

**ENGINEER: STRUCTURAL/CIVIL**

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**EDUCATION:**

- 1996 Bachelor of Science, Civil Engineering  
University of Central Florida, Orlando, Florida
- 1993 Associate of Art  
Valencia Community College, Orlando, Florida
- 1982 Associate of Applied Science  
Tri-Cities State Technical Institute, Blountville, Tennessee

**PROFESSIONAL EXPERIENCE:**

- October 2000 to Present **Engineering Design & Testing Corp., Charleston, South Carolina**  
Consulting Engineer. Specialized consulting in the area of structural engineering for commercial, industrial, and residential structures including cause and origin of collapsed structures, wind, flood, fire and settlement damage, construction losses, analysis of costs to repair or replace, evaluation and analysis of construction disputes. Provide investigations to determine the cause and origin of fires.
- September 1996 to October 2000 **Bowen Engineering Corp., Orlando, Florida**  
Structural Engineer and Project Manager. Performed conceptual and detailed structural design and detailed structural analysis for multimillion dollar commercial, educational, and residential projects.

**CONTINUING EDUCATION:**

- 2010 Geological Engineering Basics for Non-Geotechnical Engineers provided by Decatur Professional Development, LLC; Wood Decay vs. Termite Damage (Presenter); Tile Flooring Installation and Inspection provided by Engineering Design & Testing, Corp.

- 2009 Start to Finish: The Role of the Engineer in a Case; Alternate Means and Methods as Provided by the ICC (Presenter); and You Can Judge a Roof by Its Cover provided by Engineering Design & Testing Corp.; Florida Laws and Rules for Engineers provided by Decatur Professional Development, LLC
- 2008 Bearing Capacity of Shallow Footings and Construction of Residential Buildings in Coastal Areas provided by Decatur Professional Development, LLC; Building Codes training provided by Lorman. Damage Assessment – Electronic Theodolite Applications; Pedestrian Falls; and Spontaneous Ignition and Pyrolysis provided by Engineering Design & Testing Corp.
- 2007 Concrete Petrography; Post Toasting – Post Fire Structural Surveys and Investigations; and Lean On Me – Temporary Construction Bracing provided by Engineering Design & Testing Corp.
- 2006 Hail Testing of Residential Roofing Materials; Who is Fellenius and What Can He Tell Us About Unsuitable Soils provided by Engineering Design & Testing Corp.
- 2005 An Introduction to Infrared Thermography; Windows: Performance and Testing; and Variations between the Florida Building Code and the International Building Code provided by Engineering Design & Testing Corp.
- 2004 Confined Space Entry Compliance training provided by the Safety and Health Council of North Carolina; Reinforced Modular Block Walls and Metal Roofing Systems provided by Engineering Design & Testing Corp.
- 2003 Moisture in Residential Crawlspace and EIFS Panel Discussion provided by Engineering Design & Testing Corp.
- 2002 Fire Sample Handling, Examination and Evaluation of Wood Roofs and Wood Decay vs. Termite Damage (Presenter) provided by Engineering Design & Testing Corp.
- 2001 Characteristics of Roofing Systems and Reporting on Common Structural Issues provided by Engineering Design & Testing Corp.
- 1999 DPIC's Professional Liability Education program: *Liability IQ for Architects and Engineers.*
- 1999 Presented technical data for program entitled PROBOLT, *Structural*

*Tie-down System* to the monthly meeting of the Mid-Florida Chapter of Building Officials.

- 1999 Light Gauge Steel Engineers Association's Cold Formed Steel Design Seminar on the design and analysis of Light Gauge Metal Framing in commercial and residential projects.
- 1997 Florida Concrete and Products Association Masonry Construction and Inspection Certification Workshop. A two-day seminar on the design, installation, and inspection of masonry walls held in Orlando, Florida. Certified as Structural Masonry Inspector (expired 9/20/99).
- 1997 ACI seminar on Tilt-up Construction and Slabs on Grade. The seminar addressed the design and proper construction practices for Concrete Tilt-up walls and Structural Slabs on Grade. Held in Orlando, Florida.
- 1996 Florida Concrete and Products Association Seminar on concrete mix selection and proper placement and finishing.

**ORGANIZATIONS:**

American Society of Civil Engineers  
Southern Building Code Congress International  
International Code Council

**REGISTRATIONS AND CERTIFICATIONS:**

Registered Professional Engineer in South Carolina (#21673)  
Registered Professional Engineer in Georgia (#028936)  
Registered Professional Engineer in North Carolina (#30353)  
Registered Professional Engineer in Florida (#63362)  
Registered Professional Engineer in West Virginia (#18303)  
Building Inspector, Southern Building Code Congress International (SBCCI) (#8202)  
National Council of Examiners for Engineering and Surveying (NCEES) (Record #22852)