



EDUCATION

- University of Texas at San Antonio
 - Bachelor of Construction Science and Management, 2013

PRACTICE AREAS

- Facade Assessment and Repair
- Water/Air Leakage Assessment
- Roofing and Waterproofing
- Peer Review
- Construction Troubleshooting
- Litigation Consulting

CONTACT

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EXPERIENCE

Venessa Martinez joined WJE in 2023 with twelve years of construction experience. Her work focuses on air and water leakage investigations and condition assessments of various building enclosure systems. Her thorough understanding of below- and above-grade waterproofing systems allows her to prevent and develop solutions for complicated water leakage issues.

REPRESENTATIVE PROJECTS

Facade Assessment and Repair

- Oscar Eason Senior Living Apartments - San Antonio, TX: Evaluation, analysis, and repair design for complete recladding of existing building combined with structural repairs
- San Antonio International Airport, Terminal A - TX: Fenestrations assessment for current energy codes; curtain wall and storefront assessment

Water/Air Leakage Assessment

- The Alamo Cistern - San Antonio, TX: Below-grade waterproofing evaluation and testing under hydrostatic pressure
- King Ranch Saddle Shop - San Antonio, TX: Water leakage assessment for storefront windows
- Highlands High School Athletics - TX: Roof and mechanical equipment leak assessment

Roofing and Waterproofing

- The Alamo Plaza - San Antonio, TX: Assessment and evaluation of plaza paving waterproofing distress
- North East Independent School District - San Antonio, TX: Annual roof condition assessments, long-range planning, and warranty claim management
- Comal Independent School District (CISD) - New Braunfels, TX: District-wide roof surveys, hail damage assessments, and warranty repair conditions for annual roof asset management project
- Eilan Apartments - San Antonio, TX: Clay tile roof assembly repairs
- San Antonio International Airport, Terminal A - TX: Barrel roof assessment

Peer Review

- Texas Department of Public Safety, Law Enforcement Academy and Training Center - Florence: Peer review of architectural design drawings
- Texas A&M University, San Antonio Public Health and Education Building: Peer review of architectural design drawings with construction period services
- San Antonio International Airport, Terminal C - TX: Building enclosure commissioning peer review of expansion for design team
- CISD, Smithson Valley High School Wrestling and ROTC - Spring Branch, TX: Peer review and construction period services

Construction Troubleshooting

- CISD, Mountain Valley Middle School - Canyon Lake, TX: Construction administration services for new building construction and existing building renovations
- CISD, Hill Country College Prep High School - New Braunfels, TX: Construction administration services for new building

Litigation Consulting

- Barcelona Apartments - San Antonio, TX
- City of San Marcos Fire Station No. 2 - New Braunfels, TX