



NEW ST. PAUL'S HOSPITAL & HEALTH CAMPUS

VANCOUVER, BC



QUICK FACTS

- + DBFM / P3 / AFP
- + LEED® Gold (Target)
- + More than 2,000,000 square feet
- + \$1.7-Billion Budget
- + Smith + Andersen Mechanical, Electrical, and Intelligent Integrated Systems
- + Sustainability Services (Footprint)





NEW ST. PAUL'S HOSPITAL & HEALTH CAMPUS

ABOUT THIS PROJECT

- + Construction of a new 548-bed hospital and health campus at the Jim Pattison Medical Centre in Vancouver, featuring an emergency department, critical care, surgical suites, mental health and addiction, maternity, rehabilitation, and inpatient care facilities.
- + The largest hospital redevelopment project in the province's history.
- + Targeted LEED Gold.
- + Equipped with an advanced integration platform for all building systems as well as clinical workflow enhancements.
- + A "central command" or Clinical Operations Centre, with integrated systems and a wall of digital screens, helps manage flows for patients and staff.
- + The HVAC system in negative pressure 'isolation' rooms (for suspected or infected patients) can be isolated so its air intake and exhaust is separate from other areas.
- + The ventilation system in the Outbreak Control Zones can be switched to a negative pressure state to deliver an independent air supply and exhaust and prevent re-circulation to other units.
- + A real-time location system tracks tagged equipment throughout the hospital, making it easier and faster to find available equipment.
- + Integrated systems and digital screens in care team bases show the status of all patients in a unit or surgical suite to help teams deliver and coordinate care.
- + Features diverse fibre ring telecom services looping all buildings on one infrastructure.
- + Most areas, including the outpatient care centre and a number of meeting rooms, offer virtual health technology to allow patients to be treated from home.
- + The campus is designed to withstand rising temperatures, extreme weather, and seismic activity to function as a post-disaster health care and triage facility.
- + Mechanical systems are designed to suit 2050 climate conditions.
- + Features 100% emergency power back-up.

LOCATION

Vancouver, BC

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical, Electrical, Intelligent Integrated Systems, Sustainability (Footprint)

KEY TEAM MEMBERS

PCL Constructors Westcoast
HDR Architecture
Stantec Architecture
RJC Engineers
Providence Health Care
Modern Niagara
Plan Group

SIZE

More than 2,000,000 sq. ft.
(186,000 sq. m.)

BUDGET

\$1.7 Billion

COMPLETION YEAR

2026

SUSTAINABILITY

LEED® Gold (Target)

HOT BUTTONS

DBFM / P3 / AFP

HEALTHCARE

HOSPITAL

MECHANICAL DESIGN

ELECTRICAL DESIGN

INTEGRATED SYSTEMS

LEED GOLD

SUSTAINABLE DESIGN