

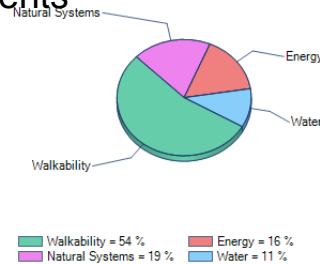
# SUSTAINABILITY SCORE SNAPSHOT

## APPLICATION DETAILS:

Project Name: W21051 - Castleclark Developments

City File Number: PRE\_2021\_0093

Plan Type: Draft Plan



SUSTAINABILITY SCORE: **42**

THRESHOLD ACHIEVED: **SILVER**

### 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.

### 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.

### Cultural Heritage Resources - Cultural Heritage Conservation

- [Minimum] Cultural heritage conservation policies under provincial legislation (i.e. the Ontario Heritage Act, Planning Act and PPS, etc.), Municipal Official Plan, Municipal By-laws, and "The Standards and Guidelines for the Conservation of Historic Places in Canada" have been adhered to.

### % of Tree Canopy Within Proximity to Building/Pedestrian Infrastructure - % Canopy Coverage

- [Minimum] Street trees have been provided on both sides of streets according to the Municipal Standards.
- [Minimum] Street tree distances have been provided on both sides of new and existing streets, within the project and on the project side of bordering streets, between the vehicle travel lane and walkway (in meters).
- [Minimum] 50% of sidewalks will be shaded 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).

### Street Networks/Blocks - Block Perimeter/Length

- [Minimum] 75% of block perimeters do not exceed 550 m, and 75% of block lengths do not exceed 250 m.

### Street Networks/Blocks - Intersection Density

- [Aspirational] There are 51-60 street intersections.

## Active Transportation - Proximity to Cycle Network

- [Minimum] 75% of residents/jobs are within 400 m of existing or approved by council path/network.

## Active Transportation - Creation of Trail and Bike Paths

- [Aspirational] The objectives of Brampton's Pathways Master Plan have been advanced by providing Trail Enhancements.

## Walkability - Promote Walkable Streets

- [Minimum] 75% of streets have continuous sidewalks, or equivalent provisions, provided on both sides of streets where not required by Municipal standards.

## 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).

## Natural Heritage System - Natural Heritage System Enhancements

- [Aspirational] The development plan demonstrates ecological gain above and beyond the Municipal natural heritage requirements.

## Stormwater - Stormwater Management Quality and Quantity

- [Aspirational] The most intense rainwater event that the site can retain runoff from (in mm) is 10mm.
- [Minimum] 81%-90% of Total Suspended Solids from all runoff leaving site will be removed during a 10 mm rainfall event.

## Soils and Topography - Restore and Enhance Soils

- [Minimum] Recommendations from a Topsoil Fertility Test have been implemented for the entire site.
- [Aspirational] The application avoids development on highly permeable soils and follows TRCA and CVC Low Impact Development Stormwater Management Planning and Design Guides.

## Energy Conservation - Passive Solar Alignment

- [Minimum] 50% of the blocks have one axis within 15 degrees of East/West. East/West lengths of those blocks are at least as long as the North/South lengths.

## 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 - Reduce Light Pollution

- [Minimum] It is confirmed that lighting isn't included in the design and all exterior lighting fixtures >1,000 lumens are shielded to prevent night sky lighting.

## Lighting - Energy Conserving Lighting

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