

Brian J. Sattler, P.E. | Senior Forensic Engineer

1700 Tech Centre Parkway, Suite 110, Arlington, Texas 76014

214.973.9762

brian.sattler@efiglobal.com

Professional Summary:

Mr. Sattler has over twelve years of experience in engineering design and analysis of existing structures. For the last seven years, Mr. Sattler has been performing structural forensic services for residential and commercial structures including soil-structure interactions, the performance of structural systems, evaluations of building envelopes, and determination of cause, origin, and extent of peril damage. Structural system assessments include damage investigations related to current or latent design and construction defects. Building envelope assessments include damage investigations related to roof coverings, veneers, flashing, and weather resistive barriers. Peril assessments include damage investigations relating to earthquakes, hurricanes, tornados, lightning strikes, explosions, fire, and vehicle-structure collisions.

In addition, Mr. Sattler has experience including structural design, civil land development, and construction project management. Structural design experience includes large, custom residential and light commercial structure foundation and framing, as well as ancillary structures including retaining walls and swimming pools. Civil land development design experience includes drainage channels, closed storm systems, grading, paving plan and profiles, public utility plan and profiles, and erosion control for residential development, light commercial development, and roadway projects.

- Building Envelope Assessments
- Construction Project Management
- Property Condition Assessments
- Foundation Design
- Structural Origin and Cause Investigation
- Earth Retaining Structure Assessments

Licenses and Certifications:

Professional Engineer, Texas, License #110262

Professional Engineer, Alabama, License #37418-E

Professional Engineer, Arkansas, License #18215

Professional Engineer, Florida, License #84500

Professional Engineer, Georgia, License #PE043144

Professional Engineer, Kansas, License #26193

Professional Engineer, Louisiana, License #42356

Licenses and Certifications (Continued):

Professional Engineer, Mississippi, License #29001
Professional Engineer, Missouri, License #PE-2018007868
Professional Engineer, New Mexico, License #24625
Professional Engineer, North Carolina, License #046534
Professional Engineer, Oklahoma, License #26742
Professional Engineer, South Carolina, License #35349
NCEES National Registration, Model Law Engineer #57502
Building Envelope Trained and Certified, Building Envelope Science Institute
Certified Inspector (Commercial/Residential Roofs, Wind Damage), Haag, #201605333

Professional Experience:

EFI Global, Inc. (Formerly Unified Investigations and Sciences, Inc.), Senior Forensic Engineer, 2017 – Present
Paragon Structural Engineering, Ltd., Staff Structural Engineer, 2013 – 2017
Architectural Wall Systems, Inc., Staff Engineer, 2012 – 2013
Bryant Consultants, Inc., Project Manager, 2010 – 2012
Mario Sinacola & Sons Excavation, Inc, Project Engineer, 2009 – 2010
Kimley-Horn & Associates, Inc., Analyst, 2007 – 2009
Foundation Design, Ltd., Graduate Engineer, 2006 – 2007

Specialized Education:

Building Envelope Trained and Certified, Building Envelope Science Institute, Inc., 2017
Haag Certified Inspector – Commercial Roofs V2, Haag Education, LLC, 2017
Haag Certified Inspector – Residential Roofs, Haag Education, LLC, 2016
Haag Certified Inspector – Wind Damage, Haag Education, LLC, 2016
Fire Damage and Post-Fire Assessment of Structural Wood Members, National Council of Structural Engineers Associations, 2016
Composition Roofs Damage Assessment, Haag Education, LLC, 2015
Composition, Wood and Tile Roofs Damage Assessment, Haag Education, LLC, 2015
Mechanical Damage to Roofs, Haag Education, LLC, 2015
Metal Roofs Damage Assessment, Haag Education, LLC, 2015
Connections for Wood Framed Structures, ASCE, 2014
Introduction to ASCE 7-10 Wind Loads, ASCE, 2014
Cold-Formed Steel Lateral Design Provisions, Structures and Codes Institute, 2013
Fire-Rated Glass and Framing, Technical Glass Products, 2013
Plumbing Basics – Leak Locating and Systems, Herndon/McFarland, Inc., 2013
Renovations of Slabs on Grade, ASCE, 2013
Retaining Wall and Post-Tensioned Slab Design, HalfMoon Education, Inc., 2013



Education:

Bachelor of Science, Civil Engineering, Marquette University, Milwaukee, Wisconsin, 2006

Affiliations:

Building Envelope Science Institute (BESI)
Order of the Engineer