

# Attachment-12 Community Energy Initiative Commitment

## 3.3 Community Energy Initiative Analysis

The City of Guelph is committed to the United Nations Race-to-Zero campaign and has set targets for the whole community to reduce carbon emissions by 63% against the 2018 baseline by 2030, with the goal of becoming a net zero carbon community by 2050.

The Guelph Community Energy Plan ("CEP"), adopted by Council in 2007, was the first of its kind in North America. It set a target for the City to reduce energy consumption by 50% and greenhouse gas emissions by 60% on a per-capita basis over 2006 levels by 2031. In 2009, the CEP became the Community Energy Initiative ("CEI"), signaling a transition from planning into implementation. To achieve the targets of the CEI, the plan includes three components:

- Build a community organization to co-lead CEI Implementation;
- Implement enabling activities to encourage community action; and,
- Implement specific technical actions with direct greenhouse gas reduction potential.

The Proposed Development has incorporated a variety of building and Site design features that support the City's objectives for energy and water conservation, as identified within the 25 actions included in the CEI relating to buildings, energy systems, transportation, and industry. . A summary of the applicable actions relating to the Proposed Development are noted below:

- A compact built form that efficiently uses land on a Site that is designated for residential development within the Built-up Area and on an Arterial Road with access to full municipal servicing and a variety of local public transportation and active transportation opportunities;
- Provision of direct access to the street and close proximity to parks that encourage active and passive recreational opportunities;
- Identifies access to transit stops along Stevenson Street North and Elizabeth Street which promotes alternative modes of transit;
- Incorporation of efficient building design standards that provide for energy and water efficiency and conservation; and,
- Low Impact Design (LID) measures will be included in the development, where appropriate, to reduce the amount of stormwater entering into the City's pipe systems.
- Provision of energy efficient appliances and heating/cooling systems and high efficiency windows will be included in the development to increase the energy efficiency of the building.

In light of the foregoing, the Proposed Development is consistent with the energy and water conservation strategies outlined in Section 3.8 and Section 4.6 of the Official Plan.

## 3.4 Affordable Housing Analysis

While HB Development Inc. is not committing to affordable housing that meets the City's defined affordable housing benchmark as part of the proposed redevelopment. The proposed