



**Cement Association of Canada**  
Association Canadienne du Ciment



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### **Rideau Valley's Teixeira Construction Takes Inaugural Award for Outstanding Energy Efficiency**

VICTORIA— Teixeira Construction and its President, John Teixeira are the first ever winners of the Cement Association of Canada's Award for Outstanding Energy Efficiency for Insulated Concrete Form (ICF) homes, in Canada. The company, based in Portland, Ontario, between Kingston and Ottawa in the picturesque Rideau Valley, beat out eight other builders nation wide for this prestigious award. The inaugural award presentation for Outstanding Energy Efficiency was made in conjunction with the annual National Conference of the Canadian Home Builders' Association, in Victoria, British Columbia.

Teixeira Construction's award-winning project is a 1,950 square foot home built near Perth, Ontario. It achieved an energy consumption efficiency rating of 61% below that of a typical new home built in Canada and an incredible 45% below the demanding R-2000 Energy Target set for the home. These results make this the most energy efficient home on record in Canada.

Kensington Master Builders, of Edmonton, Healthy Home Construction, of Halifax, and Gatta Construction of Niagara, Ontario, received Honourable Mentions for the high degree of energy consumption efficiencies of their ICF homes.

The Award for Outstanding Energy Efficiency recognizes the unprecedented achievements of concrete homes in energy efficiency. All homes entered in this contest must be built to the demanding R-2000 Standard set by Natural Resource Canada. The award goes to the builder who achieves the lowest calculated energy use.

"The precedent setting energy efficiency levels of the Teixeira home is truly impressive," explains CAC President, François R. Lacroix. "ICF homes are typically 40% more energy efficient than the standard home built in Canada today. Housing in Canada contributes 7% of greenhouse gas emissions (GHG). This construction method could be a major factor in helping Canada meet its GHG reduction targets," he says.

This award-winning ICF home features solar heating for hot water and a photovoltaic electrical system. The house also boasts a Heat Recovery Ventilator and an Energy Recovery Ventilator. ERVs allow both heat and humidity to be passed between air streams in the ventilation system. This holds humidity in winter and reduces summer cooling requirements by keeping moisture out during the warmer months. These technologies, combined with ICF construction, concrete floors and in-floor radiant heat, contribute to an overall healthier indoor living environment.

The CAC Award for Outstanding Energy Efficiency is one of two categories of awards developed by the CAC. The second is an Award for Design Excellence recognizing a home or low-rise residential project that demonstrates outstanding design aesthetics and functionality in concrete construction. This award will be launched at this year's CHBA with the first presentation to take place at the conference in 2003.

The Cement Association of Canada represents 100% of Canadian cement producers. The CAC works with strategic partners to expand the use of cement and concrete in Canada, provides technical and engineering expertise to the users of concrete, and provides a vehicle for its members to participate in public policy development. These efforts seek to increase awareness of the industry's commitment to vibrant communities, a healthy environment and a competitive economy.

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#### **HONOURABLE MENTIONS — Builder Profiles**



[- Kensington Backgrounder.pdf](#)



[- Barrett Backgrounder.pdf](#)



[- Gatta Backgrounder.pdf](#)

#### **About Our Guests...**

As part of this inaugural Cement Association of Canada concrete home awards presentation luncheon, we are fortunate to have among us a distinguished special guest speaker, as well as individuals who have helped bring the the importance of building energy efficient homes [...more](#)