

## **Green Development Cover Letter**

### **65 Agnes Street, Mississauga**

The proposed development supports and promotes sustainable design, low impact development (LID) practices. The suggested practices generally comply with the sustainability policies of the *Shaping Ninth Line Urban Design Guidelines (2017)* and the *City of Mississauga's Green Development Standards (2012)*.

Please see below for a list of green development and building design features that have been considered by the proposed development. Further reference material can be found in the Functional Stormwater Report

provided by *MTE consultants, Landscape plans prepared by MHBC Planning, Urban Design, & Landscape Architecture, and Traffic Impact Study prepared by Urban Trans Engineering Solutions.*

#### **BUILDING & SITE ELEMENTS BEING CONSIDERED**

60/40 ratio of glass to insulated solid wall

- Ground source-geothermal
- Heat recovery system to reclaim energy from grey and black water
- Advanced metering and electrical data collection to monitor energy use/efficiency
- Carbon-absorbing concrete and lowcarbon materials
- Storm-water retention for grey water re-use
- Mississauga Development Stds
- Air-to-air Heat Pump
- Electric boiler vs. natural gas
- Parking conversion

#### **LANDSCAPE ELEMENTS BEING CONSIDERED**

- Rainwater harvesting with cistern feeding into drip irrigation systems
- Use native/drought/tolerant species
- Sidewalks lined with trees provide shade within 10 years of development
- Reduce heat island effect on hardscape surfaces through permeable paving, tree planting, and the use of high albedo finishes
- Seamless, at-grade connections from transit
- Bike parking provided along connections on site