



London Health



PROJECT DETAILS

LOCATION:
ONTARIO – GREATER
TORONTO

MARKET SECTOR:
HEALTHCARE

DELIVERY METHOD:
P3

London, Ontario is undertaking an initiative to establish an integrated health care system in the city. A new specialized mental health care facility, London Health, is one of the region's cornerstones of specialized mental health care.

We provided all mechanical services for this new building, which is an addition to the existing St. Joseph's Hospital. Our services included plumbing, heating, cooling, sheet metal fabrication, and building controls.

The project included two often competing requirements: stringent acoustic specifications (which are typically met by suspending systems) and seismic restraints (which typically require attachment to the building structure). We worked closely with an acoustic consultant to meet these demands.

The building includes three discrete treatment areas, each with its own level of security. We built discrete air handling systems for each area, and designed a commissioning plan to match.

To fulfill the facility's anti-ligature requirements, we coordinated with the architects on the design of piping and fixtures; sourced and in some cases designed special plumbing fixtures and other system elements to ensure that they were non-loopable.

The new building, like the existing structures, is powered by district steam. We coordinated with other parties to build a new steam station for the mental health wing.