

SWEDISH COVENANT HOSPITAL

CHICAGO, ILLINOIS, UNITED STATES

PROJECT

TYPE OF FACILITY:

Hospital

VICTAULIC SOLUTIONS:

Compressed Schedule

Labor Time Savings

Safety

Space Constraints

OWNER:

Swedish Covenant Hospital

CONTRACTOR:

YMI Mechanical Inc.

ENGINEER/CONSULTANT:

Henneman Engineering

COMPLETED DATE:

December 2017



Founded in 1886 as an independent, nonprofit teaching hospital, Swedish Covenant Hospital is located on the north side of Chicago, Illinois. It has 323 beds, 580 physicians, and 2,500 employees.

In December 2017, the hospital's emergency department underwent renovations, which included an update to the facility's steam piping system. Due to new steam hot water heaters, the contractor needed to increase the size of the steam lines. However, the pipe lines were underground in a tight hallway, close to medical gas lines and electrical conduit, and having an open weld flame in an occupied hospital would have been a major risk. Thankfully, Victaulic's Style 870 high performance rigid couplings and OGS-200 grooved end fittings provided a mechanical pipe joining solution that was safe and easy to install in a confined space without the need for an open flame.

The hospital remained open during renovations, which meant construction needed to be completed quickly and without interrupting the patients. Victaulic grooved pipe joining technology which allowed the contractor to meet the demands of this compressed construction schedule by shortening installation time and increasing labor savings.

As an added value to the hospital, Victaulic performed a formal inspection of the couplings to ensure proper installation. Upon successful completion of the inspection, an additional installation warranty was provided by Victaulic.

SPECIFICATIONS

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Steam	Sched. 40 Carbon Steel	3"/DN80