



EDUCATION

- Carnegie Mellon University
 - Bachelor of Architecture, 2009

PRACTICE AREAS

- Historic Preservation
- Construction Troubleshooting
- Peer Review
- Water/Air Leakage Assessment
- Design
- Building Science
- Computer Modeling
- Roofing and Waterproofing

PROFESSIONAL AFFILIATIONS

- American Institute of Architects

CONTACT

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EXPERIENCE

Marc Manzke specializes in the design, assessment, and constructability of building envelopes with expertise spanning historic preservation, forensic investigation, and performance-driven architecture. His background in design-build project delivery, construction administration, and architectural education as a former studio professor brings an interdisciplinary and research-driven approach to problem solving. With sixteen years of experience guiding projects from conceptual design through construction into the built environment, Mr. Manzke brings rigorous attention to craft in each facet of his practice. Through a deep understanding of materials, craftsmanship, and environmental factors, he develops durable solutions for complex building systems.

REPRESENTATIVE PROJECTS

Historic Preservation

- Merchants Ice House - San Antonio, TX: Assessment and repair design of mass masonry building
- Continental Hotel and Arana Building - San Antonio, TX: Evaluation of existing envelopes
- Tower Life - San Antonio, TX: Evaluation of existing envelope systems
- Majestic Theater - San Antonio, TX: Evaluation of existing envelope systems
- Alameda Theater - San Antonio, TX: Structural assessment and testing of cladding systems; repair design for wall systems
- Tower of the Americas - San Antonio, TX: Assessment and testing of cladding systems

Construction Troubleshooting

- Texas A&M University-San Antonio, Student Housing: Testing of wall/fenestration systems
- Blue Skies of Texas, Dallas Building - San Antonio: Structural remediations
- Holiday Inn Riverwalk - San Antonio, TX: Split slab waterproofing and overburden assessment and redesign
- HEB Foundation - San Antonio, TX: Underslab water penetration and vapor barrier testing

Peer Review

- Texas A&M University-San Antonio, Recreation Center: OAC liaison; testing of wall/fenestration systems

- Oxbow Isleta - San Antonio, TX: Peer reviewer to architect of record (AOR)
- Oxbow Grove Hotel - San Antonio, TX: Peer reviewer to AOR and building performance consultant
- Fredericksburg Independent School District (ISD), Fredericksburg Middle School - Fredericksburg, TX: Peer reviewer to AOR and construction period services
- Hays Consolidated School District, Cullen Elementary School - Kyle, TX: Peer reviewer to AOR and construction period services

Water/Air Leakage Assessment

- Alamo Cistern - San Antonio, TX: Below-grade waterproofing evaluation and testing under hydrostatic pressure head
- Sandpiper - Port Aransas, TX: Whole building air leakage testing and large-scale water penetration testing
- Golds Gym - San Antonio, TX: Underslab water penetration and vapor barrier testing and monitoring

Design

- Thompson Hotel - San Antonio, TX: Architectural massing redesign
- Wasatch Peaks Ranch - Peterson, UT: Peer review and on-site mock-ups with AOR

Building Science

- Gregory-Portland ISD, Early Childhood Center - Corpus Christi, TX: Hygrothermal analysis

Computer Modeling

- Merchants Ice House - San Antonio, TX: BIM model manager, as-built development, and detailing

Roofing and Waterproofing

- Merchants Ice House - San Antonio, TX: Drainage calculations, system self-weight analysis, and roof system design for roof amenities
- The Apollo, Reed Row, and the Lockwood - Washington, D.C.: Amenity roof and envelope assessment