



Project Overview

Project:

Chalmette High School

Location:

Chalmette, LA

Architect:

Lachin Oubre Architects

General Contractor

Core Construction Services, LLC

Product:

Pentaglas®

Sq.-Ft.

5,760 sq. ft.

Chalmette High School

Pentaglas® Panels Offer Shelter for a Newly Refurbished Chalmette High School Gathering Space Following Hurricane Katrina

In the immediate aftermath of Hurricane Katrina, Chalmette High School, located just south of New Orleans in Louisiana, was a literal lifeboat for its community. The second floor of the school provided a refuge while the first floor flooded with eight feet of water.

Almost a decade later, the 221,000 sq. ft. high school has been renovated and extended to accommodate its 1,200 students. The refurbishment included 5,760 sq. ft. of CPI Daylighting's translucent canopies to provide shelter

over a courtyard between the original and new buildings.

"One of the reasons we chose the CPI Daylighting canopy was the durability of its Pentaglas® panels. It has the ability to be put up in a hurricane zone and has the wind and impact resistance we're looking for," said Fred Allison, a Project Architect for Lachin Oubre Architects in New Orleans. "The color range the panels came in was also important. We're using a certain palette of colors and this blended well."

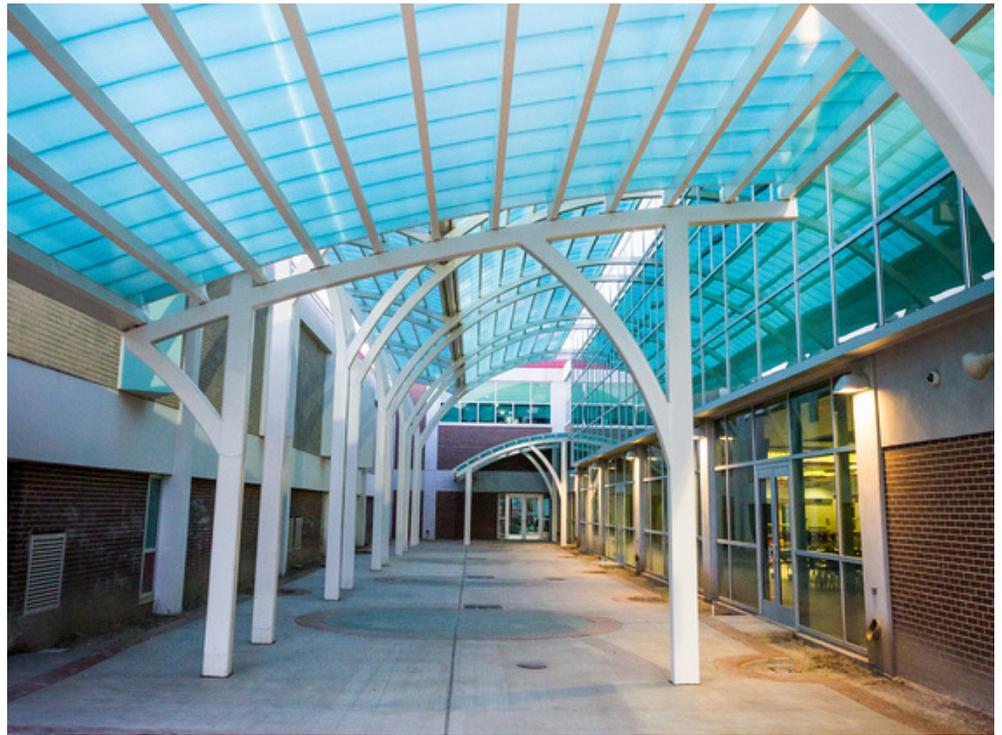
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Project Architect
Lachin Oubre Architects



CPI Daylighting provided Chalmette High School with translucent canopies featuring a green 16mm Pentaglas glazing that meets the stringent Miami-Dade County code for wind uplift. The Pentaglas also features CPI's Nano-Cell® technology, which diffuses natural daylight into the space below. It was not only designed to connect the two buildings of different heights, but also to reflect the school's mascot, the Owl. The unique curved shape of the structure was built with two sweeps to embody an Owl with open wings.

“We wanted a system that covered you from the elements and could

accommodate a large number of people at a time as well as something that would be attractive – a landmark for the school. And that's what we got,” said Albert Carey Jr., an Architect and Construction Manager at the St. Bernard Parish School Board.

The canopy shelters a central circulation space for students and faculty, as well as a gathering space to accommodate cafeteria overflow, outdoor jazz concerts, and other school events. “The students got back the courtyard they lost in Katrina,” said Carey. “Only now it's much better because it's much more usable to them.”