



FSU COLLEGE OF MEDICINE

Designers of the new College of Medicine building at Florida State University in Tallahassee used a giant Petersen mansard metal roof to provide both form and function for the facility. Surrounding campus buildings were characterized by steeply pitched clay tiles roofs or flat roofs with highly ornamented parapets.

More than 32,000 sq. ft. of unpainted 16 oz. copper Snap-Clad metal roofing panels and 10,000 sq. ft. of copper flat stock was used to meet the design objectives created by HOK Tampa in collaboration with Elliott Marshall Innes Architecture, Tallahassee.

According to HOK's Foard Merriwether, AIA, "The goal was to design a timeless building consistent with the best of campus style yet distinct for the College of Medicine."

The resulting three-story masonry structure topped with a 15 on 12 sloped mansard metal roof definitely presented installations challenges for roofing contractor Andrew Nelson of Belmac Roofing Company, Inc., Santa Rosa Beach, FL. "It was 30' to the peak and we were working with 40' panels with very little area to stage the crates," Nelson said. "The mansard panels were set on concrete piers on the roof deck and were designed to hide huge chillers and other mechanical equipment. The clearance between the eave and the flat roof was about 2' or less. So if you were inside the roof with the mechanical equipment, you couldn't get to the outside without going up and out the gap at the top. It was definitely a challenging situation."

The general contractor on the project was Centex Construction, Tallahassee.

Petersen, a Carlisle company, manufactures PAC-CLAD architectural metal cladding systems in multiple gauges of steel and aluminum. PAC-CLAD products include hidden- and exposed-fastener wall panels, standing seam roof panels, flush- and reveal-joint wall panels, vented or solid soffit panels, perforated metal, coil and flat sheet, composite panels, column covers, plus fascia and coping. All are available in a Kynar-based 70% PVDF Fluoropon coating in 46 standard colors and 16 wood grain finishes that include a 30-year finish warranty. Most colors meet LEED requirements and are rated by the Cool Roof Rating Council. Custom colors and weathertightness warranties are offered. BIM and CAD documents are available for most products. Founded in 1965, Petersen's facilities are located in Illinois, Georgia, Texas, Maryland, Arizona and Washington. For information on the complete line of Petersen's PAC-CLAD metal products call 800-PAC-CLAD, visit pac-clad.com or write to info@pac-clad.com.

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Editorial contact:

Rob Heselbarth

847-981-4707

rheselbarth@petersenmail.com