

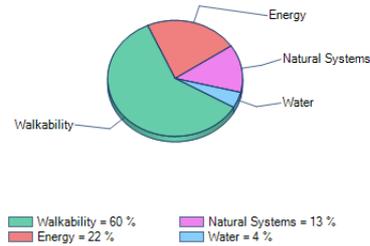
SUSTAINABILITY SCORE SNAPSHOT

APPLICATION DETAILS:

Project Name: 9445 Clarkway Drive

City File Number: PRE19.012

Plan Type: Site Plan



SUSTAINABILITY SCORE: **52**

THRESHOLD ACHIEVED: **BRONZE**

Land use Diversity Mix: Proximity to Basic Amenities

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

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.

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.

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 - 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.
- [Aspirational] One shower and change room (per gender) provided for each 30 bicycle parking spots.

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.

Parking - Carpool and Efficient Vehicle Parking

- [Aspirational] 5% of site parking spots have been dedicated to carpooling and/or fuel efficient/hybrid vehicles and/or car share/zip car.

Pedestrian Connections - Traffic Calming

- [Aspirational] 75% of new non-residential and/or mixed-use streets area designed with traffic calming strategies.

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] 100% of streets have continuous sidewalks, or equivalent provisions, provided on both sides of streets where not required by Municipal standards.
- [Aspirational] Pedestrian amenities have been provided to further encourage walkable streets.

Natural Heritage - Connection to Natural Heritage

- [Aspirational] 50% 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 - Building Energy Efficiency - Multi Family, Commercial, Residential, Institutional

- [Aspirational] There is expected energy savings of 25% 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.
- [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

Materials and Solid Waste Management - Material Re-used and Recycled Content

- [Minimum] 5% of reused content in building materials and/or landscaping materials has been used.
- [Minimum] 10% of reused content in building materials and/or landscaping materials has been used.

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.

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.