



Douglas Miller

PE

Senior Managing Engineer

Department

Engineering Services

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Email: doug.miller@yaeservices.com

Locations

Baltimore, MD

Washington, DC

Biography

Since 2004, Mr. Miller's professional focus has been structural engineering and forensic damage assessments of structures. His clients include property owners, architects, property management companies and HOAs, local governments, building departments, contractors, attorneys, independent adjusters, insurance carriers, and design professionals. Mr. Miller's engineering design experience includes structural design and analysis for new construction, additions, renovations, and rehab projects using wood, steel, concrete, precast/prestressed concrete, and masonry. Mr. Miller's forensic engineering experience includes investigating insurance claims and litigation cases involving buildings damaged from wind, tornados, hurricanes, hail, snow/ice, storm surge/flooding, earthquakes, fires, construction vibrations, moisture intrusion and building envelope issues, and foundation movement. Mr. Miller also has experience evaluating damage to non-building structures such as concrete and masonry fences and retaining walls, concrete slabs, driveways, and general flatwork.

Mr. Miller has experience with a wide range of building types including multi-family residential, commercial, industrial, agricultural, and institutional facilities. In addition, Mr. Miller has performed construction defect assessments, structural failure analyses, repair recommendations, building code reviews for repairs, and provided assistance on Builder's Risk evaluations. Mr. Miller also provides expert witness testimony in support of arbitration and litigation proceedings.

Credentials

- PE | Professional Engineer

Representative Consulting Assignments

- Available Upon Request

Professional Experience

- 2021 - Current | Senior Managing Engineer | YA Engineering Services
- 2019 - 2021 | Senior Engineer, Area Lead | J.S. Held, LLC
- 2017 - 2019 | Senior Forensic Engineer | CASE Forensics/Jensen Hughes
- 2013 - 2017 | Forensic Engineer | IN-Line Forensics, Inc.
- 2009 - 2013 | Forensic Engineer | PT&C Forensic Consulting Services, PA
- 2005 - 2009 | Project Engineer | CTW Engineers, Inc.
- 2004 - 2005 | Project Engineer | ATMI Precast, Inc.

Area of Practice

- Building Code Upgrade Review
- Building Envelope
- Condition Assessment
- Damage Assessment

- Earthquake Engineering
- Failure Analysis
- Repair and Rehabilitation Design
- Roofing
- Structural Analysis

Education

- University of Illinois - Bachelor of Science - Civil Engineering - Champaign - Illinois

Licenses

- 38564-E - Alabama - Professional Engineer
 - 72621 - California - Professional Engineer
 - PE922139 - District of Columbia - Professional Engineer
 - 23950 - Delaware - Professional Engineer
 - 76804 - Florida - Professional Engineer
 - 53867 - Maryland - Professional Engineer
 - 24GE05614900 - New Jersey - Professional Engineer
 - 095421 - New York - Professional Engineer
 - PE090857 - Pennsylvania - Professional Engineer
 - 112167 - Texas - Professional Engineer
 - 402062026 - Virginia - Professional Engineer
 - 24739 - West Virginia - Professional Engineer
 - PE047113 - Georgia - Professional Engineer
 - 051133 - North Carolina - Professional Engineer
 - 39004 - South Carolina - Professional Engineer
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