



**CLIENT**

BJC Health Systems  
Christian Hospital Northeast

**BUILDING TYPE**

Hospital - Surgery

**PROJECT SIZE**

Total Project	\$10 million
Murphy Component	\$3.0 million

**CONTRACT TYPE**

GMP

**PROJECT DURATION**

12 months

**MURPHY TEAM**

Sr. Project Manager	Mike Marre
Lead Engineer	Ron Spurr
Piping Foreman	Stan Zoellner
Sheetmetal Foreman	John Brunnert
Plumbing Foreman	Gary Healy

**MURPHY COMPANY SCOPE OF WORK**

Engineering  
HVAC & Med Gas and Plumbing  
Shell & Core  
Tenant Finish  
Coordination Drawings

**PROJECT TEAM**

Architects	Christner
Engineer	Murphy Co.
General Contractor	McGrath

**DETAILS**

- Conversion of a one-story parking garage into a 170,000 sf surgery center
- The project included 10 surgery suites and a mechanical room
- Installed Allied Healthcare Articulating Arms
- All utilities tied into existing operating hospital

**PROJECT HIGHLIGHTS**

**DESIGN AND COORDINATION**

This project involved converting an existing one story parking garage into 10 new surgery suites. Murphy had responsibility for design of the mechanical systems and coordination for all trades. This was particularly challenging given that the structure only had 11 feet clearance between floor and ceiling. This left minimal space for all of the new systems. Murphy met regularly with the electrical contractor and other trades to update drawings and keep the construction process moving forward.

Scheduled to achieve the tie-ins. Murphy worked very closely with the General Contractors and the Hospital Staff to make this process invisible to the doctors and patients.

**TEAM APPROACH & SCHEDULING**

The design for the surgery center called for all of the medical gas systems to tie into the existing building. Several shut downs of this fully operational hospital had to be