

Operational Readiness Planning In Full Swing for 2014 Opening

Revitalising KEMH

Renovation of the existing hospital building is making good progress. Here's what's happening now.

- BHB is currently defining how the existing KEMH building will be utilized, once the new facility is completed in Spring 2014. This will ensure appropriate space is secured and renovated for remaining clinical services, such as Maternity and Gosling Ward, as well as support services such as Sterile Processing (of surgical equipment) and Food Services. The plan will establish how renovations will be phased over time to ensure the work is feasible and affordable.
- Diagnostic Imaging renovations for the new 128-Slice CT scanner are now complete and the scanner is operational. New tests, such as virtual colonoscopy and heart angiograms will soon be available and patients are already benefiting from a faster, higher quality scan that reduces the exposure to radiation dose by up to 50%.
- Ward renovations in Perry, Cooper, Gordon and Curtis wards are now complete.
- Renovation of the Emergency Department bathrooms has been completed to improve the environment for BHB's busiest department.



ABOVE: The new hospital facility is already at first floor height

FAR RIGHT: A construction worker at work to one of the new facility columns

RIGHT: Excavation for the abstraction well pipework on South Road has commenced



New Building on the KEMH Site

- The project remains on time for completion in Spring 2014 and on budget. Some ground condition issues have had to be addressed, but this has not affected the completion date.
- To date, 40,000 cubic yards of rock have been removed/recycled and over 7,000 cubic yards of concrete have been poured for foundations and substructures.
- Excavation for the abstraction wells on South Road has commenced and will continue until the end of May 2012. Work on the same abstraction system at the service entrance road from South Shore into the Botanical Gardens is almost complete.
- Mock up reviews of a Trauma Room, Patient Bedroom, Nurses' Station and other ancillary spaces are now complete and an ambulance bay has been mocked up. This enables full testing of designs by clinical staff before the details are finalized.
- Preparing clinical services for the transition to the new facility is already underway, as part of a comprehensive Operational Readiness Plan.
- An Equipment Committee has been established to identify which equipment can be transferred, what needs to be purchased, and to make key decisions on equipment that has been requested for current purposes, to ensure no duplication takes place.

Assuring Quality

BHB, PHS and its Design-Build Contractor, BCM McAlpine, have monitoring processes and controls in place to ensure a quality facility is being built to specifications set out by BHB.

BCM McAlpine follows its own strict protocols and testing regimes set out within its Quality Management Plan. For example, over 80 Surveillances and 110 Concrete Inspection Sheets have been duly endorsed by the Engineer of Record to date.

BHB's Technical Advisors monitor the project on a regular basis and there are weekly project meetings between BHB and PHS.

An Independent Certification (IC) process represents the principal benchmark for completion of the design and construction

works. Currently, over 252 out of over 750 deliverables have been satisfied.

As the Design-Builder, BCM McAlpine follows risk management processes which address unforeseen issues in the design, construction, cost and schedule. To date, these have included ground condition abnormalities and diversions of existing underground services. For example, naturally occurring sand pockets within the limestone have been excavated and remediated with 4,500 cubic yards of lean mix concrete to the Engineer of Record and the Independent Certifier's satisfaction.

The Project Agreement allows BHB and PHS to jointly undertake regular reviews of the Project Schedule and the ability for BCMMcA to reschedule their works in order to finish on time.

Watch our progress. Please visit our website at www.bermudahospitals.com and click on the KEMH Redevelopment Project button on the homepage.

