FOR IMMEDIATE RELEASE




INTERNATIONAL MAGNET SCHOOL

The new International Magnet School for Global Citizenship has opened in South Windsor, Conn., with the mission of creating a better world through education. As part of the Capitol Region Education Council, the school will foster the education and development of 530 students from pre-K through fifth grade. CREC is a non-profit, regional educational organization serving 35 public school districts in the greater Hartford, Conn., area.

Perkins Eastman in Stamford, Conn., designed the school to emphasize and integrate the International Baccalaureate curriculum throughout, according to project architect Joseph Culotta. The International Baccalaureate is a highly respected foundation offering four programs of international education that develop the intellectual, personal, emotional and social skills needed to live, learn and work in a rapidly globalizing world.

The 65,000 sq. ft. facility is located in a suburban area with nearby pockets of rural countryside. After reviewing a series of design options, the design team settled on a prevailing theme that would create a “village” type of configuration. “We broke down the massing with four structures that are connected together at the school’s media center which serves as the hub of the design,” Culotta said.

The three-story, circular media center is roofed with Petersen Aluminum’s 16-in. Snap-Clad metal panels that were segmented to create the radius. In addition to the media center, the pitched roofs on the four adjoining structures also use Snap-Clad panels. More than 22,000 sq. ft. of Snap-Clad .040 aluminum panels finished in Hartford Green and Dark Bronze were installed.

Metal was determined to be the roofing material of choice fairly early in the process, Culotta said. “There are a lot of barns in the area and many of them have metal standing seam roofs and zoning requirements stipulated that any portion of the building that faced a major street must have a pitched roof. There are

12/12 pitches everywhere. So we opted to reference the local area with metal in two colors that complemented the brick and CMU façade," he said.

Culotta noted the only design challenges were reconciling the pitched roof and the size of the school, and detailing where the pitched roof came into the flat roof portions of the building.

Installation of the PAC-CLAD material was done by The Imperial Co., Cromwell, Conn., which has considerable experience with Petersen and uses Snap-Clad most of the time, according to Bruce Raulukaitis, president. "The job went very well. We used 30-ft. panels and it was relatively straight-forward overall, although the segmented panels took a little time. We had to tie into some valleys that were somewhat difficult. But we worked out all of the details with the construction manager and the architect and it all came together for a great looking job."

Architect Joseph Culotta reports that "everybody loves it. We even get lots of positive feedback directly from the students about how much they like going to school there."

The school principal, Cindy Rigling, said, "The CREC International Magnet School community is passionate, collaborative and one hundred percent committed to the success of our students. The move into our new home means that we will be able to offer our teachers and students the very best resources and learning tools."

The construction manager on the project was Cutter Enterprises, Vernon, Conn.

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 Fluropon 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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