

# BUILDING HEALTHCARE FOR TODAY AND TOMORROW



**Our new Health-Care Complex and Walker Family Cancer Centre in St. Catharines**

## Construction snapshot

As you learned in the previous edition of the newsletter, the new health-care complex project got off to a running start following the official groundbreaking held on April 28, 2009.



### Project Update

**June, 2009**

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*An aerial view of the site at First Street and Fourth Avenue, taken June 21, 2009*

*Thank you to Alain Boucher,  
NHS Manager of Engineering  
Services for the wonderful  
aerial shot!*

PCL remains focused on clearing the site at First Street and Fourth Avenue in preparation for the full construction start this summer. The month of June has included the removal of the topsoil layer for future re-use, the creation of temporary access roads and parking and lay-down areas for equipment.

On June 15, 2009 Rankin Construction mobilized on site to assist with site

grading and underground site service works for the project.

The finalization of site preparation will ensure the site is prepared for bulk excavation of the building later this summer, allowing the beginnings of the concrete structure to take shape in August 2009.

*PCL erected site offices in June and completed security and site fencing around the perimeter of the property*



## **We're good to go...green!**

On April 24, 2009, the project was officially registered with the Canada Green Building Council (CaGBC) as part of the process for the new health complex to become a LEED certified building.

The CaGBC is the leading national industry organization advancing green building practices for liveable communities and represents more than 2,100 member organizations involved in the design, construction and operation of buildings and implements the LEED® Green Building Rating System in Canada.

LEED (Leadership in Energy and Environmental Design) is a third-party certification program and an internationally accepted benchmark for the design, construction and operation of high-performance green buildings and homes. It provides building owners and operators the tools they need to have an immediate and measurable impact on their buildings' performance.

"Generally, green buildings consume fewer resources, generate less waste and provide healthier living and working environments than traditional buildings. There is a cost premium involved in developing a LEED certified building, but it is the right thing to do for the environment and the future," says Chief Planning and Development Officer Gloria Kain.

The LEED System recognizes performance in five key areas of human and environmental health. The NHS will strive to achieve LEED status by targeting required credits, some of which are identified with examples on the next page.



The project has officially been registered with the Canada Green Building Council

- |   |  |
|---|--|
| Sustainable site planning               | <ul style="list-style-type: none"> <li>▪ Alternative transportation measures to be incorporated with Travel Demand Management plan, including bicycle storage, change rooms and reduction in spaces to promote car pooling</li> <li>▪ Creation of storm water management system</li> <li>▪ Erosion and sediment control</li> <li>▪ Light pollution reduction strategies</li> </ul> |
| Safeguarding water and water efficiency | <ul style="list-style-type: none"> <li>▪ 20 per cent reduction in potable water use below LEED Canada referenced baseline</li> <li>▪ Installation of water-efficient showerheads, taps, toilets and urinals resulting in a reduction in water use</li> <li>▪ Water efficient landscaping</li> </ul>  |
| Energy efficiency and renewable energy  | <ul style="list-style-type: none"> <li>▪ Energy-efficient lighting, heating and cooling fixtures to meet energy performance standards</li> <li>▪ Use of long-term performance measurements for lighting, motors, chillers, boilers, water and air distribution</li> <li>▪ Specific regulations on use of CFCs, Halons etc.</li> </ul>  |
| Conservation of materials and resources | <ul style="list-style-type: none"> <li>▪ Use of regional materials</li> <li>▪ Diversion of construction waste management</li> <li>▪ Storage and collection of recyclables</li> </ul>   |
| Indoor environmental quality            | <ul style="list-style-type: none"> <li>▪ Avoidance of ozone-depleting refrigerants and insulations</li> <li>▪ Materials such as carpet, vinyl and paint will contain low levels or no volatile organic compounds or formaldehyde</li> <li>▪ Smoking prohibited at least 25' away from intakes, entrances and operable windows</li> </ul>   |
| Innovation in design                    | <ul style="list-style-type: none"> <li>▪ Provision of patient, staff and visitor accessible outdoor places of respite</li> <li>▪ Provision of direct access to exterior courtyard or terrace</li> </ul>  |

## 32,000 hits and counting!

The new project website has been a big hit since its launch on May 8, 2009. Dedicated to the design and construction of the new facility, the website is located at [nhs.plenaryprojects.com](http://nhs.plenaryprojects.com).

Some stats since the launch on May 8, 2009:

- 825 total unique visitors generating 31,989 hits
- 69 unique visitors per day (average)



"We have had a great response to the website with the average visitor spending approximately six minutes, 45 seconds at the site, which is quite notable," says Plenary Health Chief Executive Officer Mike Marasco.

"What we've found in terms of usage is that users logically scan the homepage, then spend the most amount of time on the image

gallery and webcams section,” adds Marasco.

While the webcam section is currently disabled until the webcams are installed on the site, the community can look forward to progress snapshots when the webcams are installed later this summer.

## Design development

The user groups including staff, physicians and volunteers, along with project team members continue to labour over finalizing the design of the 970,000 square foot facility. They anticipate completing design of the nine key departments and basement over the summer.

*Staff from the NHS Finance Department overlook plans for the facility, including the layout of the future Finance Department area*



The nine key departments include Acute Med Surg, Critical Care, CSR, Diagnostic Imaging, Emergency, Maternal Child, Lab, Perioperative Services and the Walker Family Cancer Centre. Departments which are captured in the basement include Environmental Services, Biomedical, Materials Management, Food Services and Security.

Members of the project team have been delighted with the progress to date in working with the user groups.

“The enthusiasm generated around the table, beginning with the Round One meetings was infectious and contagious,” says Clinical Project Manager Marilyn Bellows.

In order to informally track comments and provide staff with an opportunity to overview the layout of the facility, the project team has posted large-scale drawings of the building on the walls surrounding the project offices.

This has attracted a lot of interest from staff and community members alike, especially those staff scoping out their new office!

# Upcoming events in support of the new health-care complex



## Blue Ribbon Gala

Join us at the St. Catharines Golf Club, Saturday, September 19, 2009, for an evening of dinner and dancing you won't want to miss. Tickets are \$125.00 per person and tax receipts will be provided.

The Blue Ribbon Committee was formed in May 2003 to enhance awareness of prostate cancer and raise funds for the construction of the Walker Family Cancer Centre, specifically focusing on prostate cancer therapy.

For more information: Dr. Ron Casselman 905-687-4004 or Dr. Jim Lee 905-688-2761 email: [medi4004@bellnet.ca](mailto:medi4004@bellnet.ca)



## The Big Move Cancer Ride

The Big Move Cancer Ride is a non-competitive ride taking place on Sunday, September 20, 2009 to raise money in support of the Walker Family Cancer Centre. In order to support the needs of the Walker Family Cancer Centre, each rider is asked to make a minimum pledge commitment of \$500. All of these funds will support cancer care in Niagara, allowing cancer patients to make their personal journey at home, here in Niagara. For more information and to register: [www.bigmovecancerride.com](http://www.bigmovecancerride.com).



For more information on the NHS Health-Care Complex and Walker Family Cancer Centre project, visit our website: [nhs.plenaryprojects.com](http://nhs.plenaryprojects.com)

Or contact:

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