Proposed Text Amendments – Climate Related

Grey highlighted strikethrough text = text to be deleted

Bolded text = text to be added

Policy Number	Proposed Change	Proposed New Policy		Why Change is Required
roncy Number	Froposeu Change		Provincial Conformity	Comments
		Volume 1, Chapter A - Introduction		
A.1.2	Over the next 30 years By 2051, the City is expected to grow to achieve a population of 660,000820,000 and 300,000360,000 jobs. The shape, look and feel of the City will change - influenced not only by physical growth but by economic, and demographic and climate change, as well. An aging population, a declining number of people per household, the effects of the global economy on local companies, increasing pressures on community services, <i>the</i> <i>impacts of a changing climate</i> , and urban pressure on rural resources will result in change – physical, economic and social. The City will experience many changes over the lifetime of this Plan. Change brings energy and opportunities. To effect positive change the City must harness that energy, take advantage of the opportunities, and manage any undesirable impacts. Responding to the <i>impacts of a changing climate</i> is an urgent	By 2051, the City is expected to grow to achieve a population of 820,000 and 360,000 jobs. The shape, look and feel of the City will change - influenced not only by physical growth but by economic, demographic and climate change, as well. An aging population, a declining number of people per household, the effects of the global economy on local companies, increasing pressures on community services, <i>the impacts of a changing climate</i> , and urban pressure on rural resources will result in change – physical, economic and social. The City will experience many changes over the lifetime of this Plan. Change brings energy and opportunities. To effect positive change the City must harness that energy, take advantage of the opportunities, and manage any undesirable impacts. Responding to the <i>impacts of a changing climate</i> is an urgent challenge		Update to current 2051 population and job forecasts. Acknowledge City climate emergency.

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challenge the City must face now and over the next 30 years. The City has declared a Climate Emergency and	the City must face now and over the next 30 years. The City has declared a Climate Emergency and established a	
established a goal to achieve net zero carbon emissions by 2050. The	goal to achieve net zero carbon emissions by 2050. The implications of	
implications of not responding to the	not responding to the Climate	
Climate Emergency are dire. It is	Emergency are dire. It is predicted that	
predicted that the number of very hot	the number of very hot days per year	
days per year (above 30 degree	(above 30 degree Celsius) will increase	
Celsius) will increase from an average	from an average of 16 between 1976 –	
of 16 per year between 1976 – 2005 to	2005 to an average of 37 per year. In a	
an average of 37 per year. In a high	high emissions scenario, the Province	
emissions scenario, the Province of Ontario would be anticipated to see	of Ontario would be anticipated to see an average annual temperature rise of	
an average annual temperature rise of	5.1 degrees Celsius, and Hamilton	
5.1 degrees Celsius, and Hamilton	would be anticipated to see an average	
would be anticipated to see an	annual precipitation increase of 66.7	
average annual precipitation increase	mm in the 2050s.	
of 66.7 mm in the 2050s.		
	These potentially severe consequences	
These potentially severe	of climate change reinforce that actions	
consequences of climate change	to reduce and respond to the impacts	
reinforce that actions to reduce and	of a changing climate will be required	
respond to the <i>impacts</i> of a changing	across all City departments, and will	
climate will be required across all City	include both corporate and community	
departments, and will include both corporate and community initiatives.	initiatives. A climate change lens must be applied to all planning decisions	
A climate change lens must be	going forward, as per the City's	
applied to all planning decisions	Corporate Goals and Areas of Focus	
going forward, as per the City's	for Climate Change Mitigation and	
Corporate Goals and Areas of Focus	Adaptation, to plan for a City that is	
for Climate Change Mitigation and	resilient to the impacts of a changing	
Adaptation, to plan for a City that is	climate.	
resilient to the impacts of a changing		
climate.		

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		Volume 1, Chapter B – Communities		
B.1.0	 B.1.0 INTRODUCTION The strength and quality of our communities is derived from the individual components of the built, natural, social and cultural environments, supported which supports and are further enhanced by a strong economy. This section of the Plan contains policies that direct the physical shape and quality of these distinct, yet interrelated components, and promote a culture of creativity and innovation. Health and safety in our communities is essential. Policies ensure that our communities are safe and healthy, mitigate and adapt to the <i>impacts of a changing climate</i>, improve resilience, reduce greenhouse gas emissions, and contribute to environmental sustainability. A broad interpretation of health recognizes the inter-relationships between all aspects of our environment and the impacts on the health of citizens. Policies in this section enable healthy lifestyles, promote a healthy and safe community, and promote a high quality of life. 	 B.1.0 INTRODUCTION The strength and quality of our communities is derived from the individual components of the built, natural, social and cultural environments, which supports and are further enhanced by a strong economy. This section of the Plan contains policies that direct the physical shape and quality of these distinct, yet interrelated components, and promote a culture of creativity and innovation. Health and safety in our communities is essential. Policies ensure that our communities are safe and healthy, mitigate and adapt to the <i>impacts of a changing climate</i>, improve resilience, reduce greenhouse gas emissions, and contribute to environmental sustainability. A broad interpretation of health recognizes the inter-relationships between all aspects of our environment and the impacts on the health of citizens. Policies in this section enable healthy lifestyles, promote a healthy and safe community, and promote a high quality of life. 	V PPS Policies 1.1.3.2 c) & d) Growth Plan Policy 2.1.1.4 f)	Recognizes that built, natural, social and cultural environments support and enhance the local economy. Source: Growth Management and Settlement Areas Conformity Tables.
B.3.0	B.3.0 QUALITY OF LIFE AND COMPLETE COMMUNITIES Complete communities provide convenient access to a mix of jobs, local	B.3.0 QUALITY OF LIFE AND COMPLETE COMMUNITIES Complete communities provide convenient access to a mix of jobs,	√ Matter of Interest	Acknowledge role of complete communities in responding to impacts of a changing climate and reducing GHG emissions.

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B.3.1	services and shops, a full range of housing and community facilities such as schools, recreation facilities, open space, health care facilities, <i>cultural</i> <i>facilities</i> , and more. Complete communities enable residents to meet most of their daily needs within a short distance from their homes, facilitating ease of access and use of public transit and active modes of transportation. Therefore, <i>complete communities</i> also improve air quality and reduce greenhouse gas emissions that contribute to, and worsen, the <i>impacts of a changing climate</i> . B.3.1 Strong Economy	local services and shops, a full range of housing and community facilities such as schools, recreation facilities, open space, health care facilities, <i>cultural</i> <i>facilities</i> , and more. Complete communities enable residents to meet most of their daily needs within a short distance from their homes, facilitating ease of access and use of public transit and active modes of transportation. Therefore, <i>complete communities</i> also improve air quality and reduce greenhouse gas emissions that contribute to, and worsen, the impacts of climate change. B.3.1 Strong Economy		
	 The creation of a strong economy is	 The creation of a strong economy is	Matter of Interest	
	contingent upon several key	contingent upon several key		
	interdependent factors including developing and retaining a skilled labour	interdependent factors including developing and retaining a skilled		
	force which is adaptable to changing	labour force which is adaptable to		
	technologies; providing infrastructure;	changing technologies; providing		
	creating an environment of innovation;	infrastructure; creating an environment		
	supporting and enhancing the arts and	of innovation; supporting and		
	culture sector; reducing poverty by	enhancing the arts and culture sector;		
	providing better access to education,	reducing poverty by providing better access to education, social programs,		
	social programs, improving quality of life indicators such as housing choices, and	improving quality of life indicators such		
	having abundant open spaces, good air	as housing choices, having abundant		
	quality and a stable climate.	open spaces, good air quality and a stable climate.		

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	D 2 4 45 The City shall support and	D 2 4 45 The Othershell summer and		
B.3.1.15	B.3.1.15 The City shall support and	B.3.1.15 The City shall support and	√	
	participate in multi-sectoral	participate in multi-sectoral	PPS	
	collaborations and initiatives that focus	collaborations and initiatives that focus	Policy	
	on improving Hamilton's economy	on improving Hamilton's economic,	1.2.3	
	economic, environmental, and social	environmental, and social resiliency.		
	resiliency.			
B.3.2.1.7 (New)	3.2.1.7 Promote subdivision design	3.2.1.7 Promote subdivision design		Addressing impacts of a changing climate
	and building orientation to maximize	and building orientation to maximize	PPS	through building and subdivision design.
	energy efficiency and conservation,	energy efficiency and conservation,	Policy	
	improved air quality, reduction of	improved air quality, reduction of	1.8.1 f)	
	greenhouse gas emissions and green	greenhouse gas emissions and green		
	infrastructure.	infrastructure.		
B.3.2.4.7 (New)	B.3.2.4.7 The construction of new	B.3.2.4.7 The construction of new	Growth Plan	Addressing impacts of a changing climate
	buildings and the retrofitting of the	buildings and the retrofitting of the	Policies	through building construction / design.
	existing building stock shall be	existing building stock shall be	4.2.9.1 a) &	
	encouraged to utilize locally sourced	encouraged to utilize locally sourced	b)	
	materials and to incorporate water	materials and to incorporate water	,	
	conservation and energy efficiency	conservation and energy efficiency		
	techniques, the expansion of district	techniques, the expansion of district		
	energy generation, and renewable	energy generation, and renewable		
	energy systems, through the policies	energy systems, through the policies of		
	of this Plan and other strategies.	this Plan and other strategies.		
B.3.3.1.6	B.3.3.1.6 Create places that are	B.3.3.1.6 Create places that are		
	adaptable and flexible to accommodate	adaptable and flexible to accommodate	Matter of	
	future demographic and environmental	future demographic and environmental	Interest	
	changes, including the impacts of a	changes, including the impacts of a		
	changing climate.	changing climate.		
B.3.3.1.10	B.3.3.1.10 Create urban places and	B.3.3.1.10 Create urban places and		Addressing impacts of a changing climate
	spaces that improve air quality and	spaces that improve air quality and	PPS	through urban design.
	supports active, healthy lifestyles that	supports active, healthy lifestyles that	Policies	
	reduce greenhouse gas emissions.	reduce greenhouse gas emissions.	1.1.1 i),	
	i causo grocimonos guo cimorono.		1.1.3.2 d) &	
			1.7.1 k)	
		/	1.7.1 Nj	

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		D 2 2 0 5 Diagona that are note		
B.3.3.2.5	B.3.3.2.5 Places that are safe,	B.3.3.2.5 Places that are safe,	√ DD0	
	accessible, connected and easy to	accessible, connected and easy to	PPS	
	navigate shall be created by using the	navigate shall be created by using the	Policy	
	following design applications, where	following design applications, where	1.1.3.2 e)	
	appropriate:	appropriate:	1.7.1 k)	
	a) connecting buildings and spaces	a) connecting buildings and spaces		
	through an efficient, intuitive, and safe	through an efficient, intuitive, and safe	Growth Plan	
	network of streets, roads, alleys, lanes,	network of streets, roads, alleys, lanes,	Policy	
	sidewalks, and pathways , and trails .	sidewalks, pathways, and trails.	2.2.1.4 d) iii)	
	e) providing appropriate way-finding	e) providing appropriate way-finding		
	signage considering size, placement,	signage considering size, placement,		
	and material that clearly identifies	and material that clearly identifies		
	publicly accessible landmarks,	publicly accessible landmarks,		
	pathways, intersections, cycling and	pathways, intersections, cycling and		
	transit routes, and significant natural and	transit routes, and significant natural		
	cultural heritage features;	and cultural heritage features;		
B.3.3.2.8	B.3.3.2.8 Urban design should promote	B.3.3.2.8 Urban design should	\checkmark	Addressing impacts of a changing climate
	environmental sustainability the	promote the reduction of greenhouse	Growth Plan	through urban design.
	reduction of greenhouse emissions,	emissions, ability to adapt to the	Policy	
	ability to adapt to the impacts of a	impacts of a changing climate now and	2.2.1.4 g)	
	changing climate now and in the	in the future, and protect and enhance		
	future, and protect and enhance the	the natural urban environment by:		
	natural urban environment by:	a) achieving compact development		
	a) achieving compact development	and resulting built forms that promotes		
	and resulting built forms that promotes	the reduction of greenhouse gas		
	the reduction of greenhouse gas	emissions;		
	emissions;	c) encouraging on-site storm water		
	c) encouraging on-site storm water	management and infiltration through		
	management and infiltration through the	the use of techniques and		
	use of techniques and technologies,	technologies, including storm water		
	including storm water management	management ponds, green roofs,		
	ponds, green roofs, and vegetated	vegetated swales, and other low impact		
	swales, and other low impact	development techniques and green		
	development techniques and green	infrastructure;		
	infrastructure;	d) encouraging the use of		
		Leadership in Energy and		

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	 d) encouraging the use of Leadership in Energy and Environmental Design (LEED), R-2000 Home, Passive House, Canadian Green Building Council's Zero Carbon Standard, or other environmental building rating tools and techniques that reduce energy consumption and greenhouse gas emissions for buildings and infrastructure for all development and redevelopment; e) encouraging the reduction of resource consumption in building and site development and avoiding the release of contaminants into the environment, including promoting building conservation and adaptive reuse and encouraging the use of locally sourced and reclaimed building materials to reduce the amount of embodied carbon; and, f) encouraging energy efficiency in neighbourbood design and development 	Environmental Design (LEED), R2000 Home, Passive House, Canadian Green Building Council's Zero Carbon Standard, or other environmental building rating tools and techniques that reduce energy consumption and greenhouse gas emissions for buildings and infrastructure for all <i>development</i> and <i>redevelopment</i> ; e) encouraging the reduction of resource consumption in building and site development and avoiding the release of contaminants into the environment, including promoting building conservation and <i>adaptive</i> <i>reuse and</i> encouraging the use of locally sourced and reclaimed building materials to reduce the amount of embodied carbon; f) encouraging energy efficiency in neighbourhood design and <i>development</i> as set out in Section		
	neighbourhood design and <i>development</i> as set out in Section B.3.7.1.	B.3.7.1.		
B.3.3.2.9	B.3.3.2.9 Urban design plays a significant role in the physical and mental health of our citizens. Community health and well-being shall be enhanced and supported through the following actions, where appropriate: a) creating high quality, safe streetscapes, parks, and open spaces that encourage social interaction , physical activity and <i>active</i> <i>transportation</i> ;	 B.3.3.2.9 Urban design plays a significant role in the physical and mental health of our citizens. Community health and well-being shall be enhanced and supported through the following actions, where appropriate: a) creating high quality, safe streetscapes, parks, and open spaces that encourage social interaction, physical activity and active transportation; 	√ PPS Policy 1.5.1 a)	

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B.3.3.2.10	B.3.3.2.10 Streets shall be designed not	B.3.3.2.10 Streets shall be designed	N	
0.0.0.2.10	only as a transportation network but also	not only as a transportation network but	PPS Policy	
	as important public spaces and shall	also as important public spaces and	1.5.1 a)	
	include, where appropriate:	shall include, where appropriate:		
	g) amenities and spaces that encourage	g) amenities and spaces that		
	social interaction, pedestrian activity	encourage social interaction,		
	and animate the streetscape such as	pedestrian activity and animate the		
	public gathering places, patios and	streetscape such as public gathering		
	sidewalk cafés.	places, patios and sidewalk cafés.		
B.3.3.9.6	B.3.3.9.6 Transit access shall be	B.3.3.9.6 Transit access shall be	\checkmark	
	enhanced by:	enhanced by:	Growth Plan	
	a) connecting sidewalks, open space	a) connecting sidewalks, open space	Policy	
	and trails to transit stops and shelters;	and trails to transit stops and shelters;	2.2.1.4 d) iii)	
B.3.3.10.8	B.3.3.10.8 Parking lots shall be paved	B.3.3.10.8 Parking lots shall be paved	$\sqrt{1-1}$	Encouraging green infrastructure.
	with hard surfaces to reduce dust and	with hard surfaces to reduce dust and	Matter of	5 5 5 5
	promote improved air quality. The use of	promote improved air quality. The use	Interest	
	permeable pavement systems or other	of permeable pavement systems or		
	low impact development and green	other low impact development and		
	infrastructure practices is encouraged	green infrastructure practices is		
	for storm water management, when	encouraged for storm water		
	technically possible.	management, when technically		
		possible.		
B.3.5.3.16	B.3.5.3.16 Through the preparation of	B.3.5.3.16 Through the preparation of		Referencing City's current policy document.
	secondary plans or neighbourhood	secondary plans or neighbourhood	Growth Plan	
	plans, the City shall determine the	plans, the City shall determine the	Policy	
	amount and type of park required based	amount and type of park required	2.2.1.4 d) iii)	
	on the following considerations:	based on the following considerations:	, ,	
	a) the parkland standards in Policy	a) the parkland standards in Policy		
	B.3.5.3.11	B.3.5.3.11		
	d) the feasibility of locating parks near	d) the feasibility of locating parks near		
	schools and Natural Open Spaces; and,	schools and Natural Open Spaces;		
	e) the feasibility of providing a range	e) the feasibility of providing a range of		
	of parkland spaces for all residents	parkland spaces for all residents within		
	within a safe walking distance; and,	a walking distance; and,		
	ef) site characteristics (slope, natural	f) site characteristics (slope, natural		
	features, frontage in a public road) as	features, frontage in a public road) as		

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	defined by the Landscape Manual for	defined by the Parks and Open Space		
	Parks and Open Space Development	Development Guide, adopted by		
	Guide, adopted by Council.	Council.		
B.3.5.3.20 (New)	B.3.5.3.20 The City will work with	B.3.5.3.20 The City will work with		
	Conservation Authorities, the Bruce	Conservation Authorities, the Bruce	PPS Policy	
	Trail Conservancy, the Hamilton	Trail Conservancy, the Hamilton	1.5.1 a)	
	Waterfront Trust, and other agencies	Waterfront Trust, and other agencies in		
	in the planning and development of a	the planning and development of a	Growth Plan	
	publicly accessible system of	publicly accessible system of parkland,	Policies	
	parkland, open space, and trails,	open space, and trails, including	2.2.1.4 d) iii)	
	including shorelines, in a manner that	shorelines, in a manner that	& 4.2.5.1	
	encourages good land stewardship	encourages good land stewardship		
	practices for public and private lands.	practices for public and private lands.		
	Signage shall be clearly demarcated	Signage shall be clearly demarcated		
	where public access is and is not	where public access is and is not		
	permitted.	permitted.		
B.3.6.2	B.3.6.2 Air Quality and Climate	B.3.6.2 Air Quality and Climate		
	Change	Change	PPS	
			Policies	
	Many of these goals and policies also	Many of these goals and policies also	1.7.1 k) &	
	contribute to the adaptation to climate	contribute to the adaptation to climate	1.1.3.2 c)	
	change by minimizing vulnerabilities to	change by minimizing vulnerabilities to		
	climate impacts. Prohibiting new	climate impacts. Prohibiting new		
	development on hazard lands, and	development on hazard lands, and		
	incorporating urban design features that	incorporating urban design features		
	reduce climate impacts the impacts of a	that reduce the impacts of a changing		
	changing climate on public works and	climate on public works and urban		
	urban infrastructure - roads and	infrastructure - roads and associated		
	associated infrastructure, bridges, water	infrastructure, bridges, water and waste		
	and waste water systems, and energy	water systems, and energy distribution,		
	distribution, are climate change	are climate change adaptation		
	adaptation strategies.	strategies.		

D 0 0 0 0			1	
B.3.6.2.2	B.3.6.2.2 The City shall partner and	B.3.6.2.2 The City shall partner and	N	Addressing impacts of a changing climate.
	work with other levels of governments,	work with other levels of governments,	Matter of	
	other municipalities, academics,	other municipalities, academics,	Interest	
	community groups, and as well as local	community groups, as well as local		
	industries and businesses to develop:	industries and businesses to develop:		
	a) actions that directly or indirectly	a) actions that directly or indirectly		
	improve air quality by reducing	improve air quality by reducing air		
	reduce air pollutants and greenhouse	pollutants and greenhouse gases; and,		
	gases; improve air quality, reduce and	b) a Hamilton Climate Impact		
	respond to the impacts of climate	Adaptation Plan that improves climate		
	change in the City and,	resiliency by minimizing the impacts of		
	b) a Hamilton Air Quality and Climate	a changing climate and prepares the		
	Change Climate Impact Adaptation	City and community for those impacts		
	Plan that improves climate resiliency	that are unavoidable.		
	by minimizing the <i>impacts of a</i>			
	changing climate and prepares the			
	City and community for those			
	impacts that are unavoidable.			
B.3.6.2.4	B.3.6.2.4 The City shall undertake an	B.3.6.2.4 The City shall undertake an	\checkmark	
	air pollutant and greenhouse gas	air pollutant and greenhouse gas	Growth Plan	
	emissions inventory for transportation,	emissions inventory for transportation,	Policy	
	buildings, waste and municipal	buildings, waste and municipal	4.2.10.2 a)	
	operations, and assess the conditions	operations, and assess the conditions	,	
	of Hamilton's local air quality and climate	of Hamilton's local air quality and		
	to inform actions to reduce emissions of	climate to inform actions to reduce		
	air pollutants and greenhouse gases	emissions of air pollutants and		
	generated in the City.	greenhouse gases generated in the		
	55			
	generated in the only.	City.		

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B.3.6.2.6	B.3.6.2.6 The City shall monitor and reduce energy consumption , air pollutants and greenhouse gases generated by the City's corporate activities and services to achieve the targets set out in the Corporate Energy and Sustainability Policy Air Quality and Climate Change Strategic Plan Task Force Report.	B.3.6.2.6 The City shall monitor and reduce energy consumption, air pollutants and greenhouse gases generated by the City's corporate activities and services to achieve the targets set out in the Corporate Energy and Sustainability Policy.	√ Matter of Interest	Referencing City's current policy document.
B.3.6.2.7	B.3.6.2.7 The City shall prepare an annual, or at a greater frequency as may be required, Air Quality and Climate Change report to monitor the City's progress towards achieving the actions, its goals and targets, and to increase awareness of air quality and climate change.	B.3.6.2.7 The City shall prepare an annual, or at a greater frequency as may be required, Air Quality and Climate Change report to monitor the City's progress towards achieving the actions, goals and targets, and to increase awareness of air quality and climate change.	V PPS Policy 3.1.3	
B.3.6.5	 B.3.6.5 Hazard Lands Hazard lands are lands that have an inherent risk to life or property due to a variety of natural hazards such as flooding, fire, erosion, or unexpected collapse of land. Hazard lands are areas particularly susceptible to the impacts of a changing climate, such as flooding, erosion, slope failure, or other physical conditions which are severe enough to pose a risk to residents, loss of life, property damage, and social disruption either at a specific location or to upstream or downstream lands within the watershed, if these lands were to be developed In the City of Hamilton, hazard lands are defined, mapped, and regulated by the Conservation Authorities in accordance 	B.3.6.5 Hazard Lands Hazard lands are lands that have an inherent risk to life or property due to a variety of natural hazards such as flooding, fire, erosion, or unexpected collapse of land. Hazard lands are areas particularly susceptible to the impacts of a changing climate, such as flooding, erosion, slope failure, or other physical conditions which are severe enough to pose a risk to residents, loss of life, property damage, and social disruption either at a specific location or to upstream or downstream lands within the watershed, if these lands were to be developed In the City of Hamilton, hazard lands are defined, mapped, and regulated by the Conservation Authorities in	√ PPS Policies 1.1.3.2 d) & 3.1.8	

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	with the Conservation Authorities Act.	accordance with the Conservation		
	The Niagara Escarpment Commission	Authorities Act. The Niagara		
	regulates lands that also have inherent	Escarpment Commission regulates		
	hazards through the <u>Niagara</u>	lands that also have inherent hazards	r i i i i i i i i i i i i i i i i i i i	
	Escarpment Planning and Development	through the Niagara Escarpment		
	Act. The Ministry of Natural	Planning and Development Act. The		
	Resources and Forestry maintains	Ministry of Natural Resources and		
	mapping of hazardous forest types	Forestry maintains mapping of		
	for wildland fire. However, due to the	hazardous forest types for wildland fire.		
	dynamic nature of forested areas, the	However, due to the dynamic nature of		
	condition for hazardous forest types	forested areas, the condition for		
	for wildland fire is not static and	hazardous forest types for wildland fire		
	mapping must be updated on an	is not static and mapping must be		
	ongoing basis.	updated on an ongoing basis.		
B.3.6.5.9	B.3.6.5.9 Notwithstanding Policy	B.3.6.5.9 Notwithstanding Policy		
	B.3.6.5.6, B.3.6.5.7, and B.3.6.5.8,	B.3.6.5.6, B.3.6.5.7, and B.3.6.5.8,	PPS	
	development and site alteration may be	development and site alteration may be	Policy	
	permitted on hazard lands:	permitted on hazard lands:	3.1.4 a)	
	a) in those exceptional situations where	a) in those exceptional situations		
	a Special Policy Area, under Section	where a Special Policy Area, under	_	
	3.1. 34 a) of the Provincial Policy	Section 3.1.4 a) of the Provincial Policy		
	Statement has been approved by the	Statement has been approved by the		
	Province.	Province.		
B.3.6.5.16 (New)	B.3.6.5.16 Hazardous forest types	B.3.6.5.16 Hazardous forest types for		Proposed new policy derived from
	for wildland fire are identified and	wildland fire are identified and mapped	PPS	Hazardous Forest Types for Wildland Fire
	mapped by the Ministry of Natural	by the Ministry of Natural Resources	Policy 3.1.8	Reference Manual (MNRF)
	Resources and Forestry. The City	and Forestry. The City shall maintain		
	shall maintain mapping of hazardous	mapping of hazardous forest types for		
		U		
	forest types for wildland fire to assist in the screening and assessment of development proposals.	wildland fire to assist in the screening and assessment of <i>development</i> proposals.		

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B.3.6.5.17 (New)	B.3.6.5.17 <i>Development</i> shall generally be directed to areas outside of lands that are unsafe for <i>development</i> due to the presence of <i>hazardous forest types for wildland</i> <i>fire.</i>	B.3.6.5.17 <i>Development</i> shall generally be directed to areas outside of lands that are unsafe for <i>development</i> due to the presence of <i>hazardous forest types for wildland fire</i> .	√ PPS Policy 3.1.8	Proposed new policy derived from Hazardous Forest Types for Wildland Fire Reference Manual (MNRF)
B.3.6.5.18 (New)	B.3.6.5.18 Development may however be permitted in lands with hazardous forest types for wildland fire where the risk is mitigated, in accordance with wildland fire assessment and mitigation standards.	B.3.6.5.18 <i>Development</i> may however be permitted in lands with <i>hazardous forest types for wildland fire</i> where the risk is mitigated, in accordance with <i>wildland fire</i> <i>assessment and mitigation standards</i> .	√ PPS Policy 3.1.8	Proposed new policy derived from Hazardous Forest Types for Wildland Fire Reference Manual (MNRF)
B.3.7	B.3.7 Energy and Environmental Design <i>Complete communities</i> require a mix of land uses including housing, uses which provide goods and services, and a range of transportation modes including public transit, all of which depend on energy. Energy efficiency, environmental design, <i>green infrastructure</i> , and increasing the supply of energy through <i>renewable</i> <i>energy systems</i> and <i>alternative energy</i> <i>systems</i> , benefits human and environmental health, protects the global climate, and reduces the demand for energy resources and the infrastructure needed for its production and distribution.	B.3.7 Energy and Environmental Design <i>Complete communities</i> require a mix of land uses including housing, uses which provide goods and services, and a range of transportation modes including public transit, all of which depend on energy. Energy efficiency, environmental design, <i>green</i> <i>infrastructure</i> , and increasing the supply of energy through <i>renewable</i> <i>energy systems</i> and <i>alternative energy</i> <i>systems</i> , benefits human and environmental health, protects the global climate, and reduces the demand for energy resources and the infrastructure needed for its production and distribution.	√ Matter of Interest	Encouraging green infrastructure.
B.3.7.1	B.3.7.1 The City supports energy efficient land use patterns. The policies of this Plan, in particular, Policy B.3.3.2.8, C.4.2.910 – Urban Design and	B.3.7.1 The City supports energy efficient land use patterns. The policies of this Plan, in particular, Policy B.3.3.2.8, C.4.2.10 – Urban Design and	√ PPS Policies PPS 1.1.1 f) & 2.2.2.3 d)	Renumbering of policies due to Transportation Conformity Review.

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		Operation of the state and E.O.O. 111		
	Complete Streets, and E.2.0 – Urban	Complete Streets, and E.2.0 – Urban		
	Structure, support:	Structure, support:		
	b) development of mixed use urban	b) development of mixed use urban		
	environments that remove land use	environments that remove land use		
	barriers to improve accessibility for	barriers to improve accessibility for		
	persons with disabilities and older	persons with disabilities and older		
	persons and support public transit and	persons and support public transit and		
	active transportation;	active transportation;		
B.3.7.2	B.3.7.2 The City shall support prepare	B.3.7.2 The City shall prepare for the	V	Encouraging green building standards.
	for the impacts of a changing climate	impacts of a changing climate by	PPS	
	by encouraging energy efficient and	encouraging energy efficient and	Policy	
	environmental designed development	environmental designed development	1.1.3.2 d)	
	and redevelopment through:	and <i>redevelopment</i> through:		
	b) the use of environmental building	b) the use of environmental building	Growth Plan	
	rating systems such as certification	rating systems such as certification	Policies	
	under the Leadership in Energy and	under the Leadership in Energy and	1.2.9.1 b)	
	Environmental Design (LEED) program,	Environmental Design (LEED) program,	iii.,	
	R-2000 Home, Passive House,	R-2000 Home, Passive House,	4.2.9.1 b) ii.	
	Canadian Green Building Council's	Canadian Green Building Council's	& 4.2.9.1 b)	
	Zero Carbon Standard, or an	Zero Carbon Standard, or an	iii.	
	equivalent rating system or building	equivalent rating system or building		
	techniques for upgrading/retrofitting of	techniques for upgrading/retrofitting of		
	existing <i>development</i> and new	existing development and new		
	development;	development;		
	g) designs that encourage sustainable	g) designs that encourage sustainable		
	forms of transportation, including active	forms of transportation, including active		
	transportation, transit, as well as	transportation, transit, as well as		
	alternative fuel and energy conserving	alternative fuel and energy conserving		
	vehicles;	vehicles;		
	h) designs that facilitate	h) designs that facilitate		
	cooperation/joint energy efficiency	cooperation/joint energy efficiency		
	between developments to optimize the	between developments to optimize the		
	efficient use of resources, including	efficient use of resources, including		
	district energy systems;	district energy systems;		
	i) energy conservation initiatives,	i) energy conservation initiatives,		
	including energy demand management;	including energy demand management;		
	including energy demand management,	molualing energy demand management,		

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B.3.7.3 (New)	 j) water and storm water conservation/management practices such as green roofs, water recycling systems, urban storm water swales, etc.; jk) promoting building conservation and adaptive reuse; kl) encouraging the use of locally sourced and reclaimed building materials to reduce the amount of embodied carbon; im) pilot projects and community energy plans as appropriate; and, mn) other environmental development standards that encourage energy efficiency and environmental design as contained in the City's approved engineering policies and standards and master planning studies, and are supported by the City's financial incentive programs. Insert new Policy B.3.7.3 and renumber subsequent policies. B.3.7.3 The City shall develop and update Sustainable Building and Development conductions 	 j) water and storm water conservation/management practices such as green roofs, water recycling systems, urban storm water swales, etc.; k) promoting building conservation and <i>adaptive reuse</i>; l) encouraging the use of locally sourced and reclaimed building materials to reduce the amount of embodied carbon; m) pilot projects and <i>community energy plans</i> as appropriate; and, n) other environmental development standards that encourage energy efficiency and environmental design as contained in the City's approved engineering policies and standards and master planning studies, and are supported by the City's financial incentive programs. B.3.7.3 The City shall develop and update a sustainable building checklist to promote energy efficient <i>development</i> and <i>redevelopment</i> proposals, and implement the Cuidence the development 	√ Matter of Interest	Reference to development of Sustainable Building and Development Guidelines.
D.0.7.0 (NOW)	subsequent policies. B.3.7.3 The City shall develop and update Sustainable Building and Development Guidelines to promote energy efficient <i>development</i> and <i>redevelopment</i> proposals, and implement the Guidelines through the	update a sustainable building checklist to promote energy efficient <i>development</i> and <i>redevelopment</i>	Matter of	
B.3.7.3 (Existing)	development approvals process. B.3.7.34 Corporately, the City shall support energy efficiency by: a) complying with the Corporate Energy and Sustainability Policy,	B.3.7.4 Corporately, the City shall support energy efficiency by:a) complying with the Corporate Energy and Sustainability Policy,	√ Matter of Interest	Updated references to City documents.

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	including its energy and greenhouse gas targets and implementing the City's approved Corporate Energy Policy Goals and Areas of Focus for Climate Change Mitigation and Adaptation, as set out in the Corporate Climate Change Task Force Report; c) supporting City and City/private partnership pilot projects which are energy efficient and have good environmental design, such as district energy generation;	 including its energy and greenhouse gas targets and implementing the City's approved Corporate Goals and Areas of Focus for Climate Change Mitigation and Adaptation, as set out in the Corporate Climate Change Task Force Report; c) supporting City and City/private partnership pilot projects which are energy efficient and have good environmental design, such as district energy generation; 		
B.3.7.4	Increased Energy Supply B.3.7.45 The City shall promote increasing the supply of energy and in particular, the supply of sustainable energy by: a) permitting energy generation facilities to meet existing and planned needs, including district energy, renewable energy systems and alternative energy systems, both as principal and accessory uses. These facilities shall be permitted in all land use designations subject to the other relevant policies of this Plan, Policy B.3.7.3, compatibility with the surrounding land uses, and in accordance with the provisions of the Zoning By-law; and, b) working jointly with the Province to investigate the need, feasibility, implications and suitable locations for solar, wind, and bio-energy projects and to promote local clean energy	 Increased Energy Supply B.3.7.4 The City shall promote increasing the supply of energy and in particular, the supply of sustainable energy by: a) permitting energy generation facilities to meet existing and planned needs, including district energy, renewable energy systems and <i>alternative energy systems</i>, both as principal and <i>accessory</i> uses. These facilities shall be permitted in all land use designations subject to the other relevant policies of this Plan, Policy B.3.7.3, <i>compatibility</i> with the surrounding land uses, and in accordance with the provisions of the Zoning By-law; and, b) working jointly with the Province to investigate the need, feasibility, implications and suitable locations for solar, wind, and bio-energy projects 	√ PPS Policy 1.6.11.1	Legislation referenced has been repealed.

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	generation, where appropriate, and in	and to promote local clean energy		
	accordance with the Green Energy and			
	Green Economy Act, 2009.	generation, where appropriate.		
		Deleted in its antiasty		
B.3.7.7	B.3.7.7 Renewable energy	Deleted in its entirety.		Legislation referenced has been repealed.
	undertakings are exempted from			
	Planning Act, R.S.O., 1990 c. P.13			
	approvals in accordance with Schedule			
	K of the Green Energy and Green			
	Economy Act, 2009. These undertakings			
	shall be subject to the Green Energy and			
	Green Economy Act, 2009 and other			
	provincial approvals.			
B.3.7.8 (New)	Other Energy and Environmental	Other Energy and Environmental		Excess soil policies.
	Matters	Matters	PPS Policy	
	B.3.7.8 Development, redevelopment	B.3.7.8 Development, redevelopment	3.2.3	
	and site alteration activities shall	and site alteration activities shall		
	incorporate best management	incorporate best management practices	Growth	
	practices regarding the use of excess	regarding the use of excess soil and fill,	Plan, Policy	
	soil and fill, including the following:	including the following:	4.2.9.3	
	a) any excess soil is reused on-site	a) any excess soil is reused on-site or		
	or locally to the maximum extent	locally to the maximum extent possible		
	possible and, where feasible, excess	and, where feasible, excess soil reuse		
	soil reuse planning is undertaken	planning is undertaken concurrently		
	concurrently with development	with development planning and design;		
	planning and design;	b) appropriate sites for excess soil		
	b) appropriate sites for excess soil	storage and processing are permitted		
	storage and processing are permitted	close to areas where proposed		
	close to areas where proposed	development is concentrated or areas		
	development is concentrated or areas	of potential soil reuse; and,		
	of potential soil reuse; and,	c) fill quality received and fill placement		
	c) fill quality received and fill	at a site will not cause an adverse effect		
	placement at a site will not cause an	with regard to the current or proposed		
	adverse effect with regard to the	use of the property or the natural		
	current or proposed use of the	environment and is compatible with		
	property or the natural environment	adjacent land uses.		
	property of the natural cristionment			

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	and is compatible with adjacent land uses.			
	Volume 1,	Chapter C – City-Wide Systems and Des	signations	
C.5.3.17 (New)	 C.5.3.17 The City shall implement actions and strategies that will reduce greenhouse gas emissions and address climate change adaptation goals, including but not limited to: a) assessing <i>infrastructure</i> risks and vulnerabilities and identify actions and investments to address these challenges; and, b) undertaking stormwater management monitoring, analysis and planning that assess the <i>impacts</i> of a changing climate and incorporate the appropriate actions, which may include green infrastructure and low 	 C.5.3.17 The City shall implement actions and strategies that will reduce greenhouse gas emissions and address climate change adaptation goals, including but not limited to: a) assessing <i>infrastructure</i> risks and vulnerabilities and identify actions and investments to address these challenges; and, b) undertaking stormwater management monitoring, analysis and planning that assess the <i>impacts of a changing climate</i> and incorporate the appropriate actions, which may include green infrastructure and low impact 	√ Growth Plan Policy 4.2.10.1 c)	Addressing impacts of a changing climate through assessing infrastructure risk and vulnerability and use of low impact development and green infrastructure.
C.5.6 (New Section)	impact development.C.5.6Green InfrastructureIncreasing the amount of greeninfrastructure in the City is a cost-effective, resilient approach toreducing the impacts of a changingclimate and provides a range ofenvironmental, social and economicbenefits.	development. C.5.6 Green Infrastructure Increasing the amount of green infrastructure in the City is a cost- effective, resilient approach to reducing the impacts of a changing climate and provides a range of environmental, social and economic benefits.	√ PPS Policy 1.6.2.	Encouraging green infrastructure.
C.5.6.1	C.5.6.1 The City will encourage the use of green infrastructure in accordance with Section B.3.3 – Urban Design, including but not limited to: a) the incorporation of <i>low impact</i> <i>development</i> techniques, such as:	 C.5.6.1 The City will encourage the use of green infrastructure in accordance with Section B.3.3 – Urban Design, including but not limited to: a) the incorporation of <i>low impact development</i> techniques, such as: i) rainwater harvesting, rain gardens, and bioswales; 	√ PPS Policies 1.6.2. & 1.8.1 f)	Encouraging green infrastructure.

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	 i) rainwater harvesting, rain gardens, and bioswales; ii) permeable pavements; and, iii) green roofs. b) increasing the urban tree canopy through approval and implementation of the City's Urban Forest Strategy referenced in Section C.2.11 – Tree and Woodland Protection, and; c) land conservation efforts in coordination with the local Conservation Authorities. 	 ii) permeable pavements; and, iii) green roofs. b) increasing the urban tree canopy through approval and implementation of the City's Urban Forest Strategy referenced in Section C.2.11 – Tree and Woodland Protection, and; c) land conservation efforts in coordination with the local Conservation Authorities. 		
		Volume 1, Chapter F – Implementation		
Table F.1.19.1	That Table F.1.19.1: Other Information and Materials be amended by adding the following row under Section 4 – Environmental: aa) Wildland Fire Assessment	aa) Wildland Fire Assessment	√ PPS Policy 3.1.8	
F.3.4.5	3.4.5 Targets for Air Quality and Climate Change Mitigation and Adaptation	3.4.5 Targets for Air Quality and Climate Change Mitigation and Adaptation		
F.3.4.5.1	F.3.4.5.1 The City's objective is to increase the number of good air quality days, where the Province's Air Quality Health Index (AQHI) is less than 30 7, and to meet all federal and provincial Ambient Air Quality Criteria. The City also has objectives to achieve both corporate and community-wide greenhouse emission reduction targets that align with the Intergovernmental Panel on Climate Change's (IPCC) Special Report on Global Warming of 1.5° C recommendations over the lifetime of	F.3.4.5.1 The City's objective is to increase the number of good air quality days, where the Province's Air Quality Health Index (AQHI) is less than 7, and to meet all federal and provincial Ambient Air Quality Criteria. The City also has objectives to achieve both corporate and community-wide greenhouse emission reduction targets that align with the Intergovernmental Panel on Climate Change's (IPCC) Special Report on Global Warming of 1.5° C recommendations.	√ Matter of Interest	Will update targets in future, as needed.

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	this Plan, by encouraging and			
	undertaking actions to reduce			
	greenhouse gas emissions towards the			
	following locally established targets.	50450.0	1	
F.3.4.5.2 (New)	F.3.4.5.2 Corporate greenhouse gas	F.3.4.5.2 Corporate greenhouse gas		
	emissions are those emissions that	emissions are those emissions that the	Matter of	
	the City has direct control over and	City has direct control over and are	Interest	
	are generated from municipal	generated from municipal operations		
	operations such as corporate fleet	such as corporate fleet vehicles,		
	vehicles, corporate buildings, water	corporate buildings, water and		
	and wastewater distribution and	wastewater distribution and treatment.		
	treatment.			-
Table F.3.4.2	Delete Table F.3.4.2 title and contents in	Table F.3.4.2: Hamilton's Corporate		Targets reflect the City's Corporate Energy
	their entirety and replace with the	Greenhouse Gas Emission Reduction	Growth Plan	and Sustainability Policy, approved by
	following text:	Targets	Policy	Council in February 2021.
	Table F.3.4.2: Hamilton's Corporate	2030 – 50% reduction of 2005 emission	4.2.10.2 c)	
	Greenhouse Gas Emission Reduction	levels		
	Targets	2050 – 50% reduction of 2005 emission		
	2030 – 50% reduction of 2005	levels		
	emission levels			
	2050 – 50% reduction of 2005			
	emission levels			
F.3.4.5.3 (New)	F.3.4.5.3 Community greenhouse	F.3.4.5.3 Community greenhouse gas	\checkmark	
	gas emissions are those emissions	emissions are those emissions that are	Matter of	
	that are outside the City's direct	outside the City's direct control and are	Interest	
	control and are generated from	generated from community sources of		
	community sources of emissions	emissions such as personal vehicles,		
	such as personal vehicles, privately	privately owned buildings, industry, and		
	owned buildings, industry, and	agriculture.		
	agriculture.			
Table F.3.4.3	Table F.3.4.3: Hamilton's Community	Table F.3.4.3: Hamilton's Community	\checkmark	These targets are expected to be updated
(New)	Greenhouse Gas Emission Reduction	Greenhouse Gas Emission Reduction	Matter of	when the Community Energy and Emissions
	Targets	Targets	Interest	Plan is endorsed by Council. Staff
	2020 – 20% reduction of 2006	2020 – 20% reduction of 2006		anticipating this may happen Spring 2022.
	emissions levels	emissions levels		

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	2030 – 50% reduction of 2006 emission levels	2030 – 50% reduction of 2006 emission levels		Targets updates may be brought forward with the Local Context phase of the Official
	2050 – 80% reduction of 2006	2050 – 80% reduction of 2006 emission		Plan Review. Additional policies may also
	emission levels	levels	r	be incorporated into this section at that time.
F.3.4.5.4 (New)	F.3.4.5.2 The City, in collaboration	F.3.4.5.2 The City, in collaboration		
	with external stakeholders and	with external stakeholders and partners	Growth Plan	
	partners shall track, analyze and	shall track, analyze and report on	Policy	
	report on Hamilton's progress on	Hamilton's progress on achieving its	4.2.10.2 b)	
	achieving its targets through an	targets through an annual greenhouse		
	annual greenhouse gas inventory for	gas inventory for emissions from		
	emissions from transportation,	transportation, buildings, industry,		
	buildings, industry, water and waste	water and waste management,		
	management, agriculture and	agriculture and municipal operations.		
	municipal operations.			