



Customer focused. Built on values.

Case Study

Location: Milwaukee, WI

Industry: Healthcare

Scope: BIM, Medical Gas, Plumbing

Contract Amount: \$5 MN



Children's Hospital of WI, West Bed Tower

When Children's Hospital of Wisconsin built a new 12-story tower to meet patient growth, the project's construction manager asked Grunau to manage the plumbing installation for this expansion. Because Children's is a level one trauma center, Grunau's work included installation of the medical gas and oxygen lines, as well as water lines and plumbing fixtures. Over 2,400 medical gas connections were made in the 96 patient rooms and 72 intensive care units.

The upgraded oxygen system connected into the hospital's existing oxygen so Grunau used extensive pre-task planning, Lean Construction ingenuities, and BIM coordination to help make this project efficient. Laying out the plumbing systems with 3D modeling avoided collisions with other mechanical and structural components, kept everyone communicating on the same page, and saved time in the long run.

The project was skillfully executed on an aggressive schedule and helped build a successful working relationship with the Children's Hospital of Wisconsin.

Building SqFt: 425,000

Owner: Children's Hospital of Wisconsin

Owner's Rep: Nick Stromer

General Contractor: Boldt Construction

Architect:

Shepley Bulfinch Richardson and Abbott

Engineer: Ring and DuChateau

Delivery Method: Design Assist

Contract Type: Guaranteed Maximum Price

Website: www.grunau.com

