

**BRAMPTON**
Flower City

APPENDIX 9 - SUSTAINABILITY SNAPSHOT

Planning & Development

SUSTAINABILITY SCORE SNAPSHOT

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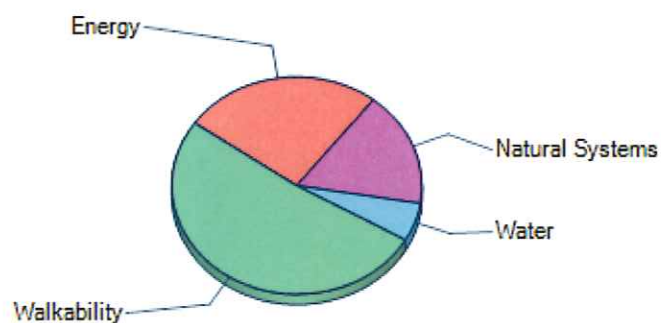
APPLICATION DETAILS

Project Name: 8671 Heritage Road

City File Number: PRE-2019-0070

Plan Type: Site Plan

Note: Scroll the following table to the right to view all the content



Walkability = 51 %
Energy = 26 %

Natural Systems = 17 %
Water = 6 %

SUSTAINABILITY SCORE:

37

THRESHOLD ACHIEVED:

BRONZE

Landscape and Street Tree Planting/Preservation - Maintain Existing Healthy Trees

- [Minimum] When healthy tableland trees are proposed for removal, enhanced compensation is provided based on basal area.

Landscape and Street Tree Planting/Preservation - Soil Quantity and Quality

- [Minimum] All pits, trenches and/or planting beds have a topsoil layer greater than 60 cm with gradual change of soil quality (texture, porosity), organic matter content that varies from 2% to 7% in the top 30 cm of soil by dry weight, and a pH of 6.8 to 8.0. There is a minimum soil area of 30 m² at proper planting depth of unobstructed growing medium per tree.

Site Accessibility - Universal Design

- [Minimum] 20% of buildings are designed in accordance with Universal Design and Accessibility guidelines (i.e. ICC/ANSI A117.1 or equivalent).

Site Accessibility - Number of Universally Accessible Points of Entry to Buildings and Sites

- [Minimum] 100% of Emergency Exits are Universally Accessible.
- [Aspirational] 100% of All Entrances and Exits are Universally Accessible.

Landscape and Street Tree Planting/Preservation - % Tree Canopy Within Proximity to Building/Pedestrian Infrastructure

- [Minimum] 50% of sidewalks will have shade provided by trees within 10 years of development. If spacing is not feasible, street trees have been placed elsewhere on the site to maintain the proposed tree canopy (e.g. additional park trees, front or backyard trees).

Parking - Off-Street Parking

- [Minimum] All new off-street parking has been located beside or behind a building.

Parking - Surface Parking

- [Minimum] A strategy has been developed to minimize surface parking for permanent employees and residents.

Pedestrian Connections - Traffic Calming

- [Aspirational] 100% of new residential-only streets are designed with traffic calming strategies.

Pedestrian Connections - Proximity to School

- [Minimum] 50% of dwelling units are within 800 m walking distance of public/private elementary, Montessori, and middle schools.
- [Minimum] 50% of dwellings units are within 1600 m of public/private high schools.
- [Aspirational] 75% of dwelling units are within 400 m walking distance of public/private elementary, Montessori, and middle schools.
- [Aspirational] 75% of dwellings units are within 1000 m of public/private high schools.

Site Permeability - Connectivity

- [Aspirational] Amenities and street furniture (benches, additional bike parking, landscaping) have been provided along connections on the site and between the site and adjacent destinations.

Walkability - Promote Walkable Streets

- [Aspirational] Pedestrian amenities have been provided to further encourage walkable streets.

Natural Heritage - Connection to Natural Heritage

- [Minimum] 25% of the total length of the natural heritage system is visually and physically connected (such as public access blocks, single loaded roads).

Stormwater - Stormwater Management Quality and Quantity

- [Minimum] The most intense rainwater event that the site can retain runoff from (in mm) is 5mm.

Stormwater - Stormwater Architecture/Features

- [Minimum] Stormwater amenities which provide functional and aesthetic benefits to the site have been included in the development plan.

Energy Conservation - Solar Readiness

- [Minimum] 100% of all new buildings have been designed for solar readiness.

Energy Conservation - Building Energy Efficiency - Single Family

- [Minimum] Single family homes and multi-unit residential buildings have been built to EnerGuide 83 or equivalent.

Energy Conservation - Building Energy Efficiency - Multi Family, Commercial, Residential, Institutional

- [Aspirational] There is expected energy savings of more than 55% for the proposed building relative to MNECB compliance.

Lighting - Parking Garage Lighting

- [Minimum] Occupancy sensors have been installed on two-thirds of lighting fixtures, while always maintaining a minimum level of illumination of 10 lux.

Lighting - Reduce Light Pollution

- [Minimum] Exterior light fixtures greater than 1000 lumens have been shielded to prevent night shy lighting, and there is no uplighting.

Bird Friendly Design

- [Minimum] Bird Friendly Design strategies have been applied to 85% of the exterior glazing located within the first 12 m of the building above-grade.
- [Minimum] Visual markers on the glass have spacings equal to or less than 10 cm x 10 cm.

Materials and Solid Waste Management - Solid Waste

- [Minimum] For Multi-Unit, Commercial, Retail and Institutional buildings, storage and collection areas for recycling and organic waste are within or attached to the building. Alternatively, deep collection recycling and organic waste storage facilities are provided

Heat Island - Reduce Heat Island Effect From the Built Form - Roof

- [Aspirational] Greater than 90% of the roof has been designed with a "cool" roof surface.