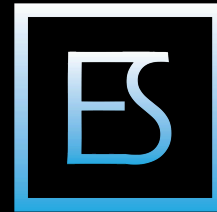


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ENGINEERING SOLUTIONS



## Project Spotlight:

### **Palm Beach, FL – High-End Residential Renovation**

We are proud to showcase this stunning high-end residential renovation project in Palm Beach, Florida.

As a part of the renovation, ES was brought in to provide structural engineering services and construction documents for the renovation of the existing property.

The scope of services consists of an in-depth analysis of the existing system to renovate the existing property into a new luxurious high-end modern residence per the proposed architectural program. This renovation will be designed to withstand the loading criteria per the Florida Building Code 8th Edition (2023).

## Our Latest Projects:

- **Water's Edge Condominium** – Structural Recertification
- **North Ocean Blvd, Gulf Stream** – Roof Investigation
- **Regatta Drive, Jupiter** – Structural Assessment
- **The Plaza of the Palm Beaches** – Residential Remodel
- **West 10th St, Riviera Beach** – Commercial Renovation & Expansion
- **NW 37th Place, Sunrise** – Fire Assessment
- **Leeward Way, Palm Beach Gardens** – Residential Renovation



## Moisture Matters: How Humidity Can Affect Buildings & Structures

Humidity is an often overlooked environmental factor that can affect a building or structure over time by impacting building materials such as wood, concrete, and steel. Elevated moisture levels can accelerate the corrosion of metal reinforcements, weaken concrete, and promote wood rot, all of which compromise its structural integrity.

A structural engineering firm like Engineering Solutions can help mitigate these risks through thorough periodic investigations and assessments, material selection, moisture barrier design, and strategic ventilation systems. By integrating these measures into construction projects or remodels, you can ensure buildings withstand environmental humidity variations while maintaining long-term durability and safety standards. Contact us anytime for a free consultation!

## News & Resources:

### Partial Building Collapse in Little Havana – Miami

Hurricane Debby brought high winds and heavy rainfall to South Florida, contributing to the partial collapse of a abandoned Miami-Dade Schools property in early August. Additional causes of the collapse were cited as termite damage and neglect of the property.

Although the building was unoccupied, the collapse highlights the critical importance of regular inspections by structural engineers. Such incidents often result from underlying issues that may not be immediately visible, such as structural weaknesses or deterioration over time. Regular inspections by qualified engineers can identify these problems early, allowing for timely maintenance and repairs. This proactive approach helps prevent catastrophic failures, ensuring the safety of occupants and preserving the integrity of the building.

In essence, consistent evaluations by structural professionals are vital to maintaining building safety and preventing potentially tragic accidents.

*News Source: NBC6 South Florida*

## Engineering Solutions is still hiring for a Senior PE!

As Engineering Solutions continues to grow we are constantly seeking out new talent to add to our amazing team. Currently, we are looking to add a Senior Engineer to our team.

**Job Title:** Senior Structural Professional Engineer

**Job Location:** Based in West Palm Beach, Florida

**Requirements:** 5+ years of recent Residential/Commercial Design Experience & Active PE License

**Job Type:** Full-Time

**Pay:** Salary (based on experience) + Benefits including 401(k), insurance, bonuses, etc.

**Work Location:** Hybrid remote in West Palm Beach, FL

All interested applicants are welcome to send their Resume/ CV directly to

**accounting@ES-Engineers.com** or view the full position description and benefits and apply on **LinkedIn**. We look forward to hearing from you!