



#### EXPERIENCE

Alonso Caro, Jr. joined WJE in 2006, bringing extensive general construction knowledge of and specializing in roofing, as well as the building enclosure. Mr. Caro has conducted many building enclosure condition assessments. His primary roles have included roof consulting, conducting field surveys, developing roof designs and specifications, construction administration of roofing and waterproofing projects, and performing water infiltration and infrared thermography as part of these investigations. Mr. Caro has broad-based construction experience in residential and commercial projects.

During his field assessments and investigations, Mr. Caro has utilized both destructive and nondestructive testing. His investigations frequently include field performance testing of windows, cladding systems, waterproofing, roofing, and concrete.

#### REPRESENTATIVE PROJECTS

##### Roofing and Waterproofing

- Texas A&M University, Sterling C. Evans Library - College Station, TX: Roof survey analysis, structural concrete roof deck moisture analysis, construction documents, roof observations, and project management
- Kerrville State Hospital - Kerrville, TX: Roof survey analysis including moisture survey, construction documents, and project management
- North East Independent School District - San Antonio, TX: Comprehensive roofing condition survey of all campuses.
- Murchison Middle School, Austin Independent School District - Austin, TX: Roof condition assessment of low slope roofs and metal roofs, preparation of construction drawings and details, roof observations, and project management
- Robertson Elementary School, Round Rock Independent School District - Round Rock, TX: Roof condition assessment, preparation of construction drawings and details, roof observations, and project management

- Mountainview Elementary School, Waco Independent School District - Waco, TX: Roof condition assessment, preparation of construction drawings and details, roof observations, and project management
- Lee County Courthouse - Giddings, TX: Observations of reinforcement steel, concrete underpinning placement, and below-grade waterproofing
- LBJ Presidential Library and Museum - Austin, TX: Observations for plaza restoration repairs including concrete, waterproofing, and stone

##### Leakage Investigation

- Nuevo Sur - Monterrey, Mexico: Roof and building envelope condition assessment, and forensic testing of roofing, plaza, balconies, and cladding systems
- San Antonio Behavioral Health - San Antonio, TX: Forensic testing of roof and cladding systems
- University of Texas at San Antonio, Main Building - San Antonio, TX: Forensic testing of windows, roofs, plaza, and cladding systems
- Travis County Juvenile Center - Austin, TX: Roof and building envelope condition assessment, and forensic testing of roofing, windows, balconies, and cladding systems

##### Failure/Damage Investigations

- North East Independent School District - San Antonio, TX: Assessment of roof hail damage at thirty-nine district campuses and forensic analysis of roof membrane
- The Village at Camp Bowie - Fort Worth, TX: Assessment of roof hail damage of multi-building retail center and forensic analysis of roof membrane

##### PRESENTATIONS

- RCI Inc., 30th International Convention and Trade Show, Seminar on *Roofing Over Wet Concrete Substrate*

##### TECHNICAL COMMITTEES

- RCI Inc. - Technical Advisory Committee

#### EDUCATION

- Austin Community College
  - Certificate in Carpentry with Honors, 2006
  - Certificate in Construction Management with Honors, 2006

#### PRACTICE AREAS

- Roofing and Waterproofing
- Leakage Investigation
- Failure/Damage Investigations
- Construction Administration
- Construction Observation Services
- Water Penetration Testing

#### REGISTRATIONS

- ACI Adhesive Anchor Installer
- RCI Registered Roof Consultant
- RCI Registered Roof Observer
- CSI Construction Documents Technologist

#### PROFESSIONAL AFFILIATIONS

- RCI, Inc. - Central Texas Chapter, Past President (2015)
- Roofing Contractors Association of Texas (RCAT)
- Roofing Industry Committee on Weather Issues, Inc. (RICOWI)

#### CONTACT

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