

SUSTAINABILITY SCORE SNAPSHOT

APPLICATION DETAILS:

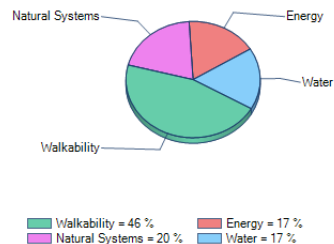
Project Name: W21017 - Extension to Montessori School / Day Nursery

City File Number: PRE-2020-0142

Plan Type: Site Plan

SUSTAINABILITY SCORE: **38**

THRESHOLD ACHIEVED: **BRONZE**



Land use Diversity Mix: Proximity to Lifestyle Amenities

- [Minimum] Select amenities are within 800 m walking distance of 50% or more of the Dwelling Units (DU) and/or jobs.
- [Aspirational] Select amenities are within 400 m walking distance of 75% or more of the Dwelling Units (DU) and/or jobs.

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.
- [Aspirational] 75% or more of the healthy mature trees greater than 20 cm DBH have been preserved in-situ.

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 - 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.

Parking - Bicycle Parking - Commercial/Office/Institutional

- [Minimum] 0.13 employee bicycle parking spots been provided per 100 m2 of Gross Floor Area.
- [Aspirational] The bicycle parking spots are weather protected and close to building entrance.

Parking - Surface Parking

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

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.

Transit Supportive - Distance to Public Transit - Site Plans

- [Minimum] The site is within 800 m walking distance to an existing or planned commuter rail, light rail, bus rapid transit or subway with stops; or

the site is within 400 m walking distance to 1 or more bus stops with frequent service.

- [Aspirational] The site is within 400 m walking distance to an existing or planned commuter rail, light rail, bus rapid transit or subway with stops; or, the site within 200 m walking distance to 1 or more bus stops with frequent service

Walkability - Promote Walkable Streets

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

Stormwater - Stormwater Management Quality and Quantity

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

Stormwater - Rainwater Re-Use

- [Minimum] Residential (multi-family only), commercial, and institutional buildings have been designed for rainwater re-use readiness.
- [Aspirational] Rainwater is collected on site and used for low-grade functions.

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 - 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.

Energy Conservation - Energy Management

- [Minimum] An energy management strategy has been developed for the development.

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.
- [Aspirational] Lighting controls have been implemented to reduce light spillage from buildings by 50% from 11 pm to 5 am.

Lighting - Energy Conserving Lighting

- [Minimum] LEDs and/or photocells have been used on all lighting fixtures exposed to the exterior.

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.

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

Materials and Solid Waste Management - Recycled/Reclaimed Materials

- [Minimum] 25% of recycled/reclaimed materials will be used for new infrastructure, including roadways, parking lots, sidewalks, unit paving, etc.