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Force of nature

Not only is this grand new residence built right amongst mature oaks, it also boasts several integral wellness and sustainability strategies

Designed by Strang Design

From the architects:

This project by award-winning Florida firm Strang Design encompasses architecture, interior design, decorating, and landscape – and a deep commitment to sustainable design.

The 754m² residence, sited along the Tarpon Bend Canal front in Fort Lauderdale, Florida reflects the firm's adherence to a design philosophy it dubs Environmental Modernism and showcases numerous sustainable design moves.

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Strang Design's scope included everything from designing and overseeing all aspects of the home's architecture, to interior design and decor, art advisory, and landscape design.

To honour the surrounding terrain, Strang Design designed the home around existing oak trees, which makes it feel both timeless and at one with nature.

Furthermore, the team was specifically tasked with expanding the house within the grove of trees, while embracing sustainable design features and innovative wellness technologies – all of utmost importance to the homeowners.

The design underscores the firm's ongoing explorations of regional modernism by adapting a rectilinear frame with site-specific and climate-specific considerations.

In this case, vertical fins that address shading and privacy concerns were incorporated within the rectilinear frame.

The team utilised a passive design approach to help reduce the home's energy footprint, while also incorporating engineered systems focused on wellness.

Various design moves include cross ventilation, deep overhangs, and a solar panel array on the roof.

In addition, the home's lighting design works in response to circadian rhythms with the option to be programmed, while a mechanical water system treats and enhances the quality of the local water supply.

Designed by: Strang Design

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Photography by: Kris Tamburello Photography; Calder Wilson Photography

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