial Hermann Hospital - The Woodlands, TX: Investigation of windows and stucco wall systems, and development of remediation construction documents

AWARDS

- Emerging Professional Award of Excellence, 2014, RCI, Inc.
- First Place for Large Waterproofing Project, Warwick Condominium Terrace Renovation, 2006, RCI, Inc.