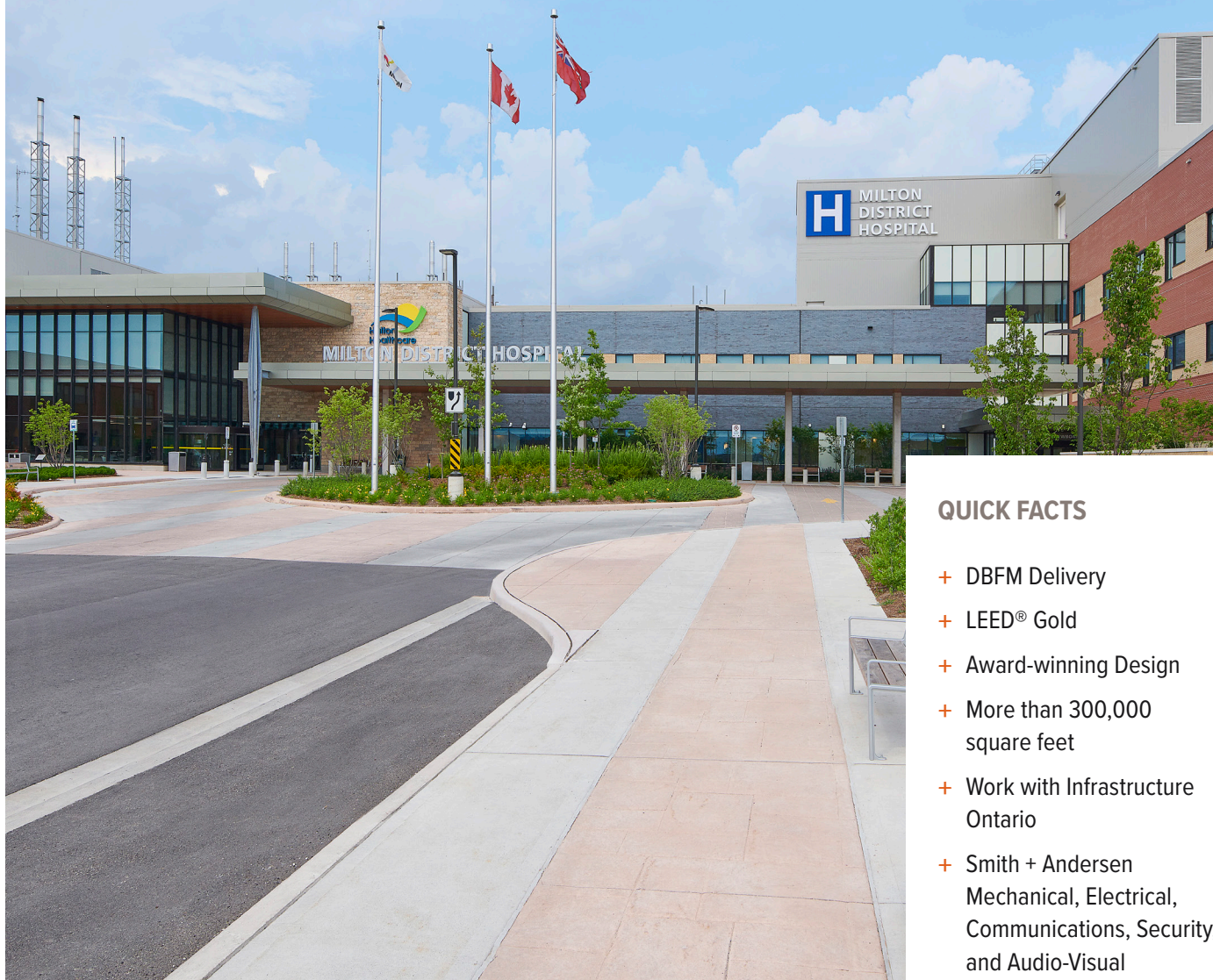




MILTON DISTRICT HOSPITAL EXPANSION

MILTON, ON



QUICK FACTS

- + DBFM Delivery
- + LEED® Gold
- + Award-winning Design
- + More than 300,000 square feet
- + Work with Infrastructure Ontario
- + Smith + Andersen Mechanical, Electrical, Communications, Security, and Audio-Visual
- + Sustainability Services (Footprint)





MILTON DISTRICT HOSPITAL EXPANSION

ABOUT THIS PROJECT

- + Construction of a diagnostic, therapeutic, and inpatient building (interfaces with the existing Milton District Hospital building via a service tunnel and walkway).
- + Includes approximately 66 additional inpatient beds, as well as: emergency, security and surgical services, inpatient medical / surgical units, critical care, maternal newborn, and new diagnostic imaging services including the hospital's first MRI machine.
- + Renovated the existing hospital to accommodate the service tunnel and walkway (required the design and construction team to work closely with the clinical staff and facility managers to achieve minimal disruption to the existing hospital operation).
- + Mechanical systems include a condensing dual fuel boiler plant, high efficiency chilled water plant (with air and water side energy recovery), and low-flow plumbing fixtures for reduced water consumption.
- + Arranged the plant to provide N+1 redundancy to meet the peak building load with the largest piece of equipment out of service.
- + To minimize the risk of interruption from the hospital's ICT infrastructure, a "mission critical" mechanical and electrical design features a highly redundant and available 2N system.

LOCATION
Milton, ON

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical, Electrical,
Communications, Security,
Audio-Visual, Sustainability
(Footprint)

KEY TEAM MEMBERS
Infrastructure Ontario
Halton Health Services
Plenary Health
B+H Architects
RTKL Architects
PCL Constructors Canada
Johnson Controls

SIZE
330,000 sq. ft. (30,658 sq. m.)

BUDGET
Confidential

COMPLETION YEAR
2017

SUSTAINABILITY
LEED® Gold

AWARDS
NAIOP's Annual Real Estate
Excellence Awards, *Green Award
of the Year* (2019)

CCPPP National Award for
Innovation and Excellence in
Public-Private Partnerships,
Silver (2018)

Ontario Builder Awards, *Award
for Category 6 Buildings* (2019)

HOT BUTTONS

INPATIENT ROOMS

BAS DESIGN

BIM (REVIT)

DBFM / P3 / AFP

HEALTHCARE

SUSTAINABLE

CM DELIVERY

LEED

