

New Oakville Hospital News

Fall 2010

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New Oakville Hospital Celebrates \$10 Million

Under blue skies and brisk fall winds a group of dedicated hospital staff and supporters gathered at the future site of Oakville's new hospital to hear the news that Peter Gilgan, Founder and CEO of Mattamy Homes has pledged to donate an historic \$10 million to Halton Healthcare Services' (HHS) New Oakville Hospital.

HHS President and CEO, John Oliver, had the dual honour of officially revealing the mystery donor's name and announcing that in recognition of this momentous donation the inpatient tower at the new hospital will be named the Peter Gilgan Patient Care Centre - news that received a standing ovation from the crowd.

"Peter, with your gift, we are one step closer to bringing life to our vision for this new hospital," remarked Mr. Oliver. "Today, we are pouring a foundation for the future and Peter you are a critical and vital cornerstone in that foundation."

Gilgan's long-time friend, neighbour and colleague, Bill Cooper said, "What strikes me most about Peter is his focus on helping to make our community better; it's a passion which fulfils him greatly."

Mr. Cooper, who is Co-Chair of the Oakville Hospital Foundation's (OHF) \$60 million Capital Campaign and President of Cooper Construction, told the crowd, "When John and I met with Peter to present our proposal he commented that this project, and our campaign, had 'hit

"They say it takes a village to raise a child, well I think it takes a community to build a hospital. I wouldn't be here today, if the doctors and nurses at OTMH hadn't saved my mom's life many years ago - that is why every year I try to give back to our hospital."

- Cameron Pike, 11-year old Oakville resident and Hospital Supporter



L-R: John Oliver, HHS President & CEO; Peter Gilgan, Mattamy Homes CEO; and Cameron Pike.

the nail on the head'. That's quite a compliment from such a renowned home builder! I knew then that we could count on Peter's support."

Joined on stage by his Co-Chair, Eve Willis, Mags Shorey, HHS Board Chair and Frank Lochan, OHF Board Chair, Mr. Cooper presented Mr. Gilgan with a ceremonial stethoscope.

"You've been listening to the heartbeat of our community for quite a while Peter," said Mr. Cooper. "We thought it only fitting to give you this stethoscope - to remind you of this day and your historic contribution to our community's healthcare."

"For over 10 years, I have had the privilege to be part of the Oakville Hospital community," concluded Mr. Gilgan. "I know firsthand the need for a vibrant new health care centre that will grow, live and thrive. This new state-of-the-art facility will ensure that Oakville continues to be one of the most livable communities in the country."

Meeting with Bidders... *the evolution of design*

During the Request For Proposals (RFP) open period, which began in June 2010, hospital staff participated in numerous design consultation meetings with bid teams.

At the meetings bidders presented their plans to the group and received verbal feedback that helped them to further develop their designs in accordance with the requirements set out in the project specific output specifications, which were developed by users during the planning phase of the project. Bidders also received written feedback.

A variety of subjects were discussed at the meetings, including such things as:

- Locations and adjacencies of departments
- Layout of departments
- Inpatient bedroom design
- Accesses to the hospital, ie. main lobby, Emergency Department entrances
- Exterior landscaping and traffic patterns
- Traffic flows of patients, visitors, staff and materials throughout the building
- Patient and staff travel distances within the hospital
- Clear and intuitive wayfinding and signage

The primary goal of these meetings was to ensure that bid teams had a firm understanding of the requirements of our hospital project.

Bid teams will continue to refine their designs until the RFP closes in January 2011 at which time they will submit proposals to Infrastructure Ontario for evaluation.

Healing by Design - the patient room

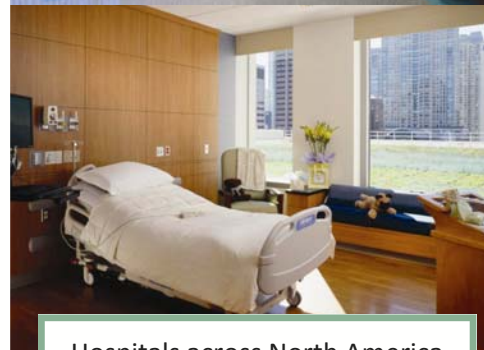
What do you think of when you hear the term healing environment? A relaxing spa, a tranquil garden, perhaps a corner of your house? Very few people would immediately think of a hospital. But that is beginning to change.

Research reveals that specific design changes in healthcare environments can reduce stress and alleviate the consequences of that stress. The way in which a room is laid out, the colours on the wall, natural light, noise control and the room temperature can all be integral components of the healthcare experience.

These changes can also help reduce medical errors and hospital-acquired infections, while improving staff morale and efficiency.

What is being planned at the New Oakville Hospital to create a healing environment?

- Eighty percent single patient rooms will enhance infection prevention and control and provide patients with a quiet environment and privacy
- Patient rooms that accommodate family and visitors comfortably
- Large windows with exterior views of green space will provide exposure to the healing benefits of natural light
- Home-like environments with the durability and cleanability needed in a hospital setting
- Waiting rooms and lounges with comfortable furniture
- Amenities such as sleeping accommodations that make it easier for family members to stay overnight with their loved one
- More options and choices for patients such as the ability to adjust lighting
- Dampening noise from paging systems, equipment, alarms, roommates and staff, making hospitalization less stressful and more restful for patients.



Hospitals across North America have provided inspiration for the New Oakville Hospital.

Improving the Visitor Experience

Hospitals can become a maze of disconnected, disorienting spaces due to their size and the complexity of their programs and functions. Good planning and design are important to ensuring the hospital is a welcoming place where people, regardless of their sensory, physical, language and intellectual abilities; social and cultural backgrounds; age, gender, and stature differences can find their way easily and effectively.

The New Oakville Hospital will be designed so that everyone can access all its facilities easily.

Patients and visitors will benefit from:

- Grades that are flat enough to allow easy movement;
- Sidewalks and corridors that are wide enough for wheelchairs and stretchers to pass easily;
- Convenient drop-off locations close to entrances;
- An engaging main entrance area that easily disperses patients and visitors to their destination;
- Clear signage to help visitors navigate their way in and around the hospital;
- Interior and exterior architectural and design elements to help people orientate themselves;
- Interior roadways that provide access to multiple parking lots and connections to municipal and regional roadways; and
- Access to public transit.



The ultimate goal is to create a wayfinding system that is intuitive - reducing much of the fear and anxiety associated with hospital visits so patients and visitors feel more relaxed, comfortable, and ultimately healthier.

Looking Ahead

Anticipated January 2011

- *Request for Proposals close.* Bidders will submit their final proposals for evaluation.
- *Town-led review of current OTMH lands.* The Town will host a second public workshop to discuss future land use/design options for the property. Find out more at www.oakville.ca.
- *Organizational readiness.* The hospital's Organizational Readiness Steering Committee will begin meeting to develop a plan for the move to the new building and the training and orientation of staff in the new work environment.

Anticipated March 2011

- *Preferred proponent selection.* Following an extensive evaluation process one of the three bid teams will be selected to finalize terms of the project agreement and costs. Details about the agreement and the final project cost will be made public after financial close.

Anticipated June 2011

- *Financial & commercial close followed shortly by the start of construction.*

When Minutes Matter and Seconds Count

No matter where you live in Oakville, in an emergency you should call 911 for an ambulance. To ensure timely response and access to healthcare services, the ambulance will take you to the closest emergency department.

Studies show patients with ST Elevation Myocardial Infarction (STEMI), a particular type of heart attack, experience better outcomes when they receive coronary angioplasty within 90 minutes of initial diagnosis.

If you think you are having a heart attack, call 911. When the paramedics arrive the advanced care paramedic will assess your condition by performing an electrocardiogram (ECG). If your ECG shows you are experiencing a STEMI, the paramedic will consult with an interventional cardiologist at Trillium Health Centre to begin the Code STEMI process. The Trillium Health Centre is a regional cardiac care centre in Mississauga.

When accepted by the interventional cardiologist at Trillium Health Centre, you will be transported directly to the Cardiac Catheterization Lab at Trillium, bypassing local hospitals and emergency rooms. This 90-minute treatment protocol has shown to improve the outcome for heart patients.

Frequently Asked Questions



Integrated Energy System

How will the energy needs of the New Oakville Hospital be provided?

The New Oakville Hospital will source its energy needs (process steam, building heating & cooling, and standby electricity) from an Integrated Energy System (IES) to be located on a 5-acre site at the northeast corner of Third Line and Burnhamthorpe Rd.

What is Integrated Energy?

Integrated Energy is a sustainable energy development concept integrating the production of heat and power (Combined Heat and Power or 'CHP') that will service the steam, heating, cooling and back-up electrical energy requirements of the New Oakville Hospital.

What are the advantages of Integrated Energy?

Greater energy efficiency: The IES proposed by Oakville Hydro will make use of the combined heat and power (CHP) concept, utilizing waste heat from the production of thermal energy used by the New Oakville Hospital. The CHP system proposed for this project is expected to run at 20-30% greater efficiency as compared to traditional energy plants.

Environmental sustainability: The IES will use natural gas as a clean fuel source to produce thermal energy to heat and cool the hospital. It will use less fuel and produce lower emissions than traditional centralized gas and coal fuelled power plants, dramatically reducing fossil fuel use and associated air pollutants.

Secure, reliable energy: The New Oakville Hospital will remain fully operational, particularly in the event of an extended power system blackout because the natural gas distribution system supplying the IES is independent of the municipal or provincial power grids, meaning there will be no fuel supply disruption in the event of a blackout.

How does the IES differ from traditional power sources for hospitals?

Hospitals are traditionally built with a Central Utility Plant (CUP) to serve primarily their thermal (heating and cooling) energy needs. The equipment found in a typical CUP consists of gas fired boilers and electrically driven chillers as well as back-up diesel generators. By integrating the use of equipment at the IES facility, the process for developing thermal and electrical energy for the hospital, compared with a traditional CUP, is much more efficient and less costly to operate.

What are the benefits of locating the IES near the new hospital?

In order to maximize the efficiency, reliability and security of energy supply, the IES must be located close to its end user, the New Oakville Hospital. Close proximity to the hospital means the IES will have lower distribution losses and more efficient distribution of steam and hot & cold water, following the principle of Distributed Generation as endorsed by the Ontario government and municipal utilities.

How will the IES differ from the power plant that was proposed for southeast Oakville?

At approximately eight megawatts, the IES will be a much smaller facility than the 980 megawatt generating station that was proposed for southeast Oakville. The IES will comply with the Town of Oakville's new interim control by-law and will abide by the Town's 'North Oakville Sustainability Guide' for urban development.

Fast Facts

- 50-acres at Dundas & Third Line
- Capacity for 457 beds
- Space for future expansion
- 80% single patient rooms
- New cancer clinic
- Ample parking

... construction starts 2011.

New
**Oakville
Hospital**

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