



Hamilton

WELCOME TO THE CITY OF HAMILTON

# PLANNING COMMITTEE

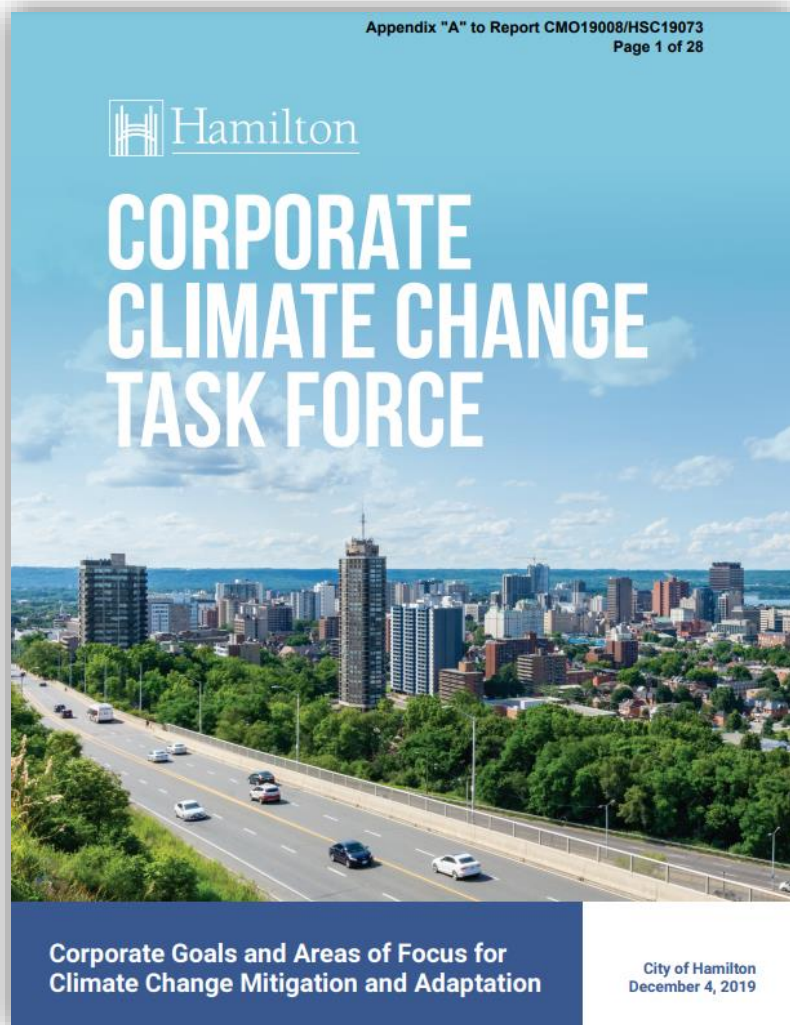
September 6, 2022

## **PED22185 –**

# Public Consultation on Sustainable Building and Development Guidelines – Low Density Residential Uses (City Wide)

Presented by: Mallory Smith

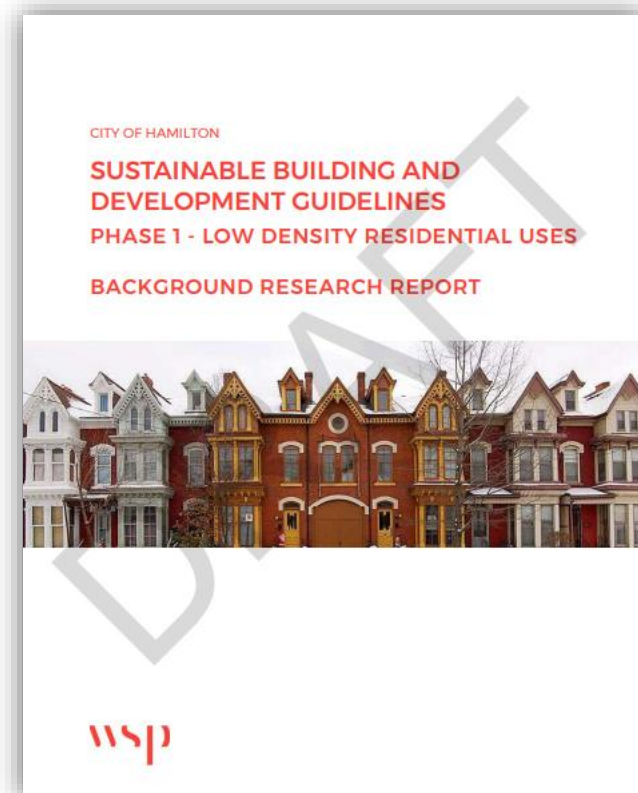
# Background



High Impact Actions	Areas of Focus for Further Work	Department Lead	Reporting Timeline
The City will ensure future land use and development supports climate change mitigation and resiliency.	Climate change evaluation framework/ lens as part of GRIDS2 and the Municipal Comprehensive Review.	Planning and Economic Development	Initiate: 2020 Report: Annually
	Energy and Environmental Assessment Report requirement for new development proposals.	Planning and Economic Development	Initiate: 2020 Report: Annually
	Adoption of Community Energy Plan.	Planning and Economic Development	Initiate: 2020 Report: Annually
	Low Impact Development guidelines within the City's Comprehensive Engineering Guidelines, Site Plan guidelines and zoning standards.	Planning and Economic Development	Initiate: 2020 Report: Annually
	Climate change evaluation framework/ lens for future infrastructure master plans.	Public Works	Initiate: 2020 Report: Annually

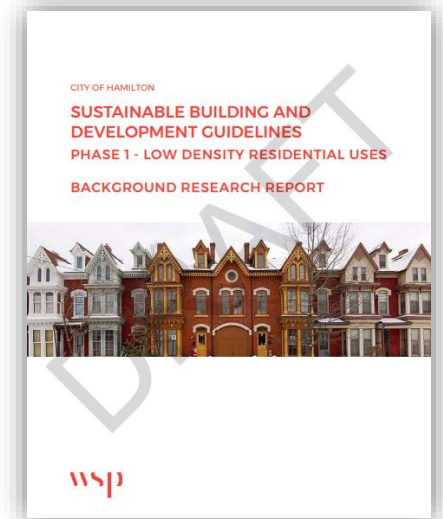
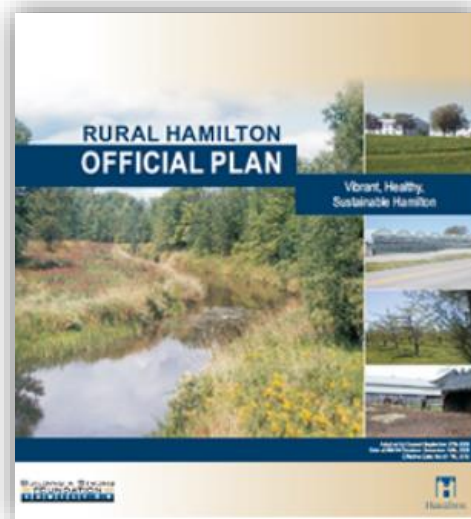
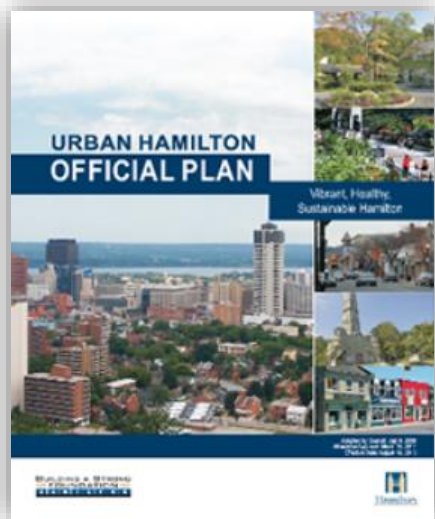
# Background

- Establish a set of criteria for the evaluation of Low Density Residential (LDR) development proposals against the objectives of achieving sustainable and resilient communities.
- Assessment tool in the form of a checklist for the City to use in determining the extent to which Sustainable Building and Development Guidelines (SBDG) can be incorporated into new or retrofitted developments.



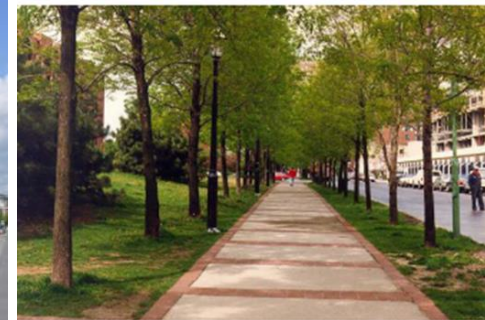
# Background

PED22185




# Sustainable Building Design Guidelines

- The purpose of the Guidelines is to improve the environmental performance of new industrial, commercial, institutional, and residential development within the City.
- This first phase of the project focuses on Low Density Residential uses, the subsequent phases of the project will include medium and high density residential development, industrial, commercial, and institutional development within the City.



- Will establish minimum and aspirational targets
- A grading or scoring system to evaluate the performance of proposed developments against the targets and criteria, and,
- Minimum information requirements to be submitted with development applications to inform the evaluation of the proposed development against the Guidelines.



**City of Hamilton Sustainable Building and Development Guidelines**  
**Phase 1 - Low Density Residential Uses**

The City of Hamilton Sustainable Building and Development Guidelines shall apply to proposed low-density residential developments under the following conditions. For the purpose of interpretation, a low-density dwelling shall mean a single detached dwelling, duplex dwelling or semi-detached dwelling as defined in the City of Hamilton Zoning By-law:  
 1. Where an application is made under the *Planning Act* for a Draft Plan of Subdivision that proposes five (5) or more low density residential dwellings with access from a public street, and where the application is subject to the City of Hamilton Site Plan Control By-law; and  
 2. Proposed applications that require an amendment to the City's Official Plan or Zoning By-law to satisfy Item 1 above, shall also be required to satisfy these Guidelines.

For clarity, the Low Density Sustainability Building and Development Guidelines shall not apply to developments that are deemed to be medium density or high density.

Requirement	Intent	Description	Compliance			Comments: Description of compliance, reference documentation, etc.	Subdivisions	Single Homes
			Yes	No	N/A			
Healthy Trees	Support vegetation in urban areas and ensure maintenance of trees.	Protect existing healthy trees (in-situ or removed) in accordance with an approved Tree Preservation Plan or Arborist Report.					Mandatory	Mandatory
		These Plans/reports are to be prepared in accordance with the City's Council adopted Tree Protection Guidelines (revised October 2010).						
Street Tree Planting	Reduce the urban heat island effect, reduce water runoff, improve air quality, and enhance the streetscape for human activity by providing street trees.	Provide street trees on both sides of new and existing streets within the development adjacent to the vehicle travel lane at a rate of 1 tree per unit.					Mandatory	Mandatory
		Provide additional street trees at least 10% above minimum required.					Mandatory	N/A
Native and Adapted Species	Enhance resilience and biodiversity by restoring native and climate-adapted vegetation found within the City and eliminating invasive species.	Do not use invasive species or artificial grass.					Mandatory	Mandatory
		Use native or adapted species (including trees, shrubs and herbaceous plants) for at least 50% of the new landscaping, if any.					Mandatory	Optional

# Scope of Work Completed

- Background review of best practices
- Assessment of similar tools
- SWOT analysis of Guideline implementation
- Development of draft Guidelines in checklist form





# Sustainable Building Design Guidelines

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Energy & GHG Emissions	Water	Air	Land	Social Wellbeing	Waste	Education	Food	Community Design
Energy labelling (Energy Star, etc.)	Indoor water use	Indoor air quality	Landscaping and biodiversity	Public art	Construction waste	Promotion (green options)	Urban agriculture	Street and block patterns / design
Energy conservation	Outdoor water use	Toxic emissions (VOCs)	Tree canopy	Universal design and accessibility	Recycled / reused materials, building reuse	Communication (e.g. info packets)	Community gardens and local farmers' markets	Proximity to amenities
Renewable energy	Stormwater management	Cool roofs and green roofs	Soil quality and quantity	Affordable housing	Sustainable harvesting practices	Innovation		Pedestrian / cycling networks
Building orientation	Rainwater harvesting	EV charging	Heat island	Safety				Exterior lighting
Building envelope		Bike parking	Erosion and sediment controls					Streetscape amenities
District energy								

# Consultation

- Staff from various Departments were circulated for comment.
- Following the comment period, a draft was presented to the Development Industry Liaison Group (DILG) on April 12, 2021.
- As a result of this Report, future consultation will occur with members of the public and community stakeholders to inform the final Guidelines and implementation measures.



# Next Steps...

1. Public consultation will be initiated with residents and stakeholders on sustainable building and development standards; and,
2. Feedback from the public and stakeholders will be incorporated into the final Guidelines and inform implementation measures, which will be presented to the Planning Committee at a later date.
3. Subsequent phases: Medium and High Density Residential, Industrial, Commercial, and Institutional development.





Hamilton

THANK YOU FOR ATTENDING

THE CITY OF HAMILTON PLANNING COMMITTEE