

Brian Danzis | Forensic Engineer, P.E.

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Professional Summary:

Mr. Danzis has 9+ years of experience in the field of residential structural engineering. He obtained his Master of Civil Engineering: Structures degree from the University of South Florida in 2013. His area of expertise is in residential structural engineering for new/existing construction. Mr. Danzis has experience with the Florida Building Codes and has engineered numerous residential structures throughout the state of Florida, ranging from single-story, single-family dwellings to multi-story, multi-family townhomes.

Areas of Expertise:

- Residential structural engineering
- New and existing structures
- Knowledgeable in the design of masonry, concrete, steel and wood

Licenses and Certifications:

Professional Engineer, FL, License #81262

Professional Engineer, TX, License #129445

Professional Engineer, DE, License #21804

Professional Engineer, PA, License #PE087210

Project Experience:

Monta Consulting and Design, Lake Mary, FL New Construction - Townhome

Completed the engineering design of an 8-unit, three-story townhome comprised of pre-engineered wood trusses, wood framing, masonry and concrete.

Monta Consulting and Design, Lake Mary, FL Remodel – Residential structure

Completed a site study and structural engineering to add a second story to an existing single-story wood framed structure built upon a beam and pier foundation.

Florida Structural Engineering, Inc., Tampa, FL Foundation Design – SODC at MacDill Air Force Base

Completed the foundation engineering for a pre-engineered metal building located at MacDill Air Force Base.

Professional Experience:

EFI Global, Forensic Engineer, 2019 – Present
Monta Consulting and Design, Chief Engineer, 2018 – 2019
Monta Consulting and Design, Assistant Chief Engineer, 2016 – 2018
Monta Consulting and Design, Senior Staff Engineer, 2013 – 2016
Florida Structural Engineering, Inc., Engineer-In-Training, 2010 – 2013

Specialized Education:

Anatomy of Construction Defects, RedVector, 2019
Hurricane Damage Investigations – Wind vs. Water, RedVector, 2019
Roofing – Flexible Membrane Wind Load Design, RedVector, 2019
Leak Detection for Roofs, RedVector, 2019
Hurricane Mitigation Techniques and Inspection, RedVector, 2019
Pier and Beam Foundation Design, RedVector, 2019
Designing Buildings for Tornadoes, RedVector, 2018
Lateral Design of Midrise Wood Structures, RedVector, 2018
Basic Wind Loads ASCE 7-10, RedVector, 2018

Education:

Master of Civil Engineering, Structures, University of South Florida, Tampa, FL, 2013

Affiliations:

Tau Beta Pi, Florida Gamma Chapter, Tampa, FL