The Coquille Sports Complex in Covington, Louisiana wins a double header every day through its 3,460 sq. ft. translucent wall, featuring CPI Daylighting’s UniQuad® system. It reduces solar heat gain, provides insulation, and meets the daylighting needs of its indoor gym, while adding additional glow to the outdoor fields at night.

“We were looking for a reasonable cost daylighting product that would allow natural light into the gym without tremendous heat loading,” said Glenn A. Tregre, an architect at Holly & Smith Architects based in Hammond, Louisiana. “CPI’s UniQuad was the perfect fit at a reasonable cost – no more than a storefront.”

The UniQuad system is an assembly of two independent translucent insulated panels, resulting in one integrated and high-performance daylighting system. It is the only system that can provide indefinite building envelope protection with its
On a clear day, the wall light gives the inside of the gym enough lighting to play basketball or volleyball without using our ceiling lights. The wall light gives the outside and inside of our gym a great aesthetic look. We have received many compliments on this unique feature.

— Bill Trepanyal
Facilities Director
Coquille Parks and Recreation

Removable Skin Technology feature. The panels are scalable and can be configured with various features while maintaining its integrity, including: additional insulation, sound reduction, dynamic shading, additional structural performance, and even military forced entry resistance. The system is joined by a mechanically interlocking connection, and eliminates the need for vulnerable adhesives. This adds durability as well as even light distribution with the system’s patented tight-cell technology.

“The UniQuad system has performed very well since installed, both thermally and in wind load, light transmission, impact resistance, and water intrusion. These characteristics were important from an energy consumption standpoint as well as durability,” said Tregre. “The building has been through several tropical storms since its installation with no water intrusion whatsoever.”

The Coquille system was specified in clear matte glazing to achieve the desired daylighting goals and its iconic look. The park district’s logo and shadows of athletes were an addition to reflect the spirit of the children who play at the sport center as well as the families who volunteer there.

“The wall light is very attractive and provides light, and displays silhouettes of players in action,” said Coquille Parks and Recreation Facilities Director Bill Trepanyal. “On a clear day, the wall light gives the inside of the gym enough lighting to play basketball or volleyball without using our ceiling lights. The wall light gives the outside and inside of our gym a great aesthetic look. We have received many compliments on this unique feature.”