

Thomas E. Miller, P.E.



Experience:

Structural Engineering and Inspections, Inc., Lutz, Florida.

Owner / Structural Engineer / President (March 2002 – Present).

Principal responsibilities include single, multi-family and light commercial structural design, structural site investigation/repair/quality control, and pre-engineered wood truss review/repair.

Architectural Services and Engineering Inc., Lutz, Florida.

Structural Engineer / Engineering Manager (March 2000 – March 2002).

Principal responsibilities include residential structural design, structural site investigation/repair/ quality control, and pre-engineered wood truss review/repair to support in house architectural design department, two homebuilders and five truss plants.

Dansco Engineering, P.A., Apollo Beach, Florida.

Structural Engineering Intern (October 1997 - March 2000).

Principal responsibilities include residential structural design, structural site investigation/repair/ quality control, and pre-engineered wood truss review/repair to support five homebuilders and two truss plants

Robbins Engineering, Inc., Tampa, Florida.

Truss Engineering Intern (January 1995 – October 1997).

Principal responsibilities include pre-engineered wood truss review/repair and maintenance of UNIX-based and PC-based structural engineering software to support twenty truss plants.

Brown and Root Services Inc., Cape Canaveral, Florida.

Engineering Internship (June 1994 – August 1994).

Principal responsibilities included assisting with site inspections for development of technical reports and cost estimation for demolition purposes.

Education:

Florida Institute of Technology, Melbourne, Florida.

Bachelor of Science, Civil Engineering, December 1994.

University of South Florida, Tampa, Florida.

Continuing Education, Structural Engineering.

Professional Certificates:

- Florida Professional Engineer, February 2001, License #56877, (Structures I Test).
- NCEES Record for multiple state professional engineering licensures.
- Alabama Professional Engineer, April 2003, License #25612.
- Georgia Professional Engineer, October 2002, License #28239.
- North Carolina Professional Engineer, March 2002, License #28631.
- South Carolina Professional Engineer, February 2003, License #22549.
- Texas Professional Engineer, September 2005, License #96203.
- Continuing Education: Certification for Florida Building Code.
- Continuing Education: Certification for Laws and Rules of Florida.
- Continuing Education: Engineer as an Expert Witness.

Thomas E. Miller, P.E. (Continued)



Professional Organizations:

- American Institute of Steel Construction, Inc. (AISC).
- Building Officials of Florida (BOAF).
- Florida Association of Sinkhole Stabilization Specialists (FAS³).
- Florida Home Builders Association.
- Home Builders Association of Manatee County (HPA of Manatee).
- International Code Council (ICC).
- National Association of Home Builders (NAHB).
- Tampa Bay Builders Association (TBBA).
- West Coast Claims Association (WCCA).
- West Florida Truss Association (WFTA).

Special / Signature Work*

- Enhanced Hurricane Protection Area (EHPA), 11,500 Sq. Ft., Masonry / Bar Joist, Tampa, Florida:
 - Threshold Inspection Rep. - On site inspections and reports for compliance with TI Plan.
- Enhanced Hurricane Protection Area (EHPA), 72,000 Sq. Ft., Multi Story-Tilt-up / Bar Joist, Tampa, Florida:
 - Threshold Inspection Rep. - On site inspections and reports for compliance with TI Plan.
- Gymnasium, 17,920 Sq. Ft., Tilt-up / Bar Joist, Tampa, Florida:
 - Threshold Inspection Rep. - On site inspections and reports for compliance with TI Plan.
- Commercial Building Truss Collapse, Tampa, Florida:
 - On site inspection and probable cause report of truss collapse.
- Commercial Processing Plant, Multifamily Condo, Single Family Residential Home(s), Florida:
 - On site inspection and report addressing structural deficiencies due to fire damage.
- New Residential Building "Frame Inspection", 10,400+ Sq. Ft., Tampa, Florida:
 - On site inspection and report (76 pages) addressing structural design and construction deficiencies.
- Three Story Hotel, Jacksonville, Florida:
 - On site inspection of improperly constructed pre-engineered wood floor trusses. Developed repair specifications and onsite verification of completion.
- Track Builder, Quality Control Inspection Program, 1,000+ homes, Florida:
 - On site inspections and reports for six stage structural construction inspection program.
- Car Impact, Commercial Building, 1,800 Sq. Ft., St. Petersburg, Florida:
 - Inspections and design of structural remediation related to damage caused by a Car Impact.
- Structure Fire, Residential Building, 2,862 Sq. Ft., Brandon, Florida:
 - Inspections and design of structural remediation related to damage caused by a Fire.
- Tree Collapse, Residential Building, 3,400 Sq. Ft., Valrico, Florida:
 - Inspections and design of structural remediation related to damage caused by a Tree Collapse.
- Wind Damage, Residential Building, 3,018 Sq. Ft., St. Petersburg, Florida:
 - Inspections and design of structural remediation related to damage caused by a Wind event.
- Expert Witness History:
 - Construction Dispute Golf Community Residence, 6,000+ Sq. Ft., Tampa, Florida:
 - On site inspection and report addressing structural deficiencies.
 - Mediation, Arbitration.
 - Construction Dispute, Waterfront Residence, Apollo Beach, Florida:
 - On-site inspection.
 - Deposition.

* Work done throughout engineering career which is not limited to time at SEI.