



Burnaby Optimization Clinic

Burnaby, British Columbia



The Ministry of Health in British Columbia promised constituents greater access to hip and knee surgeries. To keep their word they invested in the Burnaby Hospital Optimization Clinic, a center of excellence for the arthroplasty program. “This initiative focuses on maximizing successful patient outcomes for pre and post surgical procedures,” explains Don Mah, Senior Capital Project Leader. The location for this vital clinic is 7000 sq. ft. in an existing building on the Burnaby hospital campus.

The firm, Craven Huston Powers Architects, worked with Mah and his team to develop an effective design solution. “At the outset we envisioned the use of a modular wall system to achieve flexibility,

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aesthetical enhancement and to build quality,” says Mah. “Under a formal RFP, the DIRTT wall system proved to be the best solution. The platform was outstanding and we approached it with great excitement.”

The team took advantage of the pliable nature of the DIRTT system to ensure it not only met the physical needs of their patients and staff with plumbing in the walls, handrail support and ADA compliant doors, but they met their emotional needs too. “We took the DIRTT profiles and pushed the envelope, incorporating the concept of nature imagery through high resolution graphical films, for a warm and comforting environment.” Eighty-percent of the walls are DIRTT Walls. Only “wet areas” warranted other flooring and flash-coving for infection control purposes.

All the teams on the project worked well together. Even the General Contractor, a team member often suspicious of modular walls, embraced the idea from the beginning. “As a healthcare facility, a greater emphasis is required for safety, infection control, cleaning and maintenance measures,” explains Mah. “The DIRTT team stepped up to the plate and delivered a home run. There was an unequivocal integrated design process by which various key stakeholders understood what the modular wall system could provide to enhance our work environments and patient outcomes. It was quite the adventure.”

The first medical teams and administrative staff to move-in are pleased with the results. “Staff and stakeholders find the design and space ‘refreshing and enlightened,’ says Mah. “It sets a new benchmark for hospital design. We look forward to working with DIRTT Environmental Solutions on future endeavours and projects.”