



ASSOCIATION OF CONSULTING
ENGINEERING COMPANIES
BRITISH COLUMBIA

acec british columbia

2014 AWARDS FOR ENGINEERING EXCELLENCE

Award of Merit

Surrey Memorial Hospital Acute Care Tower



Consultants

MMM Group Ltd. and Bush, Bohlman & Partners

Owner

Fraser Health Authority

Design Builder/Client

EllisDon Corporation (Design Builder)

Category

Buildings

For more information, please contact:

Andy Tashiro, P.Eng., LEED® AP
MMM Group
☎ (604) 676-1540 x4113
tashiroa@mmm.ca

Located in one of Canada's fastest growing and most diverse communities, the Surrey Memorial Hospital required both a redevelopment and expansion to meet the requirements of a growing population. As British Columbia's largest healthcare project, the 57,000 square metre, eight-storey critical care tower expansion to the Surrey Memorial Hospital will deliver significant improvements to patient care in Surrey, while providing a world-class facility. The facility was designed so it can be adapted to future needs and expansion.

The project required integration with the existing hospital and surrounding neighbourhood, as it is the largest acute care site for the Fraser Health Authority, serving approximately 1.6 million people. With its prominent presence on King George Boulevard, the new tower compliments the current development in Surrey.

The team completed a sustainability design approach for environmental, economic, and social sustainability to attain LEED Gold status. It used durable natural materials such as concrete, wood, structural steel, and masonry; and selected building materials that emit low amounts of volatile organic compounds. The collaborative team created a high-efficiency mechanical and electrical system and designed state-of-the-art energy efficient technologies.

The project was delivered using staged permit and construction packages to facilitate the fast track process to meet the project schedule.