

Robert Crown Community Center Expansion

Evanston, Illinois

Commercial

Owner:

Evanston Park District

Engineer:

City of Evanston

Contractor:

Bulley & Andrews

Revcon Construction

Installation:

October 2018



Robert Crown Community Center offers recreational activities and programs to the community of Evanston, Illinois, including hockey and ice-skating programs as well as sports fields for soccer and baseball and other outdoor activities.

A new recreation center was planned for the expansion of the community center. As part of this enhancement, caissons were needed for the foundations for a new ice rink, library and community center.

The general contractor for the project, Bulley & Andrews, contracted the work through Revcon Construction. Revcon reached out to Contech Engineered Solutions to identify the ideal solution for the caissons needed to act as the stabilizing foundations for the new buildings.

Contech suggested HEL-COR® corrugated steel pipe (CSP) as a cost-effective and structural solution. They manufactured 2,000 LF of both 30-inch and 42-inch diameters HEL-COR® CSP used in this vertical application.

The pipe was nested and then bundled, making the freight more efficient as well. Once delivered, the HEL-COR was vertically installed and then filled with concrete to create a durable, stable foundation solution. There were a total of 146 of caissons installed.

Technical Description:

- Product: HEL-COR® CSP
- Diameter(s): 30-inch and 42-inch
- Length: 2,000 LF

