



BRIAN C. EUBANKS, M.S.C.E., P.E., D.F.E.

Principal Structural Engineer
brian@pseglobal.com

September 27, 2018



Brian C. Eubanks, M.S.C.E, P.E, D.F.E. is the founder and Principal Structural Engineer of Paragon Structural Engineering, LTD, (PSE) a structural design and forensic investigation firm based in Plano, Texas. Mr. Eubanks leads a technical staff comprised of professional engineers, graduate engineers, project managers, and field technicians in the structural design and forensic investigation of planned and existing structures. Mr. Eubanks' structural design services include analysis and engineering of large, custom single-family residences, multi-family apartment/condominium complexes, low-rise commercial facilities, warehouses and ancillary structures (retaining walls, screen walls, and swimming pools). Mr. Eubanks also performs construction phase observations of the aforementioned structural systems to verify design compliance. Mr. Eubanks has performed engineering designs for thousands of residential and low-rise commercial structures as well as hundreds of retaining walls, screen walls, and pools. Mr. Eubanks' structural forensic services include investigations concerning soil-structure interactions, performance of structural systems, evaluation of building envelopes, and determination of cause, origin, and extent of peril damage. Soil-structure interaction assessments include claims relating to design, construction, historic/current site effects, and moisture source influences. Structural system assessments include claims relating to current or latent design and construction issues. Building envelope assessments include claims related to roof coverings, veneers, flashing, and weather resistive barriers. Peril assessments include claims relating to hurricane damage, tornado damage, lightning strikes, earthquakes, explosions, fire damage, and vehicle-structure collisions. Mr. Eubanks has performed hundreds of forensic investigations and he has authored dozens of expert reports for use in mediation, arbitration, and/or litigation. In addition, Mr. Eubanks has provided expert witness testimony in dozens of mediations, arbitrations, and court cases. Mr. Eubanks is a Licensed Professional Engineer in 10 states, is a Board Certified Diplomate in Forensic Engineering by the National Academy of Forensic Engineers, is Building Envelope Trained and Certified by the Building Envelope Science Institute, and is also Certified Windstorm Inspector by the Texas Department of Insurance. Mr. Eubanks also serves as a member of the American Concrete Institute's Design of Slabs-on-Ground Committee (360), the American Society of Civil Engineers Committee on Forensic Investigations and the Residential Foundation Investigation and Design Subcommittee (ASCE-Texas Section), the Post-Tensioning Institute's Slab-on-Ground Committee (DC-10), Structural (DC-10A) and Construction/Maintenance (DC-10D) Subcommittees, the ASTM International Committees on Concrete Aggregates (C-09), Forensic Engineering (E-58), Soil and Rock (D-18), and Wood (D-07), the Dallas Builders Association Education Committee, and the Texas Association of Builders Attorney Council / Legal Affairs Committee and Codes & Standards Committee. Additionally, Mr. Eubanks has served as an Arbitrator, a Technical Paper Reviewer, is designated as a Technical Expert by the Texas Board of Professional Engineers, and serves on the Board of Trustees for Prestonwood Christian Academy. Mr. Eubanks aims to educate with regard to soil-structure interaction, the design, performance, and evaluation of structural systems, the evaluations of building envelopes, causes and origins of damage to new and existing structures, as well as remedial solutions.