

Rodolfo E. Serrano, Jr., MSE, PE, CFEI | District Engineering Principal

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Professional Summary:

Mr. Serrano has over 20 years of structural analysis and design as well as forensic engineering experience. Mr. Serrano has extensive experience in structural design of buildings, structural condition assessments, structural failure investigations, code compliance inspections, risk assessments, roof and building envelope evaluations, facilities condition assessments, and forensic engineering investigations. He has a working knowledge of a wide variety of building systems and types of construction.

- Windstorm (Hurricane and Tornado) Evaluations
- Structural Condition Assessments
- Structural Analysis and Design
- Property Condition Assessments
- Water Intrusion Investigations
- Roof and Building Envelope Evaluations
- Foundation Evaluations

Licenses and Certifications:

Licensed Professional Engineer, State of Texas, No. 96446

Licensed Professional Engineer, State of Florida, No. 79915

Certified Fire and Explosion Investigator, No. 9497

NCEES Model Law Engineer, No. 54363

Project Experience:

Windstorm (Hurricane and Tornado) Evaluations – Various Sites, Texas, Louisiana, New York, Mexico, Australia, and The Bahamas

Has performed building evaluations related to Hurricanes and Storms in Texas, Louisiana, New York, Mexico, Australia, and The Bahamas.

Structural Failure Investigations – Various Sites, Texas and Mexico

Has performed structural failure investigations for different building types in Texas and Mexico.

Structural Evaluations – Various Sites, Texas, New York, Mexico, Australia, and The Bahamas

Has performed structural evaluations for different building types in Texas, New York, Mexico, Australia, and The Bahamas.

Water Intrusion Investigations – Various Sites, Texas and Florida

Has performed water infiltration investigations in Texas and Florida.



Roof and Building Envelope Evaluations – Various Sites, Texas, New Mexico, Florida and The Bahamas

Has performed roof and building envelope evaluations in Texas, New Mexico, Florida and The Bahamas.

Residential and Commercial Foundation Evaluations – Various Sites, Texas

Has conducted residential and commercial foundation evaluations in Texas.

Professional Experience:

EFI Global, Inc.

2006 – Present
District Engineering Principal (2018 – Present)
Principal Engineer (2013 – 2018)
Senior Engineer (2006 – 2013)

ABS Consulting, Inc.

2005 – 2006
Lead Engineer

Alpha Consulting Engineers, Inc.

2004 – 2005
Project Engineer

Structural Engineering Associates, Inc.

2003 – 2004
Project Engineer

Jaster-Quintanilla and Associates

1993 – 1998
Graduate Engineer

Rimkus Consulting Group

1993
Civil Engineer

Education:

University of Michigan, Ann Arbor, MI

Master of Science, Civil Engineering, 1993

The University of Texas at El Paso, El Paso, TX

Bachelor of Science, Civil Engineering, 1991

Affiliations:

Chi Epsilon, The National Civil Engineering Honor Society
Order of the Engineer
National Society of Professional Engineers
American Society of Civil Engineers
National Association of Fire Investigators

**Litigation CV available upon request

