PROJECT:
Christ Hospital Joint and Spine
Cincinnati, OH

OWNER:
The Christ Hospital

ARCHITECT:
SOM

CONSTRUCTION MANAGER:
Messer Construction

Christ Hospital is one of the premier healthcare networks in the Cincinnati area. In 2012, they planned to expand their main campus by developing a $265 million facility solely for to orthopaedic and spine care. To support their sophisticated approach to patient care and technologically advanced environment, they needed high-end finishes, custom designs, and certainty that their deadline would be met. Messer Construction selected Pivotek to meet both quality and schedule requirements. During the planning phase, Pivotek found integrating the POD in isolation rooms would require a change to the slab thickness, a critical component. The standard solution—removing that portion of concrete—would have compromised the performance of the isolated slab. But Pivotek isn't limited by standard solutions. They think beyond the box.

To make up for the three inches, Pivotek removed from the concrete slab and to increase its density and performance, a one-inch steel plate was added to bottom of the POD. After seeing Pivotek's mock-up, the clients realized that the architect's vision could be fulfilled precisely as intended—reinforcing their decision to choose a construction manufacturer rather than traditional stick-built construction. In fact, Pivotek met the architect's tolerances and standards so well, they awarded Pivotek an additional 30 PODs. Now, 90 PODs in three different configurations are being crafted, with manufacturing due to be completed in the summer of 2015.

Because Pivotek was engaged early in the planning process, details included in the bid packages were provided. This eliminated uncertainty and scope gaps for everyone, leading to better pricing for subcontractors and of the PODs. Although the design was compromised initially, Pivotek was able to develop an elegant solution, driven by their commitment to find innovative solutions that showcase quality and integrity