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GRAYTON BEACH RESIDENCE

Curved roof tops Florida beachfront home with all-metal exterior

With a curved roof located only a stone's throw from the Gulf of Mexico, the new 4,500-sq.-ft. residence in Grayton Beach, Fla., is a "gorgeous addition to the neighborhood," said roofing contractor Jamie Carter, president of Cartercraft Roofing, Santa Rosa Beach, Fla. General contractor Ray Jackson of Ray Jackson Construction agrees. "It's better than beachfront property," he said, referencing the state park with its rolling sand dunes and natural vegetation the three-story home faces.

Jackson's company, also located in Santa Rosa Beach, specializes in high-end, custom residences. "We actually moved the owners' existing house that was on the site. Then we demo'd the slab, put in a new foundation and built up from there. The only thing we retained was the swimming pool," Jackson said.

A metal standing seam roof was an integral part of the design for the new house, which was designed by T.S. Adams Studio Architects in Santa Rosa Beach and Atlanta. Approximately 3,600 sq. ft. of Petersen's PAC-150 aluminum roof panels played a key role in the design. A combination of sloped and radius roofs highlight the residence and present a highly contemporary look. The 18-in. wide .032 aluminum panels were finished in Weathered Zinc. "Aluminum is the only way to go in this harsh coastal environment," Jackson noted. "Steel and even galvanized simply won't last for any length of time."

The PAC-CLAD panels were fabricated at Petersen's plant in Acworth, Ga. "Once we got the framing up and our radiuses where we wanted them, Cartercraft came out and did all of the measurements," Jackson said. "Jamie Carter was very confident that Petersen could do the barrel vault panels. And Petersen did a great job. I would recommend them to anybody."

The 37-ft. PAC 150 panels meet Florida Product Approval criteria for 140 MPH wind uplift.

In addition to the PAC-150 profile, approximately 2,900 sq. ft. of aluminum Flush Panels were installed as vertical siding to accent and complement the metal roof. The PAC-CLAD Flush Panels were finished in Champagne and also meet Florida Product Approval.

The owners of the residence visited Petersen's facility in Acworth to review panel profiles and to make color selections. "Petersen is our 'go to' supplier for all of our standing seam jobs," Carter said. "The products are top quality and Petersen's technical support is outstanding."

Petersen manufactures PAC-CLAD metal cladding products in multiple gauges of steel and aluminum. PAC-CLAD products include standing-seam roof panels, hidden- and exposed-fastener wall panels, flush panels, soffit panels, perforated metal, fascia and coping systems, composite panels, column covers, coil and flat sheet. All are available in full 70% PVDF finish (Kynar) in 46 standard colors that include a 30-year finish warranty. Most colors meet LEED, Energy Star and Cool Roof Rating Council certification requirements. Founded in 1965, Petersen's facilities are located in Illinois, Georgia, Texas, Maryland, Minnesota and Arizona.

For information on the complete line of Petersen metal products call 800-PAC-CLAD, visit pac-clad.com or write to info@pac-clad.com.

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