

LIBERTY MATCHES BUDGET, NEEDS FOR AFTER SCHOOL JUDO ACADEMY

After School Judo Academy of Olathe, Kan. looked at several pre-existing buildings to house its after-school program and summer day camp, but nothing fit the bill in terms of space and amenities needed. After approaching Strickland Construction Co., also of Olathe, the decision was made, and Liberty Building Systems™ was commissioned to provide an accommodating metal building for the ASJA.

“We needed a stand-alone building with as much space as possible for a good price,” said Rob Hinchsliff, owner and instructor. “Choosing a metal building was the most economical solution for us and gave us the ability to design things the way we wanted.”

To facilitate much of the judo and self-defense instruction, a 1000-square-foot spring-loaded mat was installed in the center of the building. In addition to a space for conducting judo exercises, the spacious 3,665-square-foot metal building includes a room for children to complete homework and receive tutoring, a craft room, a multimedia room, boys' and girls' locker rooms, and office/kitchen space.

Liberty's 26-gauge LibertyRib® Galvalume® roof was specified for its structural strength. Three translucent panels shaped in the same fashion as Liberty's corrugated roof product were applied to allow natural daylight into the facility for an attractive, energy-efficient solution.



The roof features 26-gauge Galvalume® LibertyRib® panels and three translucent light panels that allow natural day light into the building.

“Our kids are on the mat at least one hour a day in the after-school program and up to three hours a day during summer camps,” Hinchsliff said. “The light panels are directly above the mat area and provide great natural lighting during exercises.”

The building has a roof pitch of ½:12 and clearspan framing provides primary structural support.



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After School Judo Academy, Olathe, Kansas

In addition to facilitating the concrete work, carpeting and erecting the metal building, Strickland Construction field applied the 26-gauge LibertyRib wall panels with EIFS (Exterior Insulation Finish System) and provided cultured stone accents on the columns of the structure for an aesthetically pleasing look. Furthermore, windows were designed and installed reaching all the way to the ceiling to produce lower utility costs and to increase the building's energy efficiency. Architectural sun shades on the building's exterior limit the sun's glare and heat, while allowing natural light to come through the windows.

“After operating in the humid summer, I was surprised how energy-efficient our building really is,” Hinchsliff said. “It was originally a concern for me, but not anymore. Our building is cool and our utility bills aren't through the roof.”

Hernly & Associates, based in Lawrence, Kan., served as the lead architects for the project and construction was completed in a few short months.

“It was neat to witness the entire process – from the components being delivered on semi trucks to the frame being constructed and the entire building coming to life,” Hinchsliff said. “Liberty delivered on-site, and everything went relatively quickly.”

Liberty Building Systems, a division of BlueScope Buildings North America, Inc., engineers and supplies quality, economically priced metal building solutions for agricultural, commercial, industrial and self-storage applications. With sales and engineering offices in Memphis, Tenn. and the use of multiple manufacturing facilities located throughout the United States, Liberty provides metal buildings nationwide through multiple distribution channels. For more information, visit www.LibertyBuildings.com.

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