PERSONNEL QUALIFICATIONS

Melannie A. Ruiz Moreno | Associate III

EDUCATION

- The University of Texas at Austin
  - Bachelor of Architecture, Architecture, 2021
  - Bachelor of Science, Architectural Engineering, 2021

PRACTICE AREAS

- Historic Preservation
- Roofing and Waterproofing
- Architectural Testing
- Coatings
- Windows/Curtain Walls/Skylights

REGISTRATIONS

- OSHA 10 Certification

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- International Institute of Building Enclosure Consultants

CONTACT

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EXPERIENCE

Melannie Ruiz joined WJE in 2021 and has since developed expertise in building enclosure consulting, facade assessments, performance testing, and construction observation services. Her work spans a variety of projects, with a particular focus on historic preservation and roofing.

Before joining WJE, Ms. Ruiz completed an internship at Buro Happold, where she gained valuable experience in project coordination, technical analysis, and design support. During her time there, she developed skills in the integration of building information modeling (BIM) for sustainability initiatives and in interdisciplinary collaboration. Additionally, Ms. Ruiz worked at an architecture firm in Spain, where she contributed to the design and development of several commercial and residential projects, focusing on conceptual design, CAD drafting, and site analysis.

REPRESENTATIVE PROJECTS

Historic Preservation

- University of Texas at Austin (UT Austin) Main Building: Exterior condition assessment and development of restoration design
- Texas State Capitol Building - Austin, TX: Construction observation for rehabilitation of historic copper roof
- Texas A&M University Academic Building - College Station, TX: Assessment of cast stone masonry
- San Jose Indian Quarters - San Antonio, TX: Architectural and engineering services for the foundation stabilization and repair of structural damage

Roofing and Waterproofing

- TxDMV Camp Hubbard Campus - Austin, TX: Building enclosure consulting for roof leakage repairs
- Comal ISD - TX: Roof consulting services for various school buildings
- Spring Condominiums - Austin, TX: Leakage assessment and repair design development at pool plaza
- Austin Resources Center for the Homeless - Austin, TX: Roof coating consulting and construction administration

Architectural Testing

- The Merriman - San Marcos, TX: Building envelope commissioning, design review, and water testing
- John J. Koldus Building - College Station, TX: Investigation of cast stone masonry to determine root cause of distress
- Tech Ridge Multi-Family Project - Austin, TX: Building enclosure consulting services throughout construction
- State Bar of Texas Education and Events Center - Austin: Building enclosure consulting and design services for renovation and expansion

Coatings

- UT Austin South End Zone - Austin: Construction administration services for traffic coating system on second level outdoor patio
- Tech Manufacturing Plant Building - Central TX: Assessment of chemical resistant coating at waffle slabs
- Dudy Noble Field - Starkville, MS: Traffic coating assessment and consulting

Windows/Curtain Walls/Skylights

- Sandpiper Condominiums - Port Aransas, TX: Design and construction period services for replacement of windows and sliding glass doors
- James Earl Rudder Building - Austin, TX: Condition assessment of windows and cornices
- Apartment Complex - Austin, TX: Visual assessment and diagnostic water testing of windows