



HUMBER RIVER HOSPITAL

TORONTO, ON



QUICK FACTS

- + Healthcare Facility
- + Features Large Data Centre
- + DBFM Delivery
- + LEED® Gold Certification
- + 1.83 million square feet
- + \$1.2-billion Budget
- + Work with Infrastructure Ontario
- + Smith + Andersen Mechanical, Electrical, Data Communications, Safety and Security





HUMBER RIVER HOSPITAL

ABOUT THIS PROJECT

- + One of Ontario's largest regional acute hospitals, serving over 850,000 residents in the northwest Greater Toronto Area.
- + First fully-digital hospital in North America.
- + Each year, its Emergency Program sees approximately 95,000 patients and the maternal newborn program delivers approximately 4,600 babies.
- + The centre includes robotic blood testing (with results ready in minutes), and the ability for patients to order food, use the phone, and control their lighting directly from their bedside terminal.
- + Seventy five percent of supplies are delivered by automation, including robotic delivery of non-narcotics.
- + Located on level zero is the building operations command centre, food court, retail shops, and the spectacular outdoor amphitheatre.
- + Levels one through 14 offer a variety of services, including a comprehensive range of acute care services and support featuring the best technology available for patient's needs.
- + Under Infrastructure Ontario's DBFM procurement, exceeded the energy efficiency requirements of the Model National Building Code (MNECB) by 49%.

LOCATION
Toronto, ON

SMITH + ANDERSEN SERVICES PROVIDED
Mechanical, Electrical, Data Communications, Safety and Security, Electrical Contract Administration

KEY TEAM MEMBERS
Infrastructure Ontario
Humber River Hospital
Plenary Health
HDR Architects
PCL Constructors Canada
Johnson Controls

SIZE
1,830,000 sq. ft.
(148,600 sq. m.)

BUDGET
\$1.2 Billion

COMPLETION YEAR
2016

SUSTAINABILITY
LEED Gold

AWARDS
Canadian Council for Public-Private Partnerships - National Awards for Innovation and Excellence - Gold (2015)

ASHRAE Society Technology Award - Category III - Health Care Facilities (2016-2017)

Engineering News-Record - Global Best Project (2016)

Toronto Construction Association Large Project Achievement-Best of the Best Award (2015)

HOT BUTTONS

HEALTH CARE FACILITY	LARGE DATA CENTRE	BAS	LABORATORIES
DBFM / P3 / AFP	INTEGRATED SYSTEMS	LEED GOLD	SECURITY DESIGN

