

# Project Profile

## Elevating Residential Roofing: GAF TPO Protects the Lake Sheen Estate Showcase Home

### About Lake Sheen Estate

Located in Central Florida's Doctor Phillips area, the Lake Sheen Showcase Home is a modern, energy-efficient estate designed to reflect Florida's coastal beauty. With features like a second-floor pool cascading into a 13-foot waterfall, expansive 12-foot-wide windows, and a contemporary interior by CRT Studio, the home seamlessly blends luxury and sustainability.

Built to Florida Green Building Coalition (FGBC) standards, the residence prioritizes:

- Energy performance – Exceeding code and reducing energy costs
- Water conservation – Efficient usage inside and outside the home
- Disaster resilience – Withstanding Florida's extreme weather
- Sustainable materials – Resource-efficient and locally sourced products



### Project Summary

- Roofing System: EverGuard® 60-mil TPO
- Key Features: Durability, solar reflectivity, and disaster resistance
- Scale: 7,461-square-foot, three-story home

### Job Details

- Location: Orlando, FL
- Roof Size: 75 Squares
- Completion Date: March 2023
- System Type: TPO
- Building Type: Single-Family Residential



We protect what matters most™



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### Challenges

As flat roofs gained popularity in Florida residential construction, Hardwick General Contracting sought a roofing system that combined durability, energy efficiency, and storm resistance. The roof needed to align with FGBC sustainability goals while offering long-term performance in Florida's harsh climate.

### Solution:

To meet these needs, Collis Roofing installed EverGuard® 60-mil TPO, a system known for its high solar reflectivity and proven commercial performance. The installation included:

- A roof deck of spray foam insulation topped with engineered wood panel featuring a factory weather resistive barrier (WRB)
- A layer of six-ounce Polymat over OSB sheathing
- Mechanically fastened TPO membrane with GAF vent boots, T-joint patches, and accessories for complete protection

By utilizing commercial-grade TPO in a residential setting, the project achieved a durable, energy-efficient roofing solution that enhances the home's long-term sustainability.

### About the Contractor:

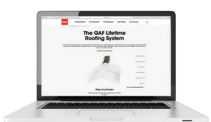
A family-owned and locally operated company, Collis Roofing, a GAF CoatingsPro and GAF PlatinumElite™ Contractor, has been serving Florida communities for over 25 years, specializing in residential and commercial roofing solutions.



"Prefabricated accessories, including inside/outside corners and pipe boots, made for a smooth and fast installation. That roof went on extremely fast, and I think a lot of those prefab materials really helped with that...They helped not only in speed, but in the appearance as well. The house has huge, fixed windows that look out to the lake—but, as you're getting to the lake, you can see a significant portion of the roof. So, with these prefabricated pieces, it's looking very clean and professional looking."

**Greg Hardwick**

Owner, Hardwick General Contracting



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