

WHY TRUST MSD ENGINEERING?



Experience

MSD Engineering, LLC (MSD) is owned and operated by a licensed professional structural engineer with 30 years of experience in the design, inspection, construction oversight, and forensic investigation of commercial and residential buildings.



Licensed & Insured

Mark S. Densmore is a licensed Professional Engineers (P.E.). Board-Certified Diplomate in Forensic Engineering (DFE) and Florida Recognized Structural Engineer (FRSE). MSD has a Florida Board of Professional Engineers Business Registry Number 30885. MSD is a licensed P.E. in 14 States, plus DC.



Fair & Unbiased

Upholding the highest professional engineering standards and ethics is who MSD is and what MSD does. Protecting the health, safety, and welfare of the Florida public is number one.



Thorough

MSD investigations and resulting detailed reports are founded on years of sound engineering judgment that enable you to take action with confidence.



Knowledgeable

You can trust that MSD Engineering will assign an experienced engineer to your project. Not junior engineers that might be cutting their teeth on your project that may happen with some of the larger firms.



CONTACT

(941) 536-9504

11161 E. State Road 70, Suite 110-172

Lakewood Ranch, Florida 34202

mark@msdengineering.net

www.msdengineering.net



MSD

ENGINEERING



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Expert Witness

- Expert Witness Testimony and Litigation Support in Florida – Wind and Hail Defects Roofing Expert, Construction Defects Expert, Structural Engineering Expert.
- Number of Times Deposed/Testified in Last 4 Years: 16
- Independent, unbiased, and objective engineering judgment.



MSD's Services

Structural Forensic Investigations

If there is a problem or failure with a structure, MSD specializes in performing investigations to determine what happened and why. Those “problems” include a wide variety of issues in both commercial and residential structures like:

- Wind Damage
- Hail Damage
- Storm and Flood Damage
- Fire Damage
- Tree Damage
- Building Component Failures
- Foundation Movement
- Vehicle Impacts
- Moisture Intrusions
- Construction Defects

Threshold Inspections

Building failures during construction are real and are dangerous. In response to past tragic collapses or failures, the state of Florida responded and requires that certain buildings defined as “Threshold Buildings” to be inspected during construction. Mark S Densmore is qualified to conduct these Threshold Inspections because he is a licensed Special Inspector.

In addition, selecting a Florida Special Inspector of Threshold Buildings to provide the Milestone Inspection on your condominium ensures your Professional Engineer has designed and inspected structural components on threshold buildings. A building is considered a threshold building if it is greater than three stories or 50 feet in height. A Milestone Inspection means a structural inspection of a building that is three (3) or more stories in height.



Milestone Inspections

Mandatory structural inspections for condominium buildings (milestone inspections) are now required by Florida Law Ch. 2023-203 which revises Florida Statute 553.899 (2022). Selecting a Florida Special (Threshold) Inspector to provide the milestone inspection on your condominium ensures your professional engineer has designed and inspected structural components on threshold buildings. I am a Special Inspector (S.I.) and have 30 years experience with commercial and residential construction, and I am a Board-Certified Diplomate in Forensic Engineering (DFE). In addition, I am a Florida Board Recognized Structural Engineer (FRSE). As a locally-owned and insured professional engineering company we can provide cost-sensitive and timely engineering services. MSD ENGINEERING specializes in performing professional forensic consultant engineering services and providing litigation-ready reports. We can perform an investigation to scientifically evaluate your property damage and provide a clear and defensible report. In addition, MSD ENGINEERING can provide professional structural engineering services; including, design and analysis (ex. structural repair, alteration, and renovation drawings); in accordance with the 2023 Florida Building Code (8th Edition).