



ENERGY STRATEGY

Townhome Development – 6th Concession, Windsor, ON

Our approach to achieving sustainability goals for the new development focuses on both the individual buildings and the overall site.

Building Design

The building design will address resource efficiency, responsible material choices and improved indoor air environment and efficient building envelope and building systems. To address water consumption, high performing water efficient plumbing fixtures will be included in the design. Energy performance will be optimized through a well-designed building envelope and efficient electrical and mechanical systems. The townhomes are intended to be fully metered to allow for energy management. Building design and construction teams will ensure high levels of recycled content, regional materials and FSC certified wood will be incorporated into the building. Additionally, the HVAC systems will be designed to ensure high levels of indoor air quality and occupant comfort, low emitting materials be used in order to preserve indoor air quality.

Site Design

The proposed site is to be connected to the existing subdivision at Spago Crescent, the design will incorporate pedestrian access at Spago. The addresses stormwater management to control both the quantity of exiting the site as well as reducing contaminants in the run off. Strategies will be utilized to reduce the heat island effect and similarly, in order to reduce light pollution in the residential area, site lighting will be designed to minimize light trespass. Water for irrigation will also be reduced through drought-tolerant species and efficient irrigation systems.

A handwritten signature in black ink, appearing to read "Paul Weidl".

Paul Weidl,
Principal Architect

