Noel Musial Jr., principal at The Musial Group, says his firm specified 41,200 square feet of CPI Daylighting Inc.'s double-panel Quadwall system for the USS Juneau Memorial Center for its spanning capabilities and high R-value. "The Quadwall system, in concert with a metal panel system, afforded us the ability to provide an energy-efficient building skin while expressing the historic structure," he says.

The project converted a World War II U.S. Navy destroyer production facility into an operable emergency command center for the State of New Jersey's Hudson County. The Quadwall wall panels were specified in clear matte over clear matte, and clad all four sides of the building and the garage doors. The integrated translucent panels and vision glass creates a seamless, flush look throughout.

"The new building skin, of which the Quadwall was a major component, implemented a consistent and straightforward approach that highlighted the existing structure while protecting it with an easy-to-maintain material," Musial says. "Using the Quadwall for the entirety of the garage doors provided continuity of the building envelope and a monolithic reading of the building's materiality."

The project also utilized Kingspan Insulated Panels Inc.'s 3-inch-thick, 36-inch-wide Mini-Micro-Rib insulated metal panels with 22-gauge exterior and interior faces in Regal White on 16,452 square feet of exterior walls and for 11,915 square feet of interior partitions.

The geothermal heating and cooling, energy recovery and Quadwall panels are sustainable strategies intended to contribute to LEED Silver certification for the center. The USS Juneau Memorial Center, located on a peninsula between the Passaic and Hackensack rivers, was renamed for a Navy cruiser built there. The 80,000-square-foot warehouse incurred severe water damage on its exterior terra cotta tile and it was dormant for decades.

Owner: New Jersey Office of Emergency Management, Trenton, N.J.

Metal wall panels: Kingspan Insulated Panels Inc., Deland, Fla., www.kingspanpanels.us

Translucent daylighting system: CPI Daylighting Inc., Lake Forest, Ill., www.cpidaylighting.com