

01.23.2017

City Partnership Request

To
Mayor and Council
City of Barrie

From
Michael Lato

Re
Hundred Year House

Comments:

Hello Mayor Lehman and Council Members,

Thank you for the opportunity we had to present to the Infrastructure, Investment and Development Services Committee on October 18, 2016. It was a pleasure to speak with Councilors Morales, Shipley and Ward about the Hundred Year House project.

As our next step we would like to formally request the partnership of the City of Barrie for the Hundred Year House project. This partnership will not require any financial contributions from the City of Barrie. Rather, we are seeking support in the form of Council approval to use the City's name as a supporter of the project and the placement of the City's logo on the Hundred Year House website located at: <http://www.hundredyearhouse.ca>. This partnership would also potentially include the appearance of a Council Member or the Mayor at the ground-breaking of the project and at the grand opening of the finished houses.

A sample of the proposed logo usage on the website is provided on page two. The logo will link to the City of Barrie website located at <http://www.barrie.ca>. The text accompanying the logo is currently only a placeholder and can be replaced with any content that the City would prefer.

We expect the City of Barrie to benefit from this project in multiple ways. Constructing four new triplexes will immediately increase the available rental units in the City of Barrie and contribute to the city's growth in coming years. The construction itself will provide opportunities for local trades.

Additional project information is located on page three. Thank you for your time and consideration. We look forward to your decision.


Hundred Year House

www.hundredyearhouse.ca
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The City of Barrie provides services and programs to build and support a prosperous, growing and sustainable community.



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The City of Barrie
City Vision
The City of Barrie will be progressive, diverse and prosperous with opportunities for all citizens to build a healthy and vibrant community.
Our Mission Statement
The Corporation of the City of Barrie provides services and programs to build and support a prosperous, growing and sustainable community.

Project Summary

The Hundred Year House is a project that will directly compare four different residential construction methods head to head in a way that has never been done before. Four identical houses with identical layout built on the same lot will provide cost and environmental data for the next 25 years. The City of Barrie offers an ideal location for this project that allows for both heating and cooling data to be gathered on a seasonal basis.

Project Goals

- To educate and inspire the next generation of homeowners to reduce their environmental impact by making strong choices in building techniques and housing density
- Demonstrate building techniques for minimum maintenance requirements over the long term
- Collect comparison data between the houses to quantify energy consumption differences in a real world setting (heating, cooling, water usage, etc.)
- Offer house plans that increase suburban density and allow for more housing options to the next generation of homeowners

Project Scope

- Four houses with identical layout, each one using a different construction method
 - Standard framing with spray foam
 - ICF (Insulated Concrete Form)
 - SIP (Structural Insulated Panel)
 - Steel Beam
 - Three-story triplexes, one two-bedroom unit per floor
 - Location: Barrie, Ontario, Canada
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