



PINE REST POSTMA CENTER

A dilapidated 1960's era gymnasium was masterfully transformed into a modern and inspirational worship and education center at Pine Rest Christian Mental Health Services' facility in Cutlerville, MI. The new 15,500 sq. ft. Postma Center has become the centerpiece of the 220-acre campus.

While a significant portion of the existing structure was re-used, only a shadow of the former image remains. The exterior is highlighted with an undulating wall clad with 5,000 sq. ft. of custom flat lock wall panels using Revere's EverGreen pre-patinated copper supplied by Petersen Aluminum. Vertical colored glass windows are inset in the radius wall at varying heights. Above and below each window opening are PAC Composite Panels finished in Classic Bronze and Platinum. Approximately 1,800 sq. ft. of composite material was utilized. The composite panels were fabricated by Petersen and installed by Buist Sheet Metal Company, Grand Rapids, MI.

Fabrication and installation of the custom copper flat lock panels was done by Buist Sheet Metal Company. Buist also installed standing seam roof panels fabricated from .032" PAC-CLAD coil finished in Dark Bronze. In addition, Buist installed extensive fascia using Petersen's PAC-3000 CS composite wall panel system.

"Certainly the most complicated part of the job was the custom wall panels," said Don Buist. "The architect wanted to maintain a consistent 58" joint width across the wall including the 24 vertical window openings. That meant we had panels ranging from the full 58" to as small 2 or 3" in order to keep the consistent joint locations. The design really required careful layout."

Buist also custom fit 190' of curved EverGreen coping to cap the radius wall. The top of the coping was hand cut in 5' lengths to fit the curve. Separate face pieces were then soldered to the front and back of the coping while maintaining the curve.

Design for the project was provided by Integrated Architecture, Grand Rapids. The general contractor was Pioneer Construction, Grand Rapids.

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