



## Planning & Development

# Sustainability Assessment Tool

[Browser Capability Information](#) (link: /EN/Business/planning-development/Land-Development-Application/Pages/Browser-compatibility.aspx)

### General Information

User Name:\*

Mark Condello

Company Name:\*

Glen Schnarr & Associates Inc.

Project Name:\*

Redcliff Homes Inc.

City File Number:\*

Burlington

Type of Development Site:\*

Greenfield

Plan Type:\*

Draft Plan

### Type of Development Properties:

Ground Related Residential:

Yes

Multi-Unit Buildings (4 stories or greater):

No

Commercial / Industrial / Institutional:

No

Email Address:\*

@markc@gsai.ca

Confirm Email Address:\*

@markc@gsai.ca

Sustainability Score

17 of 17 Mandatory Metrics Are Satisfied

26 of 64 Minimum Targets Are Satisfied

17 of 61 Aspirational Targets Are Satisfied


Application

Overall	31 of 105
29%	
Energy	0 of 17
0%	
Water	3 of 11
27%	
Walkability	19 of 50
38%	
Natural Systems	6 of 14
42%	

Community

Overall	43 of 125
34%	
Energy	0 of 17
0%	
Water	3 of 11
27%	
Walkability	33 of 66
50%	
Natural Systems	6 of 14
42%	

FINAL SUSTAINABILITY SCORE 31

 Bronze

Reminder: Please complete all four sections and make sure to press "Save" at the end of each.

# Built Environment

 [Help](#) (link: /EN/Business/planning-development/Land-Development-Application/Pages/Help-Built-Environment.aspx)

## Compact Development: Persons and Jobs per Hectare

Has the plan conformed to the following relevant minimum density targets? Places to Grow - 50 ppl+jobs/hectare OR Targets set within the Municipal Official Plan/Secondary Plan

Yes



[Mandatory](#)

## Land use Diversity Mix: Proximity to Basic Amenities

*Please Populate Both Cases*

### Case 1 - Minimum Target

Select amenities which are within 800 m walking distance of 50% or more of the Dwelling Units (DU) and/or jobs (2 Points Each) (This minimum metric must be satisfied to earn aspirational points)

[Up to 6 points \(M\)](#)

Grocery Store/Farmers' Market/Place to purchase fresh produce

Yes



Community/Recreation Centre

No



Pharmacy

Yes



Library

<select>



### Case 2 - Aspirational Target

Select amenities which are within 400 m walking distance of 75% or more of the Dwelling Units (DU) and/or jobs (2 Points Each)

[Up to 6 points \(A\)](#)

Grocery Store/Farmers' Market/Place to purchase fresh produce

Yes



## Community/Recreation Centre

&lt;select&gt;



## Pharmacy

Yes



## Library

&lt;select&gt;

**Land use Diversity Mix: Proximity to Lifestyle Amenities***Please Populate Both Cases***Case 1 - Mandatory Requirement**

Have all Municipal Official Plan requirements been satisfied?

Yes

[Mandatory](#)**Case 1 - Minimum Target**

Select amenities which are within 800 m walking distance of 50% or more of the Dwelling Units (DU) and/or jobs (1 Point Each) (This minimum metric must be satisfied to earn aspirational points)

[Up to 3 points \(M\)](#)

## General Retail

&lt;select&gt;



## Convenience Store

&lt;select&gt;



## Theatre

&lt;select&gt;



## Coffee Store

&lt;select&gt;



## Hair Salon

&lt;select&gt;



Bank

<select>

▼

Place of Worship

<select>

▼

Daycare

<select>

▼

Restaurant/Pub

<select>

▼

Other (Please Specify)

<select>

▼

Case 2 - Aspirational Target

Select amenities which are within 400 m walking distance of 75% or more of the Dwelling Units (DU) and/or jobs (1 Point Each)

Up to 3 points (A)

General Retail

<select>

▼

Convenience Store

<select>

▼

Theatre

<select>

▼

Coffee Store

<select>

▼

Hair Salon

<select>

▼

Bank

&lt;select&gt;



Place of Worship

&lt;select&gt;



Daycare

&lt;select&gt;



Restaurant / Pub

&lt;select&gt;



Other (Please Specify)

&lt;select&gt;



## Landscape and Street Tree Planting/Preservation - Urban Tree Diversity

In an urban area, where trees are planted in a row (i.e. street trees, trees in parks, parking area, etc.), have tree species been alternated every two trees, or in accordance with approved Municipal Standards?

Yes

**Mandatory**

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

Are there any trees on site?

Yes

**Qualifier**

Has a Tree Evaluation Report (Arborist report) been prepared that identifies and evaluates where on-site healthy trees will be protected or removed, and has compensation for removal of healthy tableland trees been proposed in accordance with the City's requirements?

Yes

**Mandatory**

Where healthy tableland trees are proposed for removal, has enhanced compensation is provided based on basal area?

Yes



2 Points (M)

Have 75% or more of the healthy mature trees greater than 20 cm DBH been preserved in-situ on site?

NA



3 points (A)

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

Have all Municipal Planting Standards been satisfied as they pertain to soils?

Yes



Mandatory

All pits, trenches and/or planting beds have a topsoil layer greater than 60 cm with gradual change of soil quality (texture, porosity) and 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 m<sup>2</sup> at proper planting depth of unobstructed growing medium per tree.

Yes



2 Points (M)

## Green Building

Are there more than five non-residential buildings in your development application?

No



Qualifier

Have all Municipal buildings over 500 m<sup>2</sup> been designed to LEED Silver or equivalent?

NA



Mandatory

How many buildings are enrolled in a third party Green Standards? (2 Points if One or More)

2 Points (M)

Please Select: Applicable Certification Standards

&lt;select&gt;




&lt;select&gt;



<select>



# Housing Unit Mix - Design for Life Cycle Housing - Block and Draft Plan

Input the percentage of housing types that fall under the following categories. 

Up to 7 Points (M)

## Ownership

Affordable / Low Income

Market

## Housing Type

Attached

Detached

Townhomes

Mid / Hi-Rise

## Accommodations

Live Work

Multi-Generational Living

Mixed-Use



Adult/Senior Care Housing

Long-Term Care

## Pedestrian Connections - Traffic Calming

Are new residential only roads being created within your development application?

Yes



Qualifier

Are new non-residential roads being created within your development application?

No



Qualifier

What percentage of new residential-only streets is designed with traffic calming strategies?



75%



Up to 2 points (M and A)

## Pedestrian Connections - Proximity to School

Are 50% of dwelling units within 800 m walking distance of public/private elementary, Montessori, and middle schools? *(Must satisfy this minimum target to earn aspirational points)*

Yes



2 Points (M)

Are 50% of dwellings units within 1600 m of public/private high schools? (Must satisfy this minimum target to earn aspirational points)

Yes



1 Point (M)

Are 75% of dwelling units within 400 m walking distance of public/private elementary, Montessori, and middle schools?

Yes



2 Points (A)

Are 75% of dwellings units within 1000 m of public/private high schools?

Yes



1 Point (A)

## Cultural Heritage Resources - Cultural Heritage Conservation

Have the following policies been adhered to? 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". Municipal Register of Cultural Heritage Resources and/or Municipal Heritage Inventory.

NA



Mandatory

Have all properties included in the Municipal Heritage Registers (listed and designated) been evaluated?

<select>



2 Points (M)

Have all of the cultural heritage resources that qualify for designation under the Ontario Heritage Act been retained and protected?

<select>



Are 100% of cultural heritage resources identified in the Municipal Heritage Registers (listed and designated) and their associated landscapes and ancillary structures conserved in-situ in accordance with "The Standards and Guidelines for the Conservation of Historic Places in Canada"?

<select>



2 Points (A)

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

Have street trees been provided on both sides of streets according to the Municipal Standards?

Yes



Mandatory

At what distance have street trees 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)?

<select>



Up to 2 points (M and A)

What percentage 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). All trees should be selected from the applicable Municipal tree list. (50%=1 Point, 75%=2 Points)

<select>



Up to 2 points (M and A)

## Mobility [Help](#) (link: /EN/Business/planning-development/Land-Development-Application/Pages/Help-Mobility.aspx)

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

Verify the following statement, 75% of block perimeters do not exceed 550 m and 75% of block lengths do not exceed 250 m.

Yes



2 Points (M)

Verify the following statement, 100% of block perimeters do not exceed 550 m and 100% of block lengths do not exceed 250 m

Yes



2 points (A)

### Street Networks/Blocks - Intersection Density

How many street intersections are there per km<sup>2</sup>? (40-50=2 Points, 51-60=3 Points, >60=4 Points)

<select>



Up to 4 points (M and A)

### Transit Supportive - Distance to Public Transit - Block and Draft Plans

Have the Official Plan Targets been satisfied?

Yes



Mandatory

Are 50% of residents/employment within 800 m walking distance to existing or planned commuter rail, light rail or subway with frequent stops? Alternatively, are 50% of residents/employment within 400 m walking distance to 1 or more bus stops with frequent service?

Yes



3 Points (M)

Are 75% of residents/employment within 400 m walking distance to existing or planned commuter rail, light rail or subway with frequent stops? Alternatively, are 75% of residents/employment within 200 m walking distance to 1 or more bus stops with frequent service?

Yes



3 points (A)

## Active Transportation - Proximity to Cycle Network

Does the development plan include any anticipated or existing trails or cycling networks?

Yes



Qualifier

Are 75% of residents/jobs within 400 m of existing or approved by council path/network? *(This Minimum Target must be met in order to earn Aspirational Points)*

Yes



2 Points (M)

Are 100% of residents/jobs within 400 m of existing or approved by council path/network?

<select>



2 points (A)

## Active Transportation - Creation of Trail and Bike Paths

This metric will only populate if the presence of a Cycling Networks has been declared in the previous metric "Proximity to Cycle Network"

Has the Brampton's Pathways Master Plan been complied with?

Yes



Mandatory

Have the objectives of Brampton's Pathways Master Plan been advanced by providing Trail Enhancements?

&lt;select&gt;



2 points (A)


## Walkability - Promote Walkable Streets

Are all sidewalks in accordance with applicable Municipal Standards? Sidewalks must be at least 1.5 m in width.

Yes



Mandatory

What percentage of streets have continuous sidewalks, or equivalent provisions, provided on both sides of streets where not required by Municipal standards? 

&lt;select&gt;



Up to 4 points (M and A)

Have pedestrian amenities been provided to further encourage walkable streets?

&lt;select&gt;



2 points (A)

Please list pedestrian amenities provided:

- ☐ Wind Breaks
- ☐ Seating
- ☐ Pedestrian Oriented Lighting
- ☐ Wide Sidewalks (Urban Areas)
- ☐ Shading

Other (Please Specify)

## Natural Environment and Parks

 [Help](#) (link: /EN/Business/planning-development/Land-Development-Application/Pages/Help-Natural-Environment.aspx)


### Natural Heritage - Connection to Natural Heritage

Is a natural heritage system included within, or adjacent to, the development boundary?

Yes



Qualifier

What percentage of the total length of the natural heritage system is visually and physically connected (such as public access blocks, single loaded roads)? 

<select>



Up to 4 points (M and A)

## Natural Heritage System - Natural Heritage System Enhancements

This metric will only populate if the presence of a natural heritage system has been declared in the previous metric "Natural Heritage - Connection to Natural Heritage"

Does the application conform to the City's natural heritage system as defined in its Official Plan?

Yes



Mandatory

Has the development plan demonstrated ecological gain above and beyond the Municipal natural heritage requirements?

Yes



2 points (A)

## Parks - Park Accessibility

Does the development plan include any parks?

Yes



Qualifier

Have two or more road frontages been provided for each urban square, parkette, and neighbourhood parks? If applicable, have three road frontages been provided for each community park?

Yes



3 Points (M)

Have three or more road frontages been provided for 75% of all park types?

Yes



3 points (A)


## Stormwater - Stormwater Management Quality and Quantity

Have quantity or flood control been provided in accordance with applicable Municipal and conservation authority requirements?

Yes



## Mandatory

What is the most intense rainwater event that the site can retain runoff from (in mm)? 

10 mm

## Mandatory and Up to 6 points (M and A)

Will 80% of the Total Suspended Solids (TSS) be removed from all runoff leaving the site on an annual loading basis? Additionally, have all ponds been designed with Enhanced Level of Protection (Level 1)?

Yes

## Mandatory

Will 81%-90% of Total Suspended Solids from all runoff leaving site be removed during a 10 mm rainfall event? *(This Minimum Target must be satisfied in order to earn Aspirational Points)*

No

## 1 Point (M)

Will 91-100% of Total Suspended Solids from all runoff leaving site be removed during a 15 mm rainfall event?

<select>

## 4 points (A)

## Urban Agriculture - Dedicate Land For Local Food Production - Block and Draft

Has 80 ft<sup>2</sup>. of garden space been provided per development unit?

No

## 2 Points (M)

Has the applicable growing space per development unit been satisfied? See table below:

DU Density	Growing Space/DU
17-35DU/ha	200 ft <sup>2</sup>
36-54DU/ha	100 ft <sup>2</sup>
>54DU/ha	80 ft <sup>2</sup>

No

## 2 points (A)

## Soils and Topography - Restore and Enhance Soils

Has a Topsoil Fertility Test been conducted according to Municipal Standards?

Yes

### Mandatory

Have recommendations from a Topsoil Fertility Test been implemented for the entire site?  
(Must satisfy this target to earn aspirational points)

<select>



1 Point (M)

Does the application avoid development on highly permeable soils and follows TRCA and CVC Low Impact Development Stormwater Management Planning and Design Guides?

Yes



2 points (A)

Has a minimum topsoil depth of 200 mm been provided across the entire site?

<select>



2 points (A)

## Infrastructure and Buildings

[Help](#) (link: /EN/Business/planning-development/Land-Development-Application/Pages/Help-Infrastructure.aspx)

### Energy Conservation - Passive Solar Alignment

What percentage of blocks have one axis within 15 degrees of East/West? East/West lengths of those blocks must be at least as long as the North/South lengths.

NA



Up to 6 points (M and A)

### Energy Conservation - Building Energy Efficiency - Draft Plan

Have all single family homes buildings been designed in accordance with the Ontario Building Code?

Yes



Mandatory

What EnerGuide rating have 75% of single family homes and multi-unit residential buildings (<3 storeys) been built to?

2 Points (M)



What EnerGuide rating have 90% of single family homes and multi-unit residential buildings (<3 storeys) been built to?

2 Points (A)

## Energy Conservation - Energy Management

Has an energy management strategy been developed for the development?

2 Points (M)

## Lighting - Reduce Light Pollution

Have all applicable Municipal Standards been satisfied?

Mandatory

Confirm that there is no "uplighting" included in the design and that all exterior lighting fixtures >1,000 lumens are shielded to prevent night sky lighting.

1 Point (M)

## Lighting - Energy Conserving Lighting

Have all applicable Municipal Standards been satisfied?

Mandatory


Have LEDs and/or photocells been used on all lighting fixtures exposed to the exterior? (Includes street lights, park lights, and pedestrian ways)

2 Point (M)

## Materials and Solid Waste Management - Recycled/Reclaimed Materials

Have all applicable Municipal Standards been satisfied?

Mandatory

What percentage of recycled/reclaimed materials will be used for new infrastructure including roadways, parking lots, sidewalks, unit paving, etc. 

<select>



Up to 2 points (M and A)