



#### EDUCATION

- The University of Texas at Arlington
  - Bachelor of Science, Architecture, 1980
- University of Oklahoma
  - Master of Business Administration, 1997

#### PRACTICE AREAS

- Architectural Testing
- Coatings and Sealants
- EIFS, Stucco, Plaster
- Masonry
- Peer Review
- Roofing and Waterproofing
- Stone Cladding and Paving
- Water/Air Leakage Assessment
- Windows/Curtain Walls/Skylights

#### REGISTRATIONS

- Architect in TX
- Registered Interior Designer in TX
- Registered Roof Observer

#### PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- ASTM International
- Texas Society of Architects
- RCI, Inc.

#### CONTACT

bcmahon@wje.com  
972.550.7777  
www.wje.com

#### EXPERIENCE

Bruce McMahon is experienced in investigation, analysis, and the design of corrective measures to mitigate problems with the integrity of all aspects of the building envelope. He joined WJE in 2004 and has thirty-five years of architectural, project management, and construction management expertise. Projects range in size from individual residential units to three million square feet.

Prior to joining WJE, Mr. McMahon was a vice president with the Sunland Group, a project and construction management firm. His services included design review, value engineering, cost estimating, field management of City of Houston construction projects, and project management of design projects at NASA, Johnson Space Center. In former positions, including ownership of a full-service architectural firm, Mr. McMahon performed a full range of services from site assessment and selection through the one-year warranty period.

#### REPRESENTATIVE PROJECTS

##### Architectural Testing

- Condominium Tower - Dallas, TX: Diagnostic spray water testing to investigate water leakage of the building envelope; repair design and construction phase services

##### Coatings and Sealants

- AT&T Stadium - Arlington, TX: System design of the seating bowl waterproofing, coating and sealants. Construction phase services

##### EIFS, Stucco, Plaster

- Dallas/Fort Worth International Airport, Terminal Renovation and Improvement Program - DFW Airport, TX: Stucco and plaster system design review, and construction phase services for all terminals

##### Masonry

- Texas Tech University, Architectural Building - Lubbock, TX: Investigation of remedial masonry work following identification of new areas of distress; repair design and construction observations

#### Peer Review

- City of Frisco Multiuse Center: Frisco, TX: Review of construction documents, design of revision recommendations, and construction observation services

#### Roofing and Waterproofing

- AT&T Stadium - Arlington, TX: Systems consulting on below-grade waterproofing, glazing, veneers, single-ply roofing, and fabric panels; construction phase services
- Mary Kay Headquarters, - Dallas, TX: Design of below-grade waterproofing system; construction phase services

#### Stone Cladding and Paving

- DFW Airport, Terminal B Stinger - DFW Airport, TX: Nondestructive and diagnostic testing and assessment of distressed overlay paving system; reporting and schematic repair recommendations

#### Water/Air Leakage Assessment

- Fidelity One Building - Westlake, TX: Air/water leakage diagnostic testing and assessment of window/curtain wall systems; reporting and schematic repair recommendations

#### Windows/Curtain Walls/Skylights

- First Baptist Church - Wichita Falls, TX: Investigation of leakage in new curtain wall, windows, and ornamental glass entry tower; repair recommendations, observation, and testing services