



PERSONNEL QUALIFICATIONS

Jo Madrid | Senior Associate



EDUCATION

- Universidad Iberoamericana
 - Bachelor of Science, Architectural Studies, 2013
- Universidad Popular Autónoma del Estado de Puebla
 - Master of Architecture, Architectural Housing, 2018
- Oklahoma State University
 - Master of Business Administration, 2018

PRACTICE AREAS

- Building Enclosures
- Peer Review
- Failure and Damage Investigation
- Roofing and Waterproofing
- Water Leakage Testing

REGISTRATIONS

- International Architect in Mexico

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- International Institute of Building Enclosure Consultants - North Texas Chapter, secretary

CONTACT

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EXPERIENCE

Jo Madrid is involved in a broad range of services involving new and existing building enclosures. Her projects include investigation, testing, analysis, repair design, and observation services during construction. Since joining WJE, Ms. Madrid has gained valuable experience in assessing building facades using nondestructive and destructive testing techniques for analysis. She has also consulted on water testing of building envelopes to determine leakage sources.

Before joining WJE in 2019, Ms. Madrid worked and co-owned an architectural firm in Mexico that specialized in design-build residential projects. The firm's services included design review, cost estimating, project management and construction services, and overview through the one-year warranty period. During her graduate studies, Ms. Madrid worked as an architect in the design area at Corgan.

REPRESENTATIVE PROJECTS

Building Enclosures

- Tecnológico de Monterrey Campus Santa Fe - Mexico City, Mexico: Multiphase investigation and repair design for nine buildings on a thirty-two-acre university campus
- Sofia Tower - Monterrey, Mexico: Water testing investigation, repair design, and construction services for curtain wall of mixed-use, forty-two-story building
- Major Retail Chain Headquarters: Building enclosure commissioning and construction phase services
- BE Grand Reforma - Mexico City, Mexico: Facade consulting
- ZOM Scottsdale Residential - AZ: Building enclosure consulting
- Confidential Building - Toronto, Canada: Roof and facade property condition assessment

Peer Review

- Neuchatel Tower - Mexico City, Mexico: Review of drawings and mock-up for curtain wall design for office and retail building
- Preston Hollow Residence - Dallas, TX: Review of building enclosure systems for 14,000-square-foot residence

- Children's Health Specialty Center - Dallas, TX: Review of building enclosure systems for expansion of main hospital building
- Tecnológico de Monterrey Campus Monterrey, Wellness Center - Monterrey, Mexico: Review of drawings for building enclosure systems for new university wellness center
- Dallas Urby Apartments - Dallas, TX: Building enclosure peer review and construction period services
- Terminal at Katy Trail - Dallas, TX: Building enclosure design review and construction period services

Failure and Damage Investigation

- Macy's Parks - Arlington, TX: Investigation of EIFS collapse and repair design
- Condominium Complex - Irving, TX: Investigation, including roofing/facade assessment and water testing, of building enclosure insurance claims for residential complex
- Pioneer Natural Resources - Irving, TX: Glass breakage investigation
- Neuchatel Tower - Mexico City, Mexico: Glass assessment
- Downtown Santa Fé - Mexico City, Mexico: Glass investigation

Roofing and Waterproofing

- Monterra Village - Fort Worth, TX: Roofing assessment
- 1769-1819 W. Pershing Road - Chicago, IL: Immediate roof stabilization

Water Leakage Testing

- Dickies Arena - Fort Worth, TX: Construction phase water intrusion testing of storefront, curtain wall, and roofing systems for 14,000-seat multipurpose arena
- Hillwood Courtyard Marriott - Fort Worth, TX: Water intrusion testing