

Representative Projects



William Osler Health Centre



Royal Ottawa Mental Health Centre



Toronto East General Hospital



Peter Munk Cardiac Centre



Northumberland Health Centre

Healthcare Projects

William Osler Health Centre, Brampton, Ontario

This new 1,250,000 square foot, full-service, acute care hospital is currently under construction on a Greenfield site. This 608-bed facility includes such key departments as emergency, diagnostic imaging, inpatient and day surgery, maternal/newborn, inpatient and outpatient mental health, physical therapy, inpatient and ambulatory cardiac care, inpatient and ambulatory oncology.

Royal Ottawa Mental Health Centre, Ottawa, Ontario

This 400,000 square foot psychiatric care, outpatient and public service facility includes dedicated wings for secure inpatient services. The facility also has a research lab component and a low-rise office tower. It is designed to exceed a C.B.I.P. level of energy efficiency.

Toronto East General Hospital, Toronto, Ontario

- Mechanical systems master plan.
- Renovation of existing SPD area and new cart wash facility.
- Renovation to provide a new Cardiac Catheter Insertion Facility.
- 4-storey addition to J Wing to accommodate 13 OR's, 2 operative delivery rooms, 19 LBRP rooms, 55 continuing care beds and all associated services.
- Wing 6th floor renovation – Urology//Endocrinology.
- B and C Wings 4th floor renovation - Child / Adolescent Mental Health.
- F Wing 3rd floor renovation - Adult and Elderly.
- F Wing 5th floor renovation - Mental Health and Complex Continuing Care.
- G Wing 7th floor renovation - Paeds / Maternal / Newborn.
- K Wing MRI / Dialysis Centre.
- Chiller Plant Study and Replacement Design
- Isolation Rooms - Infection Control Studies and Design

Toronto Hospital General Division, Toronto, Ontario

- Study of alternative sanitary sewer rerouting proposals.
- Medical Air and Vacuum Systems Study & Upgrade Design.
- Rev. to Patient Management Depart. Ground Floor Eaton Wing.
- Study to expand Eaton Wing entrance to accommodate expanded retail facilities.
- Study of possible steam driven electrical generator to replace pressure reducing station.
- Commissioning services for startup of new 2000 Ton absorption chiller plant.
- Peter Munk Cardiac Centre renovation of 20% of Gerrard Wing and parts of Urquhart, Bell and Eaton Wings to accommodate a full Cardiac Care Facility including CVOR, Angiography, Labs, CCU, ICU, variable care and isolation facilities.
- Upgrade of Max Bell Research Wing ventilation systems.
- Preliminary study and detailed design for installation of 3,000 Ton steam absorption chiller plant in the existing Eaton Wing
- Detailed design for retrofit and expansion of the existing Gerrard Wing to a full Cardiac Centre.

Northumberland Health Centre, Cobourg

Commissioning services for a new 350-bed facility including emergency, operating room, laboratory and dialysis units. The new facility contains state-of-the-art medical and diagnostic equipment.

Representative Projects



East Prince Hospital



Hospital for Sick Children



Lakeridge Health Corporation



Peel Memorial Hospital



Trillium Health Centre

Healthcare Projects

East Prince Hospital, Summerside, P.E.I.

New, 17,000 square metre full-service hospital on a Greenfield site, complete with surgical suite (3 OR's), 102 beds, ICU/CCU, diagnostic imaging, mental health, and emergency department.

Hospital for Sick Children, Toronto, Ontario

Various planning and renovation studies:

- Heliport fume study.
- Study for the conversion of a 3,000 Ton CFC refrigerant centrifugal chiller plant to steam absorption.
- Play park.

Lakeridge Health Corporation, Oshawa, Ontario

Commissioning of the mechanical and electrical systems associated with the following construction projects:

- Durham Regional Cancer Centre
- New Central Utility Plant
- North Wing Infill
- Southeast Tower Fitup
- South Infill
- A and G Wing Renovations

St. Michael's Hospital, Toronto, Ontario

Commissioning of mechanical systems for several projects, including:

- Ambulatory Surgery Department
- 7 Queen Mechanical Phases 1 & 2
- Anaesthesia Department and Psychiatric Extended Observation & Treatment Unit
- Cardinal Carter Wing CVICU
- Fracture Clinic
- Cardiology Medical Offices
- Ophthalmology Department

Trillium Health Centre, Queensway Site, Toronto, Ontario

- Mechanical systems master plan.
- Renovation to accommodate new Day Surgery facility and associated clinic and service spaces.
- Preliminary design of new Urgent Care Centre
- Addition and renovations to the surgical wing to create a new Ambulatory Surgery Centre.

Tillsonburg District Memorial Hospital, Tillsonburg, Ontario

- Boiler plant upgrade.
- Chiller plant replacement.
- OR AHU replacement.

Representative Projects



Scarborough Centenary Hospital



Sunnybrook Health Centre



Riverdale Hospital

Healthcare Projects

Peel Memorial Hospital, Toronto, Ontario

Addition to existing building to house new MRI facilities, and Ambulatory care department renovations.

Toronto Hospital Western Division, Toronto, Ontario

- Musculo-skeletal treatment centre.
- IGMIT Facility combining MRI scanning and minimally invasive surgery.
- Mechanical systems upgrade to accommodate expansion of the C.T. Scan facility.
- Animal Facilities O.R. ventilation system upgrade.

Scarborough Centenary Hospital, Toronto, Ontario

Study of all tower ventilation and air conditioning systems to determine upgrade program scope and schedule.

St. Bernard’s Convalescent Hospital, Toronto, Ontario

General review of building mechanical systems.

Sunnybrook Health Centre, Toronto, Ontario

Study of Reichmann Research Centre EMI Department air conditioning and report on proposed upgrade.

Riverdale Hospital, Toronto, Ontario

Implementation of proposals described in the energy study including control systems, ventilation, boiler plant and chiller plant retrofit.

Beijing-Toronto International Hospital

Conceptual design for a Greenfield full service acute care hospital in China.

Halton Healthcare Facility, Oakville, Ontario

Planning, Design and Compliance Consulting Services for a new 489 bed hospital near Oakville, Ontario.

Markham Stouffville Hospital, Markham, Ontario

Planning, Design and Compliance Consulting Services for the expansion and new construction of this 500,000 sq.ft. facility.

Bridgepoint Hospital, Toronto, Ontario

Planning, Design and Compliance Consulting Services for a new 394 bed hospital and renovation to the historic Don Jail.