

Builders expect to hear requests for green features

Home, Lawn & Garden, Tuesday, March 22, 2011

Due to demand, builders today are constantly learning about the new and advanced technologies for home construction. Owner-clients want to be assured of living in the healthiest, most durable, least wasteful house possible—and therefore, building a home from the ground up is the best opportunity to get it right.

“In addition to fixtures and materials, be sure to ask for the most advanced construction methods,” says Todd Blyth at Nudura, a leading name in building system technology. “For example, more and more builders, on request, are discarding the traditional wood-framing method—now seen as inefficient and wasteful—in favour of concrete walls.”

Why concrete?

This Canadian-advanced technology consists of pre-assembled, interlocking forms delivered to the construction site. The specialized panels consist of two, stay in place forms of expanded polystyrene (EPS) connected with a hinged, folding web. The forms are stacked, reinforced, and then filled with concrete, creating a solid monolithic wall.

“The benefits are extensive,” Blyth explains. “Architects are inspired by new design possibilities; builders cut their construction time in half; and the homeowner (or commercial building owner) can feel satisfied for cut-



ting back on an enormous amount of wood.”

As importantly, the quality of life continues long after construction is completed, he continued. As time goes on within the “most technologically advanced walls”, your energy bills could drop by as much as 70 percent.

“This type of concrete building envelope delivers twice the efficiency compared to stick frame walls—and with no wood rot and mould, it delivers none of the related toxicity. Con-

crete walls are up to three times more sound resistant; up to four times more fire resistant, nine times stronger, and far more resistant to thermal bridging where outside cold seeps in to cause uncomfortable cold spots, drafts, and mustiness.”

Floor and ceiling construction is now far advanced too. More information is available online at www.nudura.com.

—www.newscanada.com

Building the greenest home

Building from the ground up is a golden opportunity to create the most energy efficient and environmentally friendly house of a lifetime—and for those committed, good advice is readily available.

So where does one begin?

“Create a checklist for the latest technology in walls, windows, siding, drainage, solar power, water management, ventilation, plumbing, heating and cooling systems,” says Nudura marketing manager, Todd Blyth. “An energy efficient checklist would also include the most insulated building envelope. For this, concrete, instead of wood, champions them all.

“Wood framing is outdated now,” Blyth continued. “Concrete on the other hand, saves the forest, eliminates toxicity, and delivers superior structural, environmental, and human health benefits. Nudura walls are pre-assembled forms, each one stacked, reinforced, and then filled with concrete. Once locked together (like Lego) the system creates a solid, monolithic wall. This Canadian-advanced method has shown to deliver energy savings of up to 70 per cent and delivers a building envelope up to three times more sound resistant, four times more fire resistant, and nine times stronger.

Rotary Club of Burlington presents 10th Annual

Giggles & Grub

Dinner, comedy, dancing and live auction in support of the Halton Down Syndrome Association and other Rotary charities

Tickets only
\$150* per person
 includes hors d'oeuvres, dinner & drinks

Featuring International Comedian & Musical Impersonator
Jimmy Keys
 Master of Ceremonies **John Moore**
 Moore in the Morning Newstalk 1010 CFRB

Friday April 1, 2011 at the Burlington Convention Centre
 5:30 pm cocktails & hors d'oeuvres - 7:15 pm dinner

Tickets & information ★ visit www.gigglesandgrub.ca or call 905 521-5171

*Tax receipt available upon request. Please provide name, address and ticket numbers.

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Turn off your unnecessary lights and electronics, and explore the stars with Cosmic Connections during Earth Hour™. In celebration of Earth Hour™, enjoy an exciting and **free** star gazing presentation hosted by the Town of Halton Hills and Christ the King Secondary School. The event is sponsored by Halton Hills Hydro.

Enjoy an indoor star presentation, then venture outside to view the solar system through high-powered telescopes. In case of cloudy skies, a simulated night sky will be presented indoors and the event will continue.

Halton Hills Hydro will be on site featuring their energy conservation programs.

When? 7:00pm - 8:30pm
 Saturday March 26, 2011

Where? Christ the King Secondary School Auditorium
 161 Guelph Street
 Georgetown, ON L7G 4A6

Contact: RSVP as space is limited. Please call Jennifer Spence at the Town of Halton Hills: 905.873.2601 ext. 2290 or e-mail jennifers@haltonhills.ca

Earth Hour Tips:
www.haltonhills.ca/sustainability