Urban Hamilton Official Plan Amendment No. X

The following text, together with:

<table>
<thead>
<tr>
<th>Appendix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appendix 1</td>
<td>Section E.5.5 Airport Employment Growth District</td>
</tr>
<tr>
<td>Appendix 2</td>
<td>Schedule A Provincial Plans</td>
</tr>
<tr>
<td>Appendix 3</td>
<td>Schedule B Natural Heritage System</td>
</tr>
<tr>
<td>Appendix 4</td>
<td>Schedule B-1 Detailed Natural Heritage Features Life Science ANSI</td>
</tr>
<tr>
<td>Appendix 5</td>
<td>Schedule B-2 Detailed Natural Heritage Features Significant Woodlands</td>
</tr>
<tr>
<td>Appendix 6</td>
<td>Schedule B-4 Detailed Natural Heritage Features Key Hydrologic Features</td>
</tr>
<tr>
<td>Appendix 7</td>
<td>Schedule B-5 Detailed Natural Heritage Features Lakes and Littoral Zones</td>
</tr>
<tr>
<td>Appendix 8</td>
<td>Schedule B-6 Detailed Natural Heritage Features Environmentally Significant Areas</td>
</tr>
<tr>
<td>Appendix 9</td>
<td>Schedule B-7 Detailed Natural Heritage Features Local Natural Area Earth Science ANSI</td>
</tr>
<tr>
<td>Appendix 10</td>
<td>Schedule B-8 Detailed Natural Heritage Features Key Hydrologic Features Streams</td>
</tr>
<tr>
<td>Appendix 11</td>
<td>Schedule C Functional Road Classifications</td>
</tr>
<tr>
<td>Appendix 12</td>
<td>Schedule E Urban Structure</td>
</tr>
<tr>
<td>Appendix 13</td>
<td>Schedule E-1 Urban Land Use Designations</td>
</tr>
<tr>
<td>Appendix 14</td>
<td>Schedule F Airport Influence Area</td>
</tr>
<tr>
<td>Appendix 15</td>
<td>Schedule G Local Housing Market</td>
</tr>
<tr>
<td>Appendix 16</td>
<td>Appendix A Parks Classification</td>
</tr>
<tr>
<td>Appendix 17</td>
<td>Appendix B Major Transportation Facilities and Routes</td>
</tr>
<tr>
<td>Appendix 18</td>
<td>Appendix D Noise Exposure Forecast Contours and Primary Airport Zoning Regulations</td>
</tr>
<tr>
<td>Appendix 19</td>
<td>Appendix E Contaminated Sites</td>
</tr>
<tr>
<td>Appendix 20</td>
<td>Appendix F Cultural Heritage Resources</td>
</tr>
<tr>
<td>Appendix 21</td>
<td>Appendix F-1c Specific Cultural Heritage Resources</td>
</tr>
<tr>
<td>Appendix 22</td>
<td>Appendix F-4 Archaeological Potential</td>
</tr>
<tr>
<td>Appendix 23</td>
<td>Appendix G Boundaries Map</td>
</tr>
<tr>
<td>Appendix 24</td>
<td>Volume 2 Chapter B Secondary Plan</td>
</tr>
<tr>
<td>Appendix 25</td>
<td>Volume 2 Appendix “A”</td>
</tr>
<tr>
<td>Appendix 26</td>
<td>Volume 3 Map 1</td>
</tr>
<tr>
<td>Appendix 27</td>
<td>Volume 3 Map 2</td>
</tr>
<tr>
<td>Appendix 28</td>
<td>Volume 2 Chapter B, Map B.8-1 - Airport Employment Growth District Secondary Plan-Land Use Plan</td>
</tr>
<tr>
<td>Appendix 29</td>
<td>Volume 2 Chapter B, Map B.8-2 - Airport Employment Growth District Secondary Plan-Natural Heritage System</td>
</tr>
</tbody>
</table>
attached hereto, constitutes Official Plan Amendment No. to the Urban Hamilton Official Plan;

1.0 Purpose:

The purpose of the amendment is:

1. to amend the urban boundary to add new Employment lands (AEGD designation) to the urban area; and,

2. to include a new secondary plan for the Airport Employment Growth District. The Plan includes both maps and policies for employment land use designations natural and cultural heritage, infrastructure, transportation, eco-industrial, urban design and phasing of development.

The effect of the Amendment is to provide for future redevelopment employment uses until 2031.

2.0 Location:

The Airport Employment Growth District Secondary Plan Area applies to lands generally bounded by Upper James Street on the east, Twenty Road West and Gamer Road East on the north, Highway 6 by-pass (excluding Greenbelt Lands) on the west and south.

The lands to be included in the urban area are a portion of the Secondary Plan area and are generally located south of Gamer Road and Twenty Road, east and north of Hwy 6, west of Upper James Street and Glancaster Road.

3.0 Basis:

The basis for permitting these Amendments is:

- The City requires additional employment land to meet its 2031 employment growth forecasts;

- More specific policies and designations are required to implement the vision and goals of the Airport Employment Growth District as an eco-industrial
business park; and,

- The ultimate build out of the Airport Employment Growth District will be determined by the phasing policies within the secondary plan.

4.0 Changes

4.1 Volume 1 - Parent Plan

Text

4.1.1 Section E.1.0 - Goals

a. That Section E.1.0-Goals be modified by adding the following new goal:

"l) Protect land adjacent to John C. Munroe Airport for future expansion."

4.1.2 Chapter E- Urban Systems and Designations

a. That Chapter E- Urban Systems and Designations be amended adding a new designation as Section E.7 Airport Reserve as follows:

E.7.0 Airport Reserve

The Official Plan contemplates the airport shall require additional lands to provide for runway expansions and airfield operations during the lifetime of this Plan to ensure the long-term viability of the airport and that interim land uses are not appropriate which might create conflicts with the feasible expansion of the airport. As a result, certain lands must be reserved specifically for the airport’s future needs.

7.1 The lands designated as Airport Reserve shall be subject to the policies of Volume 2-Section B.8- Airport Employment Growth District.

4.1.3 Section E.5-Employment Area Designations

a. That Policy E.5.1.1 be amended by adding “and the Airport Employment Growth District.” to the end of the policy, so the policy reads as follows:

“Recognize and support the contribution of older industrial areas and existing and newly developing business parks, such as the West Hamilton Innovation District and the Airport Employment Growth District.”

b. That Policy E.5.2.1c) be amended by deleting “Airport Business Park” and replacing it with Airport Employment Growth District so the policy reads as follows:
c) Employment Area – Airport Business Park Airport Employment Growth District; and,”

c. That Policy E.5.2.7.1 be amended by deleting “Airport Business Park” and replacing it with Airport Employment Growth District so the policy reads as follows:


d. That Section E.5.5-Airport Business Park be deleted in its entirety and replaced with the following new Section, attached as Appendix “1” to this Amendment.

Schedules and Appendices

4.2.1 Schedules

a. That urban boundary be amended and the lands be included in the urban area for the following schedules, attached as Appendices 2, 4, 8, 9:

<table>
<thead>
<tr>
<th></th>
<th>Schedule</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Schedule A</td>
<td>Provincial Plans (Appendix 2)</td>
</tr>
<tr>
<td>2</td>
<td>Schedule B-1</td>
<td>Detailed Natural Heritage Features Life Science ANSI (Appendix 4)</td>
</tr>
<tr>
<td>3</td>
<td>Schedule B-6</td>
<td>Detailed Natural Heritage Features Environmentally Significant Areas (Appendix 8)</td>
</tr>
<tr>
<td>4</td>
<td>Schedule B-7</td>
<td>Detailed Natural Heritage Features Local Natural Area Earth Science ANSI (Appendix 9)</td>
</tr>
</tbody>
</table>

b. That Schedule B-Natural Heritage System be amended by changing the urban boundary, and including the natural heritage system features in the urban area, as shown on Appendix “3”;

c. That Schedule B-2- Detailed Natural Heritage Features Significant Woodlands be amended by changing the urban boundary and including the significant woodlands in the urban area, as shown on Appendix “5”;

d. That Schedule B-4- Detailed Natural Heritage Features Key Hydrologic Features be amended by changing the urban boundary and including wetlands in the urban area, as shown on Appendix “6”;

e. That Schedule B-5- Detailed Natural Heritage Features Lakes and Littoral Zones be amended by changing the urban boundary and including lake and littoral zones in the urban area, as shown on Appendix “7”;

Appendix “C” to PED10153a/FCS10062a/PW10080
f. That Schedule B-8- Detailed Natural Heritage Features Key Hydrologic Features Streams be amended by changing the urban boundary and including the streams in the urban area, as shown on Appendix “10”;

g. That Schedule C-Functional Road Classifications be amended by changing the urban boundary, adding the lands to the urban area and identifying the appropriate road classification, as shown on Appendix “11”;

h. That Schedule C-2 be modified to include the following new roads and associated widenings

<table>
<thead>
<tr>
<th>Road</th>
<th>From</th>
<th>To</th>
<th>Future Right-of-Width (metre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dickenson Road West</td>
<td>Glancaster Road</td>
<td>Highway 6</td>
<td>30.480</td>
</tr>
<tr>
<td>Glancaster Road</td>
<td>Gamer Road/Rymal</td>
<td>South of Dickenson Rd West</td>
<td>26.213</td>
</tr>
<tr>
<td>Upper James Street</td>
<td>Rymal Road</td>
<td>150 north of new Highway # 6 S</td>
<td>45.000</td>
</tr>
<tr>
<td>Twenty Road West &amp; E</td>
<td>Glancaster Road</td>
<td>Miles Road</td>
<td>26.2128</td>
</tr>
</tbody>
</table>

i. That Schedule E-Urban Structure be amended by changing the urban boundary, adding the lands to the urban area and identifying them as “Employment Area”, as shown on Appendix “12”;

j. That Schedule E-1-Urban Land Use Designations be amended by changing the urban boundary, adding the lands to the urban area and designating them:

   a. Employment Area-Airport Employment Growth District;
   b. Open Space; and,
   c. Airport Reserve;

as shown on Appendix “13”;

k. That a new Schedule be added as Schedule F-Airport Influence Area, as shown on Appendix “14”;

l. That Schedule G- Local Housing Market be amended by changing the urban boundary and including the lands in the Ancaster, Glanbrook and Flamborough Local Housing Market Zones, as shown on Appendix “15”;

4.2.2 Appendices
a. That urban boundary be amended and the lands be included in the urban area for the following Appendices, attached as Appendices 17, 18, 19, 20, 21 and 22

<table>
<thead>
<tr>
<th></th>
<th>Appendix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Appendix B</td>
<td>Major Transportation Facilities and Routes (Appendix 17)</td>
</tr>
<tr>
<td>2</td>
<td>Appendix D</td>
<td>Noise Exposure Forecast Contours and Primary Airport Zoning Regulations (Appendix 18)</td>
</tr>
<tr>
<td>3</td>
<td>Appendix E</td>
<td>Contaminated sites (Appendix 19)</td>
</tr>
<tr>
<td>4</td>
<td>Appendix F</td>
<td>Cultural Heritage Resources (Appendix 20)</td>
</tr>
<tr>
<td>5</td>
<td>Appendix F-1c</td>
<td>Specific Cultural Heritage Resources (Appendix 21)</td>
</tr>
<tr>
<td>6</td>
<td>Appendix F-4</td>
<td>Archaeological Potential (Appendix 22)</td>
</tr>
</tbody>
</table>

b. That Appendix A - Parks Classification (Outside of secondary plan areas) be amended by changing the urban boundary and including the lands as the Airport Employment Growth District Secondary Plan, as shown on Appendix “16”;

c. That Appendix G Boundaries Map (Built Boundary and Central Area Boundary) be amended by adding the urban boundary, adding the Airport as Built Up area and to identify those lands that are not subject of the built boundary or built-up area, as shown on Appendix “23”;

### 4.2 Volume 2 - Secondary Plans

**Text**

4.2.1 That Chapter B - Secondary Plan of Volume 2 be amended by adding the following new secondary plan for the Airport Employment Growth District as Section B.8.1, attached as Appendix “24” to this Amendment

**Map**

4.2.2 That Volume 2: Appendix “A” be amended by changing the urban boundary and including the lands as the Airport Employment Growth District Secondary Plan, attached as Appendix “25” to this Amendment.

4.2.3 That Volume 2, Chapter B be amended by adding the following new maps and appendix from the Airport Employment Growth District Secondary Plan as follows:

a) Map B.8-1- Airport Employment Growth District Secondary Plan-Land Use Plan), as shown on Appendix “28” to this Amendment;

b) Map B.8-2- Airport Employment Growth District Secondary Plan- Natural Heritage System) as shown on Appendix “29” to this Amendment;
c) Map B.8-3- Airport Employment Growth District Secondary Plan-Road Classification), as shown on Appendix “30” to this Amendment;

d) Map B.8-4- Airport Employment Growth District Secondary Plan-Phasing, as shown on Appendix “31” to this Amendment and,

e) Appendix “A”- Airport Employment Growth District Secondary Plan-Transit route and Trails) as shown on Appendix “32” to this Amendment.

4.3 **Volume 3- Special Policy Areas, Area Specific Policies and Site Specific Policies**

**Text**

4.3.1 That Volume 3, Chapter C-Urban Site specifics be amended by deleting UGE-1-Lands located on the south side of Dickenson Road, between Glancaster Road and Highway No.6, Part of Lots 2 and 3, Concession 3, former Township of Glanbrook.

**Map**

4.3.2 That Volume 3: Map 1 be amended by adding the urban boundary, attached as Appendix “26” to this Amendment

4.3.3 That Volume 3: Map 2 be amended by adding the urban boundary and deleting UGE-1, attached as Appendix “27” to this Amendment.

5.0 **Implementation:**

An implementing Zoning By-Law Amendment, site plan and subdivisions will give effect to the intended uses on the subject lands.

**This is Schedule “1” to By-law No. _____ passed on the day of, 2010.**

The City of Hamilton

Fred Eisenberger ___________________________ Rose Caterini ___________________________
MAYOR CITY CLERK
5.5 Employment Area – Airport Employment Growth District Designation

5.5.1 The following uses shall be permitted on lands designated Employment Area – Airport Employment Growth District on Schedule E-1 – Urban Land Use Designations and in accordance with the Airport Employment Growth District Secondary Plan:

a) manufacturing, warehousing, repair service, transportation terminals, research and development, high technology industry, fuel storage, communication establishments, and private power generation. Salvage yards and other uses which are unsightly or otherwise incompatible with the design policies and image for business parks shall be prohibited;

b) airport-related industrial uses, including airport transportation and cargo services, benefiting from proximity to airport services;

c) airport-related business uses, including hotels and motels, convention and exposition centres, labour association halls, trade schools, restaurants, catering services, commercial motor vehicle and equipment sales, and commercial rental establishments, automobile rental, leasing and servicing, taxi terminals, commercial parking facilities and financial institutions;

d) office;

e) post secondary school;

f) accessory uses, such as restaurants and office; and,

g) ancillary uses which primarily support businesses and employees within business parks, including, hotels, fitness and health facilities, financial establishments, restaurants, personal services, and gas bar, car washes commercial parking facilities.

5.5.2 The following uses shall only be permitted as temporary uses on lands designated Employment Area – Airport Employment Growth District on Schedule E-1 – Urban Land Use Designations:

a) agricultural uses, excluding intensive livestock operations; and,

b) golf courses and associated ancillary uses.

Scale

5.5.3 The size of the offices within the Employment Area – Business Park designation shall be determined by the Zoning By-law but shall not exceed 9,999 square metres per free standing building.
5.4.4 Ancillary uses shall only be permitted at strategic locations and may contain a gross floor area restriction, as identified in the Airport Employment Growth District Secondary Plan.

Other Policies

5.5.5 The Airport Employment Growth District shall be developed in phases, as described in the Airport Employment Growth District Secondary Plan.

5.5.6 The Airport Business Park shall be developed in a coordinated and comprehensive manner. Wherever possible, development shall have regard to reducing the number of access points to the major boundary and major internal roadways, and to providing efficient internal traffic circulation, adequate off-street parking and loading facilities, adequate restrictions and screening of outside storage, and adequate landscaping and buffering requirements.

5.5.7 All existing residential uses within the Airport Employment Growth District shall be ultimately be redeveloped in compliance with the use permitted in Policy E.5.5.1, and all other relevant policies of this Plan.

5.5.8 All development in the Airport Employment Growth District shall be adequately separated, screened and buffered from existing residential and institutional uses in or abutting the Airport Employment Growth District.

5.5.9 All development in the Airport Employment Growth District shall comply with Sections B.3.5.6 – Noise, Vibration and Emissions and C.4.8 – Airport.
Hamilton Airport Employment Growth District
Secondary Plan

Final Draft

August 19, 2010
Appendix "C" to PED10153a/FCS10062a/PW10080
Page 33 of 78
Appendix “24” to OPA xx(u)

Table of Contents

B.8.0 Airport Employment Growth District Secondary Plan................................................................. 3

8.1 General..................................................................................................................................... 3
8.2 Vision and Principles ............................................................................................................... 4
8.3 General Policies....................................................................................................................... 9
8.4 Employment Area Policies ................................................................................................... 10
8.5 Natural Open Space ............................................................................................................... 16
8.6 Utility ........................................................................................................................................ 16
8.7 Airport Reserve ....................................................................................................................... 17
8.8 Water Resources and Stormwater Management ................................................................ 18
8.9 Transportation ........................................................................................................................ 19
8.10 Infrastructure ........................................................................................................................ 22
8.11 Natural Heritage System ................................................................................................... 22
8.12 Heritage ................................................................................................................................ 22
8.13 Eco-Industrial Design and Urban Design Policies ............................................................. 23
8.14 Energy and Environmental Assessment Report ............................................................... 30
8.15 Implementation .................................................................................................................... 31
8.16 Site Specific Policies ............................................................................................................ 32

GLOSSARY..................................................................................................................................................... 34

Map B.8-1 – Airport Employment Growth District Land Use Plan

Map B.8-2 – Airport Employment Growth District Natural Heritage System

Map B.8-3 – Airport Employment Growth District Road Classification Map

Map B.8-4 – Airport Employment Growth District Phasing Plan

Appendix ‘A’ – Airport Employment Growth District Transit and Trails
B.8.0 AIRPORT EMPLOYMENT GROWTH DISTRICT SECONDARY PLAN

The Airport Employment Growth District encompasses approximately 1,340 hectares of land (excluding the Greenbelt and the John C. Munro Hamilton International Airport) located in the west end of Glanbrook, extending between Gamer Road / Twenty Road West in the north and Carluke Road East / White Church Road in the south, Fiddler’s Green Road in the west and Upper James Street in the east.

The policies of this Section B.8.0, in conjunction with Map B.8-1 – Airport Employment Growth District Land Use Plan, Map B.8-2 – Airport Employment Growth District Natural Heritage System, Map B.8-3 – Airport Employment Growth District Road Classification Map, Map B.8-4 – Airport Employment Growth District Phasing Plan, and Appendix ‘A’ constitute the Airport Employment Growth District Secondary Plan. It establishes the phasing, specific land uses, the transportation network, infrastructure requirements, design principles and development standards to guide the development and/or redevelopment of lands in the Airport Employment Growth District. The principles, objectives, and policies of the Airport Employment Growth District Secondary Plan, as well as the policies of the Official Plan, provide guidance and direction for future development of the Secondary Plan Area.

8.1 General

The Airport Employment Growth District is guided by this Secondary Plan and has been designed to provide for a major business park development which effectively integrates with and complements the existing John C. Munro Hamilton International Airport, effectively integrates with the residential development abutting Gamer Road / Twenty Road, recognizes and allows for certain existing land uses to continue until such time that they are redeveloped, as well as respects and enhances the prominent natural areas throughout the Secondary Plan area. The planned development includes 97 net developable hectares in the existing airport business park plus an urban expansion comprising 662 net developable hectares of land, in accordance with a land needs analysis and Environmental Assessments.

The Airport Employment Growth District is intended to offer a range of employment and employment-related land uses in the context of an eco-industrial park. In general, this eco-industrial park concept provides for prestige industrial, light industrial and airport-related business development which has an environmental footprint that is managed through a range of urban design and sustainable design techniques. It also allows for the land use and character of surrounding lands to be protected.

The Airport Employment Growth District provides the opportunity to create a new employment area which improves live-work ratios in the City and helps meet provincial employment targets for the City. It supports the airport as important infrastructure and as an economic driver, supports long-term prosperity, and contributes to quality of life for Hamilton. It assists with Hamilton’s ability to promote itself as an economic and goods movement gateway.

Prestige Business uses are directed to the Secondary Plan’s major transportation corridors where urban design approaches help support the transition between Prestige Business uses and any nearby residential and agricultural/rural land uses. Light Industrial uses are directed to interior lands where they can abut natural areas and Prestige Business uses. Airside Industrial uses, which require direct “airside” access to the airport, are located adjacent to the existing and future runway aprons of the John C. Munro Hamilton International Airport. Airport-Related Business uses, which allow for businesses and services to travellers, are planned in close proximity to the...
airport. The plan protects natural features and provides for a limited range of Employment Supportive Centres that serve employees of the Secondary Plan area.

8.2 Vision and Principles

Development of the Airport Employment Growth District shall be based on the following Vision and Principles developed by the Community Liaison Committee:

8.2.1 Vision

The Secondary Plan is based upon, and future development should be guided by, the following vision:

The Hamilton Airport Employment Growth District is vibrant and visually appealing and the natural and cultural heritage resources in the area have been preserved and used to establish a distinct character for the area. It is a working community that attracts a range of airport related and other businesses providing both conventional and knowledge-based services. The environmental footprint of the district has been managed through a range of sustainable design techniques and the character of the surrounding land uses have been protected through appropriate land use transitions and transportation planning.

8.2.2 Sense of Place Principles

The employment district is vibrant and visually appealing. It is a working community with a unique sense of place derived from a strong connection to its natural setting and the existing airport. The intent is to:

a) Balance a high intensity of use with large conserved natural areas;

b) Design with nature by protecting streams, mature trees, wetlands, significant habitat and integrating topography into developments;

c) Integrate the open space system with the Greenbelt and other natural areas;

d) Support mixed employment use and ancillary convenience amenities supporting employment such as convenience stores, medical offices, fitness centres, personal services, restaurants and hotels; and,

e) Encourage a distinct character for the district (e.g. airport or natural heritage theme).

8.2.3 Public Realm Principles

Beautiful public spaces, streets and parks reinforce the employment district’s character as a green, vibrant and prosperous community. The public realm provides structure and amenity to the employment district. The intent is to:

a) Integrate nature into the public realm by retaining natural areas for use as buffers, open space, and trail systems;

b) Provide a variety of public spaces throughout the employment district differing in size and use;
c) Create walkable places that provide employees an opportunity to come together;

d) Integrate innovative storm water management infrastructure; and,

e) Use native species in landscaping.

8.2.4 Built Form Principles

The employment district has attractive, energy efficient, and green buildings. Design guidelines ensure that high quality developments respect and enhance the public realm and natural environment. The intent is to:

a) Create innovative, beautiful and sustainable buildings, and explore green building design standards such as LEED and encourage the inclusion of sustainable building features such as green roofs and solar panels;

b) Provide a variety of lot sizes and building styles to allow for different types of businesses that can evolve in use over time, support eco-industrial activity and respond to the needs of prospective market sectors;

c) Encourage high intensity of buildings and employees and reduce the overall environmental footprint per employee;

d) Effectively integrate building form and uses with surrounding areas;

e) Create well detailed, human scaled buildings which front the street and help shape the public realm;

f) Provide the opportunity for a mix of uses within buildings where appropriate;

g) Design for flexibility to allow business collaboration and the application of eco-industrial principles;

h) Create attractive and well designed grounds and landscaping;

i) Maximize efficiency of lot layout to take advantage of natural features; and,

j) Where possible, reclaim and reuse materials from existing airport and other aging structures.

8.2.5 Movement & Connections Principles

The employment district is well connected to the city and region by a seamless, multi-modal transportation network providing a high level of service for goods movement, automobiles, active transportation and transit. Movement within and to the industrial park is an easy experience due to the variety of options. The intent is to:

a) Ensure transportation infrastructure and connections allow for efficient movement of goods and people to, from and within the employment lands;

b) Design the transportation network to accommodate innovations in goods / people movement (e.g., changes in truck sizes, small electric vehicles, etc.);

c) Create a sense of continuity when connecting the employment district to its surroundings;

d) Create a well connected and permeable street pattern but also protect adjacent residential areas from truck traffic;

e) Provide convenient, comfortable and efficient transit connections to the wider city;
f) Create an employment lands enhanced transit stop;
g) Provide goods movement connections to the Hamilton Port area;
h) Provide efficient movement of goods with minimum conflict with other modes of travel;
i) Facilitate pedestrian and cycling movement via an effective network of sidewalks, bike lanes and off-street paths;
j) Provide convenient arterial road connections between the employment district and 400 series highways;
k) Provide convenient connections between the John C. Munro Hamilton International Airport and the employment district;
l) Integrate with future provincial transportation initiatives (e.g., Niagara to GTA transportation corridor); and,
m) Ensure parking areas are compact, attractive and sustainably designed (e.g., by minimizing storm water and heat island effects and minimizing the footprint of parking areas).

8.2.6 Occupants Principles

Businesses and employees are attracted by the employment district’s character, amenities, accessibility, and prestige. There are strong connections between occupants and many opportunities for co-operation between companies. The intent is to:

a) Encourage facilities and services that permit employees an opportunity to come together;
b) Create an environment which supports a diversity of businesses;
c) Encourage a variety of employment related amenities and services for businesses and employees;
d) Design and build infrastructure that facilitates synergies between businesses; and,
e) Create an overall subdivision pattern to ensure that lot sizing and configurations are appropriate for the target sectors.

8.2.7 Employment District Principles

The employment district is in demand and attracts a range of airport related and other businesses providing conventional (e.g. manufacturing & warehousing) as well as innovative, creative, green and knowledge based services. Quality jobs and successful businesses contribute to the prosperity of the Hamilton region. The intent is to:

a) Provide phasing which guarantees an appropriate supply of land for a diverse range of businesses;
b) Provide a portion of the AEGD devoted to airport related uses;
c) Provide phased infrastructure and services that cater to a range of employers including innovative, knowledge based companies;
d) Meet provincial targets for density;
e) Encourage that future trends in work habits are accounted for (e.g., job sharing, telework, shared workspaces, etc.);
f) Balance high intensity land use with green/park setting;
g) Develop the employment lands in a manner consistent with municipal and provincial planning policy;
h) Permit a variety of lot sizes and building styles to allow for different types of businesses and for evolution of business needs;

i) Create a prosperous and prestigious employment centre which contributes wealth to the entire region;

j) Leverage the innovative nature of the employment lands to attract progressive and clean industries;

k) Emphasize airport related employment while maintaining diversity; and,

l) Support academic and trades education related to employment in the AEGD.

8.2.8 Relationships with Surrounding Land Uses Principles

There is a seamless transition from surrounding residential and agricultural areas to the employment district. The entire district functions as a single community. The intent is to:

a) Ensure that employment uses and design at the edge of the AEGD transitions to residential and agricultural areas in a respectful and complementary manner, and consider how agricultural areas within the Greenbelt can continue to function;

b) Create a variety of distinct entrances to the employment district that minimize the impact of heavy traffic on the surrounding community;

c) Integrate streets, trails, and open space systems with neighbouring developments;

d) Effectively integrate the employment lands with Mount Hope and the John C. Munro Hamilton International Airport;

e) Ensure businesses provided in the employment district are complementary to services available in the surrounding community; and,

f) Ensure businesses within the employment lands produce a minimum of emissions, noise, dust and other nuisances.

8.2.9 Services and Infrastructure Principles

Infrastructure provides services in a manner that protects and enhances the natural environment while increasing the attractiveness of the employment district. The intent is to:

a) Integrate innovative, low impact, sustainable storm water management techniques into all aspects of the employment district;

b) Design transportation infrastructure and streets to meet multiple objectives;

c) Provide infrastructure which minimizes resource use (water, waste and energy use) in its construction, operation and maintenance;

d) Create infrastructure which minimizes disruption and damage to natural eco-systems in its construction, operation and maintenance;

e) Explore possibilities to use renewable and district energy supplies;

f) Make efficient use of existing infrastructure;

g) Recover the costs of infrastructure over time; and,

h) Provide efficient, cutting-edge telecommunications infrastructure for high-tech, creative companies.
8.2.10 Fiscal Responsibility Principles

The development has achieved a successful long-term result and return. The employment district’s prosperity enriches the entire greater Hamilton area. The intent is to:

a) Create a prosperous and prestigious employment district which enriches the entire region; and,
b) Achieve development of the employment district without contribution from the general property tax levy.

8.2.11 Natural Heritage Principles

Through sustainable design and appropriate development, the employment district protects and enhances the natural environment. The intent is to:

a) Develop in a manner that is sensitive to the natural environment;
b) Use innovative, sustainable storm and wastewater infrastructure to protect water quality and source water;
c) Protect and integrate provincially and municipally significant natural features, such as streams, valley lands, wetlands, mature trees and forests into the employment district’s development, implement provincial policy and meet municipal policy;
d) Use sustainable design to limit the emissions, water and energy consumption of buildings within the employment district; and,
e) Connect the employment district’s open space system to surrounding natural areas to allow employees to enjoy and explore the region’s natural heritage.

8.2.12 Cultural Heritage Principles

The development shall preserve and celebrate important cultural sites and features. The intent is to:

a) Dialogue with First Nations to determine where important cultural features are located within the employment district;
b) Conduct archaeological assessments or other appropriate studies prior to commencing development;
c) Protect, reflect and display significant cultural sites; and,
d) Consider using cultural and natural heritage landscape features such as the Greenbelt as a key component of the brand for the district.

8.2.13 Agriculture Principles

The employment lands shall develop in a manner which complements food production operations and minimizes conflict between land uses. The intent is to:

a) Provide appropriate transition and separation between employment lands and neighbouring agricultural areas;
b) Consider how to maintain existing agricultural operations;
c) Ensure development of the employment lands does not adversely impact neighbouring agricultural areas;
d) Promote synergies between agricultural and Airport Employment Growth District uses;
e) Support local food production;
f) Promote opportunities for water and energy conservation between the employment areas and the neighbouring agricultural areas; and,
g) Protect riparian water uses and surface water quality to support neighbouring agricultural areas.

POLICIES

8.3 **General Policies**

8.3.1 The pattern of land use, the transportation network, and the phasing for the Airport Employment Growth District shall be implemented as identified on Map B.8-1 – Airport Employment Growth District Land Use Plan, Map B.8-2 – Airport Employment Growth District Natural Heritage System, Map B.8-3 – Airport Employment Growth District Road Classification Map, and Map B.8-4 – Airport Employment Growth District Phasing Plan of this Secondary Plan.

8.3.2 All development shall conform to the airport policies of Section C.4.8 of the Urban Hamilton Official Plan.

8.3.3 Development proponents within the Federal Airport Zoning are expected to pre-consult with the John C. Munro Hamilton International Airport operator to assist the proponent with identifying the technical matters (e.g., electromagnetic) related to federal airport regulations which must be addressed in the development so that all potential conflicts with the long-term operation of airport are minimized.

8.3.4 All development applications within the Airport Employment Growth District shall be subject to review to ensure a high quality of development in accordance with this Secondary Plan and the Airport Employment Growth District Eco-industrial Design Guidelines and Urban Design Guidelines.

8.3.5 All development within the Secondary Plan Area shall be planned on a comprehensive basis, avoid where possible impacts on natural features, and effectively integrate with adjacent development and future development. The implementing zoning by-law shall incorporate provisions relating to the height, density and design of development based on the provisions of this Secondary Plan and the Airport Employment Growth District Eco-industrial Design Guidelines and Urban Design Guidelines.

8.3.6 This Plan recognizes that there are existing residential, institutional, and private recreational establishments within the plan’s area, although these uses are designated for future employment and employment-related uses. This Plan recognizes the legal non-conforming and non-complying status of these uses and anticipates that these lands shall be redeveloped at an appropriate time. Until such time as these existing uses are redeveloped, this Plan shall require abutting employment and employment-related uses to assess their potential impact to these properties through special studies and mitigate the impacts to these properties based on the recommendations of the special studies.
8.3.7 The maintenance and enhancement of the productive agricultural capacity of the lands shall be encouraged and any existing activities related to the productive agricultural capacity of the lands, including farm vehicle access, shall be encouraged to remain for as long as feasible. The City shall encourage a balance between the needs of existing productive agricultural uses and the functional needs of the surrounding light industrial land uses. Where a certain agricultural activity is not feasible, the City shall encourage the activity to transition to a complementary or innovative agricultural activity which sustains or enhances the productive agricultural capacity of the lands.

8.3.8 The lands within the Greenbelt Boundary are subject to the policies of the Rural Hamilton Official Plan.

8.4 Employment Area Policies

The Airport Employment Growth District Secondary Plan provides for a wide range of employment and airport-related employment, consisting of Prestige Business, Light Industrial, Airside Industrial, and Airport-Related Business. The development in the Prestige Business, Light Industrial, Airside Industrial, and Airport-Related Business designations are intended to function as employment-generating land uses. The Employment Supportive Centres are intended to serve as small scale focal points serving the amenity needs of the Airport Employment Growth District’s employees within a reasonable distance of their place of work.

8.4.1 Employment Area designations include lands designated on Map B.8-1 – Airport Employment Growth District Land Use Plan as follows:

a. Prestige Business;
b. Light Industrial;
c. Airside Industrial;
d. Airport-Related Business; and,
e. Airport Reserve.

General Employment Policies

8.4.2 The minimum average employment density target encouraged for the Airport Employment Growth District is 37 employees per net hectare of designated land but over the timeframe of this plan, the City shall encourage businesses within the range of land uses permitted to locate in the Airport Employment Growth District that contribute to higher employment densities in order to achieve a long-term average density of not less than 50 jobs per hectare in the Secondary Plan’s greenfield areas.

8.4.3 Proposed employment uses are encouraged to provide for on-site, small-scale, and non-commercial production of agricultural crops as an ancillary use. Crop production may occur within required side or rear yards. Crop production may also occur on building rooftops.

8.4.4 Office space shall be limited to support the Downtown Urban Growth Centre as the pre-eminent centre in Hamilton for commercial and office development.
8.4.5 Prestige Business

Prestige Business is planned for employment uses that will benefit from frontage on the existing and future major roads in the Airport Employment Growth District, incorporate urban design treatments because of their visibility from major roads, and are able to accommodate buffering from sensitive land uses.

Employment Supportive Centres are planned at strategic locations within the Airport Employment Growth District to provide for a limited range of amenity uses that serve the employees and the businesses.

Permitted Uses

8.4.5.1 Notwithstanding Section E.5.5 – Employment Area – Airport Employment Growth District of Volume 1, the following policies shall apply to the lands designated Prestige Business on Map B.8-1 – Airport Employment Growth District Land Use Plan:

a. The Prestige Business designation shall permit manufacturing, assembly, warehousing, repair service, transportation terminals, research and development, office, communication establishment, private power generation, high technology industry, and post-secondary schools.

b. The Prestige Business designation shall also permit uses which primarily support industry including labour association halls, hotels, trade schools, training facilities, commercial motor vehicle and equipment sales, commercial rental establishments, and utility activities benefiting from proximity to airport services.

c. Outdoor storage, salvage yards, waste processing facilities, waste transfer facilities, and other uses which are unsightly or otherwise incompatible with the design policies and image for the Prestige Business designation shall be prohibited.

d. Small-scale accessory uses which primarily support employees such as cafes, fitness centres, or personal service uses which are developed integrally with the principal building on a site may be permitted.

Employment Supportive Centres

8.4.5.2 The following locations within the Airport Employment Growth District Secondary Plan, as shown on Map B.8-1 – Airport Employment Growth District Land Use Plan, are identified for the development of Employment Supportive Centres, within a 100 metre radius of:

a. The southwest and southeast corners of Garner Road and Southcote Road;

b. The southwest and southeast corners of Twenty Road West and Garth Street;

(c. The northwest corner of the future realigned Book Road East and Glancaster Road; and,

d. The west side of Upper James Street, approximately 500 metres south of Twenty Road West.
In addition to the uses permitted in Section 8.4.5.1 above, the following uses may be permitted in an Employment Supportive Centre subject to a Zoning By-law amendment:

a. convenience stores;  
b. private health and recreational facilities;  
c. financial establishments;  
d. restaurants;  
e. personal services; and,  
f. gas bars and/or car washes, but no truck wash.

The additional land uses permitted in Policy 8.4.5.3 of this Secondary Plan shall not exceed a total gross floor area of 2,500 square metres per centre. All adjacent parcels and parcels at the intersection of roadways developed in an Employment Supportive Centre shall be considered as one Employment Supportive Centre.

The gross floor area for any individual additional use permitted in Policy 8.4.5.3 of this Secondary Plan shall not exceed 1,250 square metres, except for convenience stores which shall not exceed 500 square metres.

Design

Prestige Business uses shall be developed in accordance with the supporting policies, principles and requirements of Section 8.4.5.7 and Section 8.4.5.8 of this Secondary Plan and the Airport Employment Growth District Eco-industrial Design Guidelines and Urban Design Guidelines. Development within the Prestige Business designation shall be subject to minimum standards for urban design (such as high quality and attractive materials and landscaping) and a high level of sustainable design. Development shall integrate natural features into their landscaping and buffering to minimize impacts on adjoining areas.

Employment development that effectively integrates with nearby residential uses, by minimizing and/or mitigating potential impacts through specific urban design, is encouraged. The following policies apply to Prestige Business uses:

a. Development abutting Twenty Road shall not have access to Twenty Road and shall be screened from nearby residential development by using fencing and landscaping along Twenty Road;  
b. Development abutting Twenty Road shall incorporate the utility corridor as a continuous buffer and shall be encouraged to incorporate a multi-use trail in the utility corridor;  
c. Development abutting Twenty Road shall be setback from Twenty Road with a substantial rear yard as specified in the zoning by-law;  
d. Development abutting Glancaster Road shall have limited access to Glancaster Road which shall be achieved through a minimum frontage requirement in the zoning by-law;
e. Development abutting Glancaster Road shall have parking and loading spaces oriented to the side or rear yards, and away from adjacent residential uses;

f. Development fronting Glancaster Road shall be low rise building forms and incorporate a substantial landscaped area in the front yard as specified in the zoning by-law;

g. Development abutting Gamer Road shall have limited access to Gamer Road which shall be achieved through a minimum frontage requirement in the zoning by-law;

h. Development abutting Gamer Road shall have parking and loading spaces oriented to the side or rear yards, and away from adjacent residential uses;

i. Development fronting Gamer Road shall be low rise building forms and incorporate a substantial landscaped area in the front yard as specified in the zoning by-law;

j. Design guidelines shall provide guidance on building orientation, landscape treatment, building materials, illumination, and location of parking and loading spaces to achieve an appropriate transition between the residential development fronting Twenty Road / Glancaster Road / Gamer Road and the non-residential development in the interior of the Airport Employment Growth District;

k. The recommendations in the Ministry of Environment Guideline D-6 respecting minimum separation distances and undertaking of special studies for noise, dust, and odour in advance of development shall be treated as requirements for all development abutting Twenty Road or Glancaster Road; and,

l. The City of Hamilton, in accordance with the recommendations in the Ministry of Environment Guideline D-6, may require an agreement and/or financial assurance from the developer regarding mitigation measures required in the findings of the special studies.

8.4.5.8 In addition to the design policies for Prestige Business uses, the following design policies apply to Employment Supportive Centres:

a. Uses in Employment Supportive Centres are encouraged to be developed in mixed use buildings with convenience stores and personal services on the main floor and employment uses on the upper floors, or as a main street configuration with multiple Employment Supportive Centre uses;

b. Design guidelines shall provide guidance on building orientation, landscape treatment, building materials, illumination, and location of parking and loading spaces to achieve transit-oriented development and appropriate integration of the Employment Supportive Centres with the Airport Employment Growth District;

c. New Employment Supportive Centre uses shall be planned and designed to be integrated with and easily accessible from the surrounding prestige
business and industrial land uses. Where there are issues with access, precedence shall be given to accessibility by pedestrians, cyclists and transit vehicles over the private automobile; and,

d. No parking, drive-throughs, or stacking lanes shall be permitted between buildings and the public sidewalk.

8.4.6 Light Industrial

Light Industrial is planned for employment uses that do not necessarily require frontage on the existing or future major roads in the Airport Employment Growth District, but will incorporate urban design treatment and are able to accommodate buffering from sensitive land uses.

Permitted Uses

8.4.6.1 Notwithstanding Section E.5.5 – Employment Area – Airport Employment Growth District of Volume 1, the following policies shall apply to the lands designated Light Industrial on Map B.8-1 – Airport Employment Growth District Land Use Plan:

a. The Light Industrial designation shall permit manufacturing, assembly, warehousing, repair service, building or contracting supply establishments, transportation terminals, research and development, office, communication establishment, private power generation, high technology industry, and post-secondary schools.

b. The Light Industrial designation shall also permit uses which primarily support industry including labour association halls, trade schools, training facilities, commercial motor vehicle and equipment sales, commercial rental establishments.

c. The Light Industrial designation shall further permit airport-related industrial uses including airport transportation and cargo services, airport waste processing facilities within wholly enclosed buildings, airport waste transfer facilities within wholly enclosed buildings, and utility activities benefitting from proximity to airport services.

d. The Light Industrial designation shall permit outdoor storage of goods that do not cause interference with airport operations.

e. Small-scale accessory uses which primarily support employees such as cafes, fitness centres, or personal service uses which are developed integrally with the principal building on a site may be permitted.

Design

8.4.6.2 Light Industrial uses shall be developed in accordance with the supporting policies, principles and requirements of the Airport Employment Growth District Eco-industrial Design Guidelines and Urban Design Guidelines. Development within the Light Industrial designation shall be subject to minimum standards for urban design and a high level of sustainable design. Strict standards shall be established to control outdoor storage permitted in (d) above.
8.4.7 Airside Industrial

Airside Industrial is planned for employment uses that need to be adjacent to the John C. Munro Hamilton International Airport.

Permitted Uses

8.4.7.1 Notwithstanding Section E.5.5 – Employment Area – Airport Employment Growth District of Volume 1, the following policies shall apply to the lands designated Airside Industrial on Map B.8-1 – Airport Employment Growth District Land Use Plan:

a. The Airside Industrial designation shall permit warehousing, transportation terminals, research and development, office, communication establishment, fuel storage, and airport catering services.

b. The Airside Industrial designation shall also permit airport-related industrial uses such as airport transportation and cargo services, airport waste processing facilities, and airport waste transfer facilities, and utility activities benefiting from proximity to airport services.

c. The Airside Industrial designation shall permit outdoor storage of goods that do not cause interference with airport operations.

d. As a condition of development approval, the City may require confirmation from the John C. Munro Hamilton International Airport operator that a proposed development in the Airside Industrial designation warrants and shall be granted direct access to the airport.

Design

8.4.7.2 Airside Industrial uses shall be developed in accordance with the supporting policies, principles and requirements of the Airport Employment Growth District Eco-industrial Design Guidelines and Urban Design Guidelines.

8.4.8 Airport-Related Business

Airport-Related Business is planned for employment uses that benefit from proximity to the airport or provide services to travellers.

Permitted Uses

8.4.8.1 Notwithstanding Section E.5.5 – Employment Area – Airport Employment Growth District of Volume 1, the following policies shall apply to the lands designated Airport-Related Business on Map B.8-1 – Airport Employment Growth District Land Use Plan:

a. The Airport-Related Business designation shall permit labour association halls, conference and convention centres, trade schools, commercial motor vehicle and equipment sales, commercial rental establishments, hotels, private health and recreational facilities, restaurants, personal services, motor vehicle service stations and washing, commercial parking facilities, catering
services, automobile rental / leasing and services, taxi terminals, and financial institutions.

b. The Airport-Related Business designation shall also permit convenience stores up to a maximum of 500 square metres of gross floor area.

**Design**

8.4.8.2 Airport-Related Business uses shall be developed in accordance with the supporting policies, principles and requirements of the Airport Employment Growth District Eco-industrial Design Guidelines and Urban Design Guidelines. Development within the Airport-Related Business designation shall be subject to minimum standards for urban design (such as high quality and attractive materials and landscaping) and a high level of sustainable design. Urban design guidelines shall also provide direction on the incorporation of amenities supporting employment within this area.

**8.5 Natural Open Space**

The Airport Employment Growth District Secondary Plan recognizes, preserves, and protects natural heritage features as a key element of the area’s character and eco-industrial design.

8.5.1 Lands designated Natural Open Space on Map B.8-1 – Airport Employment Growth District Land Use Plan shall comply with Section B.3.5.3 – Parkland Policies, Section C.2 – Natural Heritage System and Section C.3.3 – Open Space Designations.

8.5.2 Minor refinements to boundaries of the Natural Open Space designation may be permitted without amendment to this Secondary Plan provided the change is justified by an Environmental Impact Statement to the satisfaction of the City.

**8.6 Utility**

Public and private utility services, such as electrical power, gas, and telecommunications shall be provided in a coordinated manner to serve the needs of businesses in the Airport Employment Growth District. The Utility designation is reserved for significant utility facilities such as pipelines, hydroelectric transmission facilities, storm water management facilities, and water and wastewater system facilities.

8.6.1 Notwithstanding Section C.3.4 of Volume 1, the Utility designation, as identified on Map B.8-1 – Airport Employment Growth District Land Use Plan, shall permit:

a. water and wastewater facilities, facilities for flood reduction and storm water management facilities;

b. pipelines;

c. Hydro One transmission corridors and adjacent transformer facilities; and,

d. secondary uses that are complementary to the utility functions of those lands, such as recreational paths, walkways and municipal infrastructure, subject to the approval of the applicable utility agency and/or the City.
8.6.2 Until such time as the location of specific storm water management utilities has been determined, these facilities shall be represented by symbols on Map B.8-4 – Airport Employment Growth District Phasing Plan. Once the final locations of these facilities have been determined, the facilities shall be designated Utility on Map B.8-1 – Airport Employment Growth District Land Use Plan, without requiring an Amendment to this Secondary Plan, provided the intent of the Plan is being maintained.

8.6.3 No development may proceed in the Airport Employment Growth District until adequate arrangements have been made for the provision of public and private utilities, to the satisfaction of the City.

8.6.4 Public and private utilities shall be:

a. installed within public road allowances, other City owned land or within appropriate easements;

b. encouraged, wherever possible, to coordinate and locate within an common trench to avoid unnecessary over-digging and disruption of municipal rights of way;

c. clustered or grouped where possible to minimize visual impact; and,

d. encouraged to consider innovative methods of containing utility services on or within streetscape features such as gateways, lamp posts, transit shelters, etc.

8.6.5 Prior to final approval of development, all interested utilities and telecommunication providers shall confirm that service can be provided to support the proposed development, and determine appropriate locations for large telecommunication equipment and utility cluster sites. Prior to development proceeding, proponents of development are to coordinate with the utility providers to ensure the provision of necessary utility services, in a manner that it is consistent with the policies of this Plan.

8.6.6 New development shall be encouraged to implement or incorporate a district energy system.

8.7 Airport Reserve Designation

The Airport Employment Growth District Secondary Plan contemplates that the airport shall require additional lands to provide for runway expansions and airfield operations during the lifetime of this plan to ensure the long-term viability of the airport and that interim land uses are not appropriate which might create conflicts with the feasible expansion of the airport. As a result, certain lands must be reserved specifically for the airport’s future needs. Lands reserved exclusively for the airport’s expansion are shown on Map B.8-1 – Airport Employment Growth District Land Use Plan and are subject to the following policies.

8.7.1 The following uses shall be permitted on lands designated Airport Reserve on Map B.8-1 – Airport Employment Growth District Land Use Plan:

a. existing land uses; and,

b. airport storage, maintenance and operation facilities.
8.7.2 Notwithstanding Policy 8.7.1, expansions to existing uses and lot additions or lot creation that does not serve the needs of the Airport shall not be permitted.

8.7.3 Once any portion of the Airport Reserve lands are transferred to the airport, the transferred lands may be removed from Airport Reserve in this Secondary Plan, and incorporated into the area identified as the John C. Munro Hamilton International Airport on the schedules of the appropriate Official Plans without an Amendment to the Parent Plan or Secondary Plan.

8.8 Water Resources and Stormwater Management

An integral component during the creation of this Secondary Plan was the preparation of the Subwatershed Plan for the watersheds within the Airport Employment Growth District. Lands within the Airport Employment Growth District are uniquely situated within the headwaters of four watersheds: Sulphur Creek (Cootes Paradise), Twenty Mile Creek (Lake Ontario), Welland River (Niagara River) and Big Creek (Grand River). The myriad of small headwater features, combined with restrictions on open water/wetland features imposed by the airport, present a unique challenge in terms of protection of stream corridors and natural heritage features, and stormwater management design that require state of art technologies consistent with Low Impact Development design.

8.8.1 The important ground water features identified in the Subwatershed Plan for the Airport Employment Growth District shall be protected including recharge and discharge areas, water balance, and existing private and public wells.

8.8.2 Notwithstanding Policy 8.8.1, any existing well may be required to be decommissioned as a condition of development approval.

8.8.3 The stream corridors in the Subwatershed Plan for the Airport Employment Growth District shall be protected in accordance with Section B.8.11 of this Secondary Plan to address flood/erosion control and fish habitat requirements, as well as stormwater management to prevent increases in flooding and erosion, enhance water quality and maintain the existing conditions of water balance.

8.8.4 The stormwater management system for the Airport Employment Growth District shall be developed in accordance with the Storm Water Master Plan and use an innovative, state of the art approach to managing stormwater by first treating runoff at its source. The stormwater management system shall retain/maintain the existing infiltration of water into the ground by managing runoff through source (lot level) and conveyance (street level) measures using a “treatment train” approach to stormwater management.

8.8.5 As a condition of development approval, on-site stormwater management shall be designed in accordance with the stormwater management framework developed for the Airport Employment Growth District, as described in the Storm Water Master Plan.

8.8.6 The stormwater management system for the Airport Employment Growth District is required to incorporate measures such as green roofs, rain gardens, rainwater harvesting on individual lots, and combined with additional measures such as biofilters, grassed swales, and perforated storm sewers, that are implemented within road rights of way to encourage infiltration and reduce the quantity of runoff reaching local drainage features.
8.8.7 The locations of storm water management facilities determined through the Storm Water Master Plan are identified conceptually on Map B.8-4 – Airport Employment Growth District Phasing Plan as Proposed Dry Pond Locations. The final location, sizing, and nature of these facilities are to be determined through a storm water management study prior to approval of Draft Plans of Subdivision or Site Plans. Once the final locations for storm water management facilities have been determined, the facilities shall be designated Utility on Map B.8-1 – Airport Employment Growth District Land Use Plan without requiring an amendment to this Secondary Plan provided that the intent of the Plan is maintained.

8.8.8 The design of storm water management systems shall reflect the policies and guidelines of the City, Conservation Authority, and the Ministry of the Environment and must fully address long-term requirements for storm water management. The City may require a letter of credit for certain storm water management facilities as a condition of development approval and may retain the letter of credit for a period of time to be specified in the development agreement.

8.8.9 Storm water management facilities shall be designed to complement the natural characteristics of the area and provide visual amenity for surrounding development.

8.9 Transportation

The transportation system in the Airport Employment Growth District is intended to promote a variety of modes of travel, including automobiles, transit, and active transportation (e.g., cycling and walking) for people to access the employment area, for the safe and efficient movement of goods, and for employees to access the amenities provided within the employment area, in accordance with the Transportation Master Plan for the Airport Employment Growth District.

8.9.1 In addition to the policies of Section C.4 – Transportation of Volume 1:

a. The proposed transportation network servicing this Secondary Plan Area shall include public roads, pedestrian/bicycle pathways and future transit routes supporting a high transit modal split. It shall also include a connection to future rapid transit extending from downtown to the airport.

b. Development of the transportation network shall include an allowance in the right-of-way for a green servicing corridor which would support the eco-industrial design of the business park and be capable of accommodating sustainable design elements such as but not limited to distribution of renewable energy, distribution of district energy, water recirculation systems, or light rail transit.

c. Minor adjustments to the location of the transportation network elements shown on Map B.8-3 – Airport Employment Growth District Road Classification Map may be considered by the City without Amendment to this Secondary Plan, provided that the intent of the Plan is satisfied. Changes to transit routes do not require an Amendment to this Secondary Plan.

Active Transportation

8.9.2 The City shall encourage cycling as a mode of transportation within and to the Airport Employment Growth District. A system of on-street and off-street cycling trails shall be
developed in order to support cycling, in accordance with Map B.8-3 – Airport Employment Growth District Road Classification Map and Appendix ‘A’.

8.9.3 The Zoning By-law may require the provision of secure, weather-protected bicycle parking facilities, and may allow for a reduction in the number of required automobile parking spaces if bicycle parking facilities are provided.

8.9.4 The City shall encourage walking within and to the Airport Employment Growth District. A system of sidewalks within the right-of-way, pedestrian trails and/or multi-use trails shall be developed in order to support walking, in accordance with Map B.8-3 – Airport Employment Growth District Road Classification Map and Appendix ‘A’.

8.9.5 The City shall further encourage walking in the Airport Employment Growth District by encouraging the provision of pedestrian-scale lighting, street furniture, pedestrian crossing signals, pedestrian-friendly public spaces, and pedestrian-friendly landscaping in the front yards of sites.

8.9.6 The City may require the provision of preferential parking for carpooling, ultra low emission vehicles, and hybrid vehicles, among others, and may allow for a reduction in the number of required automobile parking spaces if preferential parking facilities are provided.

Transit

8.9.7 The Airport Employment Growth District shall be served by transit service that is accessible to the majority of employees. Places of employment shall be developed so that they are no further than 400 metres from a transit stop measured by a pedestrian walking route from the main entrance of a proposed building to the transit stop.

8.9.8 The City shall encourage development within the Employment Supportive Centre to provide an indoor transit facility integrated with the development.

8.9.9 The Airport Employment Growth District Secondary Plan identifies Proposed Rapid Transit on Map B.8-3 – Airport Employment Growth District Road Classification Map. The location of the Proposed Rapid Transit is approximate and shall be finalized through more detailed transit network planning by the City, a Transportation Master Plan, and/or rapid transit feasibility study. The final location of the Proposed Rapid Transit may be established without an amendment to this Plan.

Roads

8.9.10 The transportation and road system, including collector and arterial roads, as well as proposed road connections, is shown on Map B.8-3 – Airport Employment Growth District Road Classification Map.

8.9.11 The alignment of the local road network shall be detailed within plans of subdivision. The rights-of-way of all streets within and bordering the Secondary Plan area shall be protected and dedicated in accordance with the requirements of the City.

8.9.12 Notwithstanding the policies of Section C.4 of Volume 1, the basic minimum right-of-way width for:
a. minor collector roads shall be 26 metres in accordance with Map B.8-3 – Airport Employment Growth District Road Classification Map;

b. major collector roads shall be 33 metres in accordance with Map B.8-3 – Airport Employment Growth District Road Classification Map;

c. minor arterial roads shall be 37 metres in accordance with Map B.8-3 – Airport Employment Growth District Road Classification Map; and,

d. major arterial roads shall be 44 metres or 44.5 metres in accordance with Map B.8-3 – Airport Employment Growth District Road Classification Map.

8.9.13 The City shall require, as a condition of development approval, the dedication of additional property for daylighting triangles at road intersections.

8.9.14 Significant transportation network improvements are required prior to the development of much of the Airport Employment Growth District. Development shall proceed in accordance with the phasing policies of Section B.8.15 of this Secondary Plan.

8.9.15 To encourage the development of lands in Phase 1, the municipality may permit development to proceed upon dedication of any required rights-of-way but with the road constructed to a reduced number of traffic lanes to serve short-term and medium-term transportation needs, providing the following conditions are met:

a. all financial commitments relating to full build-out of the road shall be secured as a condition of development approval and in a development agreement;

b. justification for construction of fewer traffic lanes shall be required as part of a transportation impact assessment report prepared by a professional engineer at the time of Plan of Subdivision approval; and,

c. the development provides all other necessary infrastructure required for full build-out of the right-of-way, including but not limited to curbs, boulevards, sidewalks, bicycle lanes, multi-use trails, allowance for a green servicing corridor, water, wastewater, or storm water infrastructure.

8.9.16 The City shall encourage the completion of the proposed Highway 6 interchanges by the Province at Book Road, Butter Road, and south of the airport when the need is justified.

8.9.17 The Airport Employment Growth District Secondary Plan identifies a Proposed Car Pool Lot on Map B.8-3 – Airport Employment Growth District Road Classification Map. The location of the car pool lot is identified on Upper James Street, between Twenty Road and Dickenson Road. However, the actual location of the car pool lot is approximate and shall be finalized through more detailed planning by the City and/or a Transportation Master Plan. The resulting location of the suggested car pool lot may be established without an amendment to this Plan.
8.10 Infrastructure

Infrastructure, such as sewers, water and storm water systems, shall be provided, maintained and upgraded as necessary to accommodate the needs of future development in the Airport Employment Growth District.

8.10.1 In addition to the policies of Section C.5 - Infrastructure of Volume 1, development of the Secondary Plan area shall be on full municipal services in accordance with the Storm Water Master Plan, the Water and Wastewater Master Plan, and the policies of the City.

8.10.2 The infrastructure provided in the Airport Employment Growth District shall be sized, located and designed to the City of Hamilton engineering standards, guidelines and criteria to ensure that acceptable levels of service, such as minimum fire flows for employment areas and acceptable flow and velocity capacities for pipes, are maintained.

8.11 Natural Heritage System

8.11.1 Within the Airport Employment Growth District, there are wetlands, streams, woodlands, meadows, successional areas and hedgerows which are identified as Core Areas, Linkages, and Hedgerows in Map B.8-2 – Airport Employment Growth District Natural Heritage System. The policies of the Urban Hamilton Official Plan in Section C.2.0 apply, with the exception of Section C.2.4.

8.11.2 Streams are mapped in Map B.8-2 – Airport Employment Growth District Natural Heritage System. If the stream has not been classified as part of an EIS, subwatershed study, or other study, a scoped EIS is required to determine the classification.

8.12 Heritage

There are buildings and sites in the Airport Employment Growth District with potential built or cultural heritage significance, including sites of interest to First Nations. These buildings or sites are to be assessed for their merit for retention and incorporation into a proposed development. In addition, the potential for resources of archaeological significance needs to be evaluated prior to development activity occurring within the community.

8.12.1 There are buildings, structures and cultural heritage landscapes of varying degrees of heritage interest and value in the Secondary Plan area which are both included and not included in Hamilton’s Register of Property of Cultural Heritage Value or Interest and prior to approval of development applications a cultural heritage conservation plan statement shall be prepared in accordance with Section B.3.4.2.11 of the Urban Hamilton Official Plan. The retention and conservation of buildings of architectural or historical merit on their original sites and the promotion of the integration of these resources into new development proposals in their original use or an appropriate adaptive re-use shall be encouraged.

8.12.2 Prior to development approvals, a Stage 2 archaeological assessment shall be completed to the satisfaction of the City and the Province. No grading or other disturbance shall take place on any site within the Airport Employment Growth District prior to the issuance of a letter of clearance from the Province. The Stage 2 archaeological assessment shall be undertaken in accordance with Policy F.3.2.4 – Archaeological Assessments of the Urban Hamilton Official Plan. The City may also
require a higher standard of conservation, care and protection for archaeological resources based on prevailing conditions and circumstances within the City and the results of any dialogue with First Nations and their interests.

8.12.3 Prior to development approvals, for those cultural heritage resources that require a cultural heritage impact assessment as determined by the culture heritage conservation plan statement noted in policy 8.12.1 above, a Stage 2 heritage assessment in shall be completed to the satisfaction of the City and the Province. No disturbance to the building, site or its surroundings shall take place within the Airport Employment Growth District until the study is reviewed and cleared. The Stage 2 heritage assessment shall be undertaken in accordance with Policy F.3.2.3 – Cultural Heritage Impact Assessments of the Urban Hamilton Official Plan.

8.13 Eco-Industrial Design and Urban Design Policies

The Airport Employment Growth District is envisioned to be a place of employment which is developed with a high degree of eco-industrial and urban design. The elements of eco-industrial and urban design are intended to work together to create development that reduces its negative impact and optimizes its positive impact, in the physical context of an urban form and built form that can be characterized as a high quality place and space.

8.13.1 Eco-Industrial Design Guidelines and Urban Design Guidelines for the Airport Employment Growth District shall be prepared and adopted by Council that provide specific guidance for development in accordance with the eco-industrial and urban design policies of this Secondary Plan.

8.13.2 The Eco-Industrial Design Guidelines and Urban Design Guidelines may be reviewed and revised from time to time to respond to technology advancement and design innovation, without an Amendment to this Secondary Plan.

8.13.3 The Eco-Industrial Design Guidelines and Urban Design Guidelines may incorporate a checklist, rating or other evaluation system to rate the sustainability of a development proposal. This system may be reviewed and revised from time to time without an Amendment to this Secondary Plan.

Transportation

8.13.4 Transit, cycling and walking shall be promoted as preferred modes of transportation.

8.13.5 Parking areas shall be suitability located and designed to discourage large, barren parking areas and encourage shared parking, preferential parking, and sustainable features. Development should promote ride-share opportunities, through facilities such as preferred carpooling/ride-sharing parking.

Energy, Renewables, Air Quality and Greenhouse Gas Reduction

8.13.6 The conservation of energy, generation of energy though the use of renewable sources and the optimization of air quality shall be promoted.

8.13.7 The reduction of energy consumption in buildings beyond minimum requirements and the use of high-efficiency heating, ventilation and cooling equipments, appliances and fixtures is encouraged.
8.13.8 The incorporation on-site of renewable energy sources to meet part of the energy needs of buildings and outdoor lighting shall be promoted.

8.13.9 Air and dust emissions during construction and demolition activities and during business operations should be minimized, and building design should provide protection from undesirable site noise within acceptable noise criteria ranges.

**Water and Wastewater, and Water Conservation/efficiency**

8.13.10 Water and wastewater infrastructure shall integrate with existing City standards and guidelines, and incorporate efficient design. Future considerations for alternative servicing strategies and integration with on-going City programs for water conservation and efficiency shall be encouraged.

8.13.11 The design of the future water and wastewater infrastructure shall be consistent with the Secondary Plan’s vision and principles. The infrastructure design should also build on the sustainable life-cycle costing and triple bottom line evaluation process completed under the Water and Wastewater Master Plan. Approaches such as minimizing pumping stations and optimizing gravity catchment areas shall be encouraged.

8.13.12 Location of future infrastructure should integrate with the standards for the Airport Employment Growth District and shall consider installation needs, long term accessibility and long term operation and maintenance requirements. Flexibility for additional future infrastructure should be considered based the unique servicing opportunities in the Airport Employment Growth District.

8.13.13 The use of water efficient fixtures and equipment as well as any other water saving and recycling methods/measures should be considered.

8.13.14 Water and wastewater facilities built within the Airport Employment Growth District should employ architectural principles and materials that are consistent with the surrounding area’s built form.

**Storm Water Guidelines**

8.13.15 Water resources and environmental criteria addressing the following shall be met throughout the area:

   a. Protection and maintenance of stream corridors to address flood control and fish habitat regulatory requirements;

   b. Flow requirements designed to prevent increases in flooding and erosion within and downstream of the study area;

   c. Water balance criteria to protect groundwater infiltration requirements and local groundwater supplies; and,

   d. Runoff reduction requirements to address water quality requirements necessary to meet provincial water quality objectives for receiving waters consistent with Level 1/2 treatment.
8.13.16 A combination of source, conveyance and end of pipe (e.g., dry ponds) control measures to provide the necessary design flows and volumes needed for flood storage on a catchment by catchment basis shall be encouraged.

Materials, Resources, and Solid Waste

8.13.17 The use of green building materials, use of locally harvested/recovered, manufactured or extracted materials for buildings and infrastructure shall be encouraged.

8.13.18 The use of best practices of proper disposal and/or recycling of construction and demolition waste material is encouraged. Businesses shall also be encouraged to implement site-scale waste diversion initiatives, including those businesses that are not obligated to comply with the source separation program requirements of the Environmental Protection Act.

Economic Sustainability and Business Synergy

8.13.19 The generation of business synergies and the creation of relationships that sustain long-term economic prosperity of businesses, the Airport Employment Growth District and the City of Hamilton shall be encouraged.

8.13.20 The generation of eco-industrial synergies to increase environmental and economic efficiencies through the exchange of waste, resource and energy shall be encouraged.

8.13.21 The Airport Employment Growth District should be developed according to the phased provision of servicing infrastructure to financially accommodate the costs of growth related to the employment area. Necessary infrastructure should be coordinated with land demand and the pace of development.

Social Sustainability

8.13.22 The location of accessory uses and amenities that support employees shall be promoted with businesses encouraged to provide shared facilities such as sport areas, restaurants, and outdoor lunch areas whenever possible.

8.13.23 The creation of a walkable employment area shall be encouraged to support travel demand management and a healthy lifestyle for employees.

8.13.24 The creation of a transportation management association that partners with businesses to promote a variety of transportation services that reduce single-occupant vehicle trips shall be encouraged.

Site Development, Disturbance, Natural Corridors and Greenways

8.13.25 Appropriate development intensity and the efficient use of land in site planning shall be encouraged.

8.13.26 The incorporation of sustainable design elements into the site which maintains ecological integrity of the site shall be encouraged.
8.13.27 Site disturbance should be minimized and replanting to compensate for tree removals and to provide cooling and shade for streets, building and open spaces shall be encouraged.

8.13.28 Green spaces that integrate with the Airport Employment Growth District’s natural heritage system and greenspace beyond the district shall be encouraged.

8.13.29 The use of measures to reduce heat island effects shall be encouraged.

8.13.30 Roadway design promoting naturalized areas and green corridors shall be encouraged.

**Food Production and Community Gardening**

8.13.31 The creation of synergies between agricultural operations within and outside the Airport Employment Growth District and employment uses is encouraged. Businesses shall be encouraged to provide community gardens for their employees and for ancillary needs (e.g., cafeteria), where feasible.

**Relationship to Natural Edges**

8.13.32 Landscape buffers that address the interface and edges and provide naturalized buffers between developed areas of the site, streets and adjacent natural features are encouraged.

8.13.33 Building setbacks shall be required for development adjacent to the boundary of natural features under the jurisdiction of the Niagara Peninsula Conservation Authority, Hamilton Conservation Authority, and Grand River Conservation Authority. Vegetation protection zones shall comply with Sections C.2.5.9 to C.2.5.15 inclusive of the Official Plan.

8.13.34 The location of outdoor uses and facilities, as well as employee recreation facilities, is encouraged to be in proximity to the visual and physical amenity of natural areas.

**Road Design**

8.13.35 The location of local roads through natural heritage systems should only be considered where no other access is possible.

**Site Access and Driveways**

8.13.36 Access to development lots from local streets is encouraged whenever possible.

8.13.37 Minimizing driveways by creating joint access driveways to serve two adjacent development lots is encouraged.

**Recommended Building Setbacks**

8.13.38 Building setbacks to provide separation from adjacent land uses and to create a consistent street wall and pedestrian areas including consistent street frontages and build-to lines is encouraged.

8.13.39 Building setbacks to ensure landscaped screening of loading and service areas and landscape buffers at the extent of sites is encouraged.
Vehicular Parking Areas

8.13.40 Parking areas that are safe, functional, attractive and comfortable as well as reducing their environmental and visual impact are encouraged.

8.13.41 A high quality of pedestrian paving materials to minimize the impact of asphalt paving on development and create a more comfortable and attractive environment for pedestrians within parking areas is encouraged.

8.13.42 Parking structures developed to a high standard of architectural, lighting, and landscape design is encouraged.

Storage, Service and Loading Areas

8.13.43 The appropriate placement and screening of storage, service and loading areas shall be required.

Site Lighting and Safety

8.13.44 The appropriate illumination of all pedestrian and parking areas to promote safety, security and comfort without over-illumination is encouraged.

8.13.45 Architectural lighting to emphasize built form and landscape elements is encouraged, but should not create spillover of light to adjoining properties.

8.13.46 Energy efficient street lights and pedestrian lights are encouraged.

Pedestrian and Cyclist Movement

8.13.47 Site planning is encouraged that provides for ease and continuity of pedestrian movement and a high-quality, barrier-free pedestrian environment.

8.13.48 Street design is encouraged that facilitates cyclist movement and reduces barriers to the ease, comfort, speed and safety of cycling.

Sustainable Building Design

8.13.49 Building design is encouraged to incorporate sustainable design measures including but not limited to Leadership in Energy and Environmental Design (LEED).

8.13.50 Buildings that incorporate sustainable design measures shall be encouraged to have orientation, massing, material selection and landscaping as a visible articulation of their sustainable design.

Building Orientation

8.13.51 Buildings are encouraged to have an orientation that provides street definition, pedestrian realm definition, and helps manage cooling and heating loads.
Building Height & Massing

8.13.52 Buildings are encouraged to have a height and massing that supports the efficient use of land and appropriate transitions to adjacent land uses.

Building Design

8.13.53 Buildings are encouraged to have the primary entrance or office space appropriately oriented towards municipal streets and intersections.

8.13.54 Buildings are encouraged to have facades with significant architectural features.

8.13.55 Buildings are encouraged to have an appropriate location and amount of fenestration, with operable windows also encouraged.

8.13.56 Buildings are encouraged to have architectural articulation in form and materials. Large blank wall surfaces along street frontages are discouraged.

8.13.57 Buildings are encouraged to incorporate materials that have a high life cycle and aesthetic quality.

Integration with Built Heritage

8.13.58 The facades of new buildings are encouraged to be setback to match existing heritage buildings.

8.13.59 New buildings are encouraged to be sensitive to adjacent and nearby heritage buildings, however, the application of historical building styles to modern development is discouraged.

Rooftop and Mechanical Requirements

8.13.60 Buildings are encouraged to screen rooftop and mechanical systems with the building’s architecture.

Architectural Lighting and Light Pollution Management

8.13.61 Buildings are encouraged to incorporate exterior accent lighting with external luminaries that enhance the building design and minimize light pollution.

Signage

8.13.62 Signage for sites and buildings is encouraged to incorporate energy-reduction technology.

8.13.63 Well-designed and legible signage that is compatible with the building and site furniture is encouraged.

8.13.64 Signage for multiple occupant buildings is encouraged to be an integral component of the building facade.
8.13.65 Well-designed monument or free-standing signage, where deemed to be appropriate, is encouraged.

Landscape Requirements at Road Frontages, Gateways and Enhanced Transit Stops

8.13.66 High standards for high quality, continuous landscaping at road frontages throughout the main road network are encouraged.

8.13.67 Potential Gateway Features are shown on Map B.8-3 – Airport Employment Growth District Road Classification Map and provisions for potential gateway features, enhanced transit stops, or specialized landscape treatment on entry to the industrial park area to define its character are encouraged.

8.13.68 Gateways that vary in appearance and have a clear hierarchy distinguishing major and minor gateways are encouraged.

8.13.69 The implementation of public art is encouraged at gateways and areas with high pedestrian usage.

Landscape Quality

8.13.70 Distinctive, high-quality thematic landscape elements to create a unifying visual quality or identity to each land use are encouraged.

8.13.71 Landscaping that supports ecology through the design of naturalized groves of trees (deciduous and evergreen) and areas incorporating low maintenance native plant species (woody shrubs, ground covers, grasses, and perennials) and encouraged.

8.13.72 Landscapes that provide comfort and amenity space by using vegetation for the purpose of creating shelter and microclimates are encouraged.

Paved Surface Materials

8.13.73 The use of high-quality and varying paving materials where suitable is encouraged, in particular for pedestrian paths and for permeable surfaces to support groundwater recharge.

Outdoor Amenity Space

8.13.74 Outdoor amenity space within the public realm and on private development is encouraged.

8.13.75 Pedestrian connections to outdoor amenities, which should be barrier free and clearly marked with pedestrian scaled lighting that defines the route and amenity area, is encouraged.

Pedestrian, Bicycle, and Trail Connections

8.13.76 The design of pedestrian, bicycle, and trail connections in the study area that offer an alternative mode of travel for commuters and recreational users through a hierarchy of sidewalks, multi-use paths, and on-road cycling lanes is encouraged.
8.13.77 A trail system designed and provided with major trailheads located in open space areas with road frontage, or integrated with commuter parking lots is encouraged.

8.14 Energy and Environmental Assessment Report

The Airport Employment Growth District is intended to be a place of employment where sustainability is a key component of the vision for development.

8.14.1 **Notwithstanding Section** F.3.2.9 of Volume 1, the sustainability of development shall be evaluated at the time of development approval for a Plan of Subdivision or Site Plan and an Energy and Environmental Assessment Report demonstrating how the development meets or exceeds the sustainability provisions of the Eco-industrial Design Guidelines and Urban Design Guidelines shall be required prior to development approval.

8.14.2 The degree to which a development meets or exceeds the sustainability provisions of the Eco-industrial Design Guidelines and Urban Design Guidelines as described by the Energy and Environmental Assessment Report may be used as a basis by the City to prioritize development applications, including the assignment of servicing allocation and the issuance of draft plan approval under the Planning Act.

8.14.3 The Eco-industrial Design Guidelines and Urban Design Guidelines may incorporate an evaluation system which would provide specific criteria for the assessment of development applications through the Energy and Environmental Assessment Report. The evaluation system may be revised from time to time to respond to technology advancement and design innovation without an amendment to this Secondary Plan. The evaluation system may include criteria including but not limited to:

a. Green building materials;
b. Energy efficient building design;
c. Vehicle trip generation, access to public transit;
d. Cycling, and walkability;
e. Water conservation;
f. Diversity of use and availability of community services and public amenities;
g. Waste reduction, reuse and recycling (during construction and during operation);
h. On-site storm water management;
i. Grey water reuse;
j. Light pollution management;
k. “Urban heat island” effect management; and,
l. On-site renewable energy generation; and,
m. Use of a district energy system.

8.15 Implementation

This Implementation section provides guidance on how the land use policies of the Airport Employment Growth District Secondary Plan are to be implemented.

Interpretation

8.15.1 The provisions of the City of Hamilton Official Plan, as amended from time to time, regarding the interpretation of that Plan shall apply in regard to this Secondary Plan insofar as they affect the Secondary Plan area.

General Implementation Policies

8.15.2 The provisions of Chapter F of the Urban Hamilton Official Plan regarding implementation shall apply with regard to this Secondary Plan, except as specifically set out herein.

Complete Application Requirements

8.15.3 Notwithstanding the complete application requirements of Section F.1.19 of the Urban Hamilton Official Plan, an Energy and Environmental Assessment Report shall be required as other information and materials required to deem Planning Act applications for draft plan of subdivision and site plan complete.

Development Phasing Policies

This plan recognizes that the Airport Employment Growth District is intended to provide employment lands to serve the needs to 2031. This long-term perspective allows the City to wisely invest in the water, wastewater and transportation infrastructure which is required to service lands to 2031 and, when it is justified, be able to cost-effectively upgrade this infrastructure to serve development beyond 2031.

8.15.4 In addition to Section C.5 and Section F.3.6 in Volume 1, the Airport Employment Growth District shall be developed in two Phases which are guided by the detailed policies below and the phasing illustrated on Map B.8-4 – Airport Employment Growth District Phasing Plan. The boundary between Phase 1 and Phase 2 shall be interpreted as conceptual since the phasing-in of development is expected to be driven by the uptake of lands and availability of servicing, rather than specific interim timeframes. The boundary between Phase 1 and Phase 2 should not be a constraint to development as long as the proposed development conforms to the detailed phasing policies below.

8.15.5 Lands identified on Map B.8-4 – Airport Employment Growth District Phasing Plan of this Secondary Plan as “Phase 1” are intended to serve employment land needs to 2031 and shall be allowed to develop subject to confirmation of the availability of municipal water and municipal wastewater servicing by a professional engineer as a condition of development approval to the satisfaction of the City.

8.15.6 Lands identified on Map B.8-4 – Airport Employment Growth District Phasing Plan of this Secondary Plan as “Phase 2” are intended to serve employment land needs to 2031 and those portions of “Phase 2” with access to servicing shall be allowed to develop subject
to confirmation of the availability of municipal water and municipal wastewater servicing by a professional engineer to the satisfaction of the City as a condition of development approval. Those portions of “Phase 2” that do not have access to servicing shall only be allowed to develop once the water, wastewater and transportation servicing systems have been upgraded and/or extended to adequately service these lands.

8.15.7 To ensure that lands are not developed prematurely, the lands identified on Map B.8-4 - Airport Employment Growth District Phasing Plan of this Secondary Plan as “Phase 2” shall be zoned with a holding provision. The condition for release of the holding is:

a. for “Phase 2” lands with access to servicing, the confirmation of servicing as described in Policy B.8.15.6 of this Secondary Plan; or,

b. for “Phase 2” lands that do have not access to servicing, the provision of adequate municipal water, municipal wastewater, and transportation infrastructure in accordance with the respective master plans for the Airport Employment Growth District to the satisfaction of the City.

8.15.8 To ensure that the lack of adequate servicing does not create a constraint to the timely development of the lands identified on Map B.8-4 - Airport Employment Growth District Phasing Plan of this Secondary Plan as “Phase 2”, the City shall coordinate upgrades to the water, wastewater, and transportation infrastructure when the City deems it to be appropriate.

Land Dedication and Acquisition

8.15.9 The City may acquire and hold any lands required to implement any feature of this Secondary Plan, in accordance with the Planning Act and such actions may include the expropriation of lands required to implement the servicing of the business park.

8.15.10 As an alternative to land dedication for watercourses and flood plain areas, the City may require a conservation easement for these lands; however, storm water management ponds and outlets shall be on lands dedicated to the City.

8.15.11 An environmental clearance shall be required prior to the conveyance of any lands to the City and the environmental clearance shall be based on the appropriate level of site assessment as established by Ministry of the Environment Guidelines.

8.16 Site Specific Policies

Site Specific Policy - Area A

8.16.1 Notwithstanding Policy 8.4.5.1 of this Secondary Plan, the lands designated Prestige Business, located at No. 618 Garner Road East, and identified on Map B.8-1 - Airport Employment Growth District Land Use Plan as Site Specific Policy - Area A, a golf driving range and accessory uses and structures shall be permitted.

Site Specific Policy - Area B

8.16.2 Notwithstanding Policy 8.4.5.1 of this Secondary Plan, the lands designated Prestige Business, located at No. 992 Garner Road East, and identified on Map B.8-1 - Airport
Employment Growth District Land Use Plan as Site Specific Policy – Area B, a landscape contractor's business, which may also include facilities for plant propagation and the growing of plants and nursery stock and an accessory snow removal business, shall be permitted provided the following conditions have been satisfied:

a. Appropriate setbacks, landscaping and fencing shall be provided in order to buffer surrounding residential uses;

b. The storage of pesticides and fuel on the subject lands shall be provided in an environmentally sound manner and in accordance with the applicable legislation;

c. Access to the subject lands shall be provided in accordance with the requirements of the City; and,

d. The development or redevelopment of these lands shall be subject to Site Plan Approval.

Site Specific Policy - Area C

8.16.3 Notwithstanding Policy 8.4.5.1 of this Secondary Plan, the lands designated Prestige Business, located at No. 116 Glancaster Road, and identified on Map B.8-1 – Airport Employment Growth District Land Use Plan as Site Specific Policy – Area C, a high school shall be permitted.
GLOSSARY

Accessory (Urban): means, when used to describe a use of land, building or structure, a use which is commonly incidental, subordinate and exclusively devoted to the main use of a building and is situated within the same building or on the same lot.

Active Transportation: non-motorized travel, including walking, cycling, inline skating and wheelchair movements. The active transportation network includes sidewalks, crosswalks, designated road lanes and off-road trails to accommodate active transportation (Metrolinx, 2008).

Adjacent: in regard to cultural heritage and archaeology, those lands contiguous to, or located within 50 metres of, a protected heritage property.

Agricultural Use: means the growing of crops, including nursery and horticultural crops; raising of livestock; raising of other animals for food, fur or fibre, including poultry and fish; aquaculture; apiaries; agro-forestry; maple syrup production; and associated on-farm buildings and structures, including accommodation for full-time farm labour when the size and nature of the operation requires additional employment (PPS, 2005).

Airport Waste: means waste generated from the John C. Munro Hamilton International Airport.

Ancillary: means subordinate use that supports a principal use or a primary function of a site or area.

Archaeological Resources: include artifacts, archaeological sites and marine archaeological sites. The identification and evaluation of such resources are based upon archaeological fieldwork undertaken in accordance with the Ontario Heritage Act (PPS, 2005).

Community Facilities/Services: means lands, buildings, and structures that support a high quality of life for people and communities by providing services for health, education, recreation, social or cultural activities, security and safety. Community facilities/services may include but not be limited to community and recreation centres, arenas, parks, health care facilities, day care centres, senior’s centres, emergency medical services, fire services, police services, cultural facilities, places of worship, museums, schools, and libraries. Community facilities/services may be publicly or privately owned and/or operated.

Compatibility/compatible: means land uses and building forms that are mutually tolerant and capable of existing together in harmony within an area. Compatibility or compatible should not be narrowly interpreted to mean “the same as” or even as “being similar to”.

Core Areas: includes key natural heritage features, key hydrologic features, and local natural areas.

Cultural Heritage Conservation Plan Statement: A document comprising text and graphic material including plans, drawings and photographs that contains the results of historical research, field work, survey, analysis, and description(s) of cultural heritage resources together with a statement of cultural heritage value, interest, merit or significance accompanied by guidelines as required by the policies of this Plan. A cultural heritage conservation plan statement shall be considered a conservation plan as including in the PPS (2005) definition of conserved (above).
**Cultural Heritage Impact Assessment**: A document comprising text and graphic material including plans, drawings and photographs that contains the results of historical research, field work, survey, analysis, and description(s) of cultural heritage resources together with a description of the process and procedures in deriving potential effects and mitigation measures as required by official plan policies and any other applicable or pertinent guidelines. A cultural heritage impact assessment may include an archaeological assessment where appropriate.

**Cultural Heritage Landscape**: A defined geographical area of heritage significance which has been modified by human activities and is valued by a community. It involves a grouping(s) of individual heritage features such as structures, spaces, archaeological sites and natural elements, which together form a significant type of heritage form, distinctive from that of its constituent elements or parts. Examples may include, but are not limited to, heritage conservation districts designated under the Ontario Heritage Act; and villages, parks, gardens, battlefields, mainstreets and neighbourhoods, cemeteries, railways and industrial complexes of cultural heritage value (PPS, 2005).

**Cultural Heritage Resources**: Structures, features, sites, and/or landscapes that, either individually or as part of a whole, are of historical, architectural, archaeological, and/or scenic value that may also represent intangible heritage, such as customs, ways-of-life, values, and activities.

**Development (Urban)**: means the creation of a new lot, a change in land use, or the construction of buildings and structures requiring approval under the Planning Act but does not include:

a) activities that create or maintain infrastructure used by a public body and authorized under an environment assessment process; or,

b) works subject to the Drainage Act. (PPS, 2005, amended)

**Downtown Urban Growth Centre**: means the area corresponding with the Downtown Hamilton Community Improvement Project Area as defined at the date of adoption of this Plan and subject to Policy 2.2.4 of the Province’s Growth Plan for the Greater Golden Horseshoe (2006).

**Employment Area (formerly referred to as Industrial Areas)**: Areas designated in an official plan for clusters of business and economic activities including, but not limited to, manufacturing, warehousing, offices, and associated retail and ancillary facilities (PPS, 2005).

**Existing**: when used in reference to a use, lot, building or structure, means any use, lot, building or structure legally established or created prior to the day of approval of this Official Plan.

**Fish Habitat**: means the spawning grounds and nursery, rearing, food supply, and migration areas on which fish depend on directly or indirectly in order to carry out their life processes (PPS, 2005).

**Flood Plain**: for river, stream and small inland lake systems, means the area, usually low lands adjoining a watercourse, which has been or may be subject to flooding hazards (PPS, 2005).

**Greenfield Area**: means the area within the urban area that is not built-up area.
**Ground Water Feature**: refers to water related features in the earth's subsurface, including recharge/discharge areas, water tables, aquifers and unsaturated zones that can be defined by surface and subsurface hydrogeological investigations (PPS, 2005).

**Hedgerows**: means a narrow, linear band or row of trees or shrubs with a minimum width of 10 metres and length of 200 metres or more. Hedgerows are linear natural or cultural features which may contribute to species dispersal.

**Historic**: means a time period, starting approximately 200 years ago, during which European settlement became increasingly widespread in the Hamilton area and for which a written (or 'historic') record has been kept.

**Infrastructure**: means physical structures (facilities and corridors) that form the foundation for development. Infrastructure includes: sewage and water systems, sewage treatment systems, waste management systems, electric power generation and transmission, communications/telecommunications, transit and transportation corridors and facilities, oil and gas pipelines and associated facilities (PPS, 2005).

**Lake**: means any inland body of standing water usually fresh water larger than a pool or pond or a body of water filling a depression in the earth's surface (Greenbelt Plan, 2005).

**Light Rail Transit (LRT)**: means a lightweight rail car rapid transit service operating on fixed rails in the right-of-way, usually at street-level, is typically propelled by overhead electrical wires, and offers a frequent, fast, reliable, comfortable and high quality service that is sustainable. Light rail transit (LRT) excludes heavy rail.

**Linkages**: means landscape areas that connect natural areas. Linkages are also important natural features, either in their own right or through restoration activities. They are avenues along which plants and animals can propagate, genetic interchange can occur, populations can move in response to environmental changes and life cycle requirements, and species can be replenished from other natural areas. Conserving linkages also protects and enhances Core Areas.

**Multi-Modal [transportation]**: The availability or use of more than one form of transportation, such as automobiles, walking, cycling, buses, rapid transit, rail (such as commuter and freight), trucks, air and marine (Growth Plan, 2006).

**Negative Impact**: means

- a) In regard to water, degradation to the quality or quantity of surface or ground water, key hydrologic features or vulnerable areas, and their related hydrologic functions, due to single, multiple or successive development or site alteration activities;

- b) In regard to fish habitat, the harmful alteration, disruption, or destruction of fish habitat, except where, in conjunction with the appropriate authorities, it has been authorized under the Fisheries Act, using the guiding principle of no net loss of productive capacity; and,

- c) In regard to other natural heritage features and areas, degradation that threatens the health and integrity of the natural features or ecological functions for which an
area is identified due to single, multiple, or successive development or site alteration activities. (PPS, 2005)

**Planning Act:** The Planning Act is Provincial legislation that sets out the ground rules for land use planning in Ontario and describes how land uses may be controlled, and who may control them.

**Quality and Quantity of Water:** is measured by indicators such as minimum base flow, depth to water table, aquifer pressure, oxygen levels, suspended soils, temperature bacteria, nutrients and hazardous contaminants, and hydrological regime (PPS, 2005).

**Rapid Transit:** Transit service separated partially or completely from general vehicular traffic and therefore able to maintain higher levels of speed, reliability and vehicle productivity than can be achieved by transit vehicles operating in mixed traffic. Rapid transit can include light rail transit and/or bus rapid transit (adapted from Metrolinx, 2008).

**Redevelopment:** means the creation of new units, uses or lots on previously developed land in existing communities, including brownfield sites (PPS, 2005).

**Renewable Energy Systems:** means the production of electrical power from an energy source that is renewed by natural processes including, but not limited to, wind, water, a biomass resource or product, or solar and geothermal energy.

**Secondary Uses:** means uses secondary to the principal use of the property, including but not limited to home occupations, home industries, and uses that produce value added agricultural products from the farm operation on the property (PPS, 2005).

**Sensitive:** in regard to surface water feature and ground water feature, means areas that are particularly susceptible to impacts from activities or events including, but not limited to, water withdrawals, and additions of pollutants (PPS, 2005).

**Sensitive Land Use:** means a building, amenity area, or outdoor space where routine or normal activities occurring at reasonably expected times would experience one or more adverse effect(s) from contaminant discharges generated by a nearby major facility. The sensitive land use may be a part of the natural or built environment. Depending on the particular facility involved, a sensitive land use and associated activities may include one or a combination of:

a) residences or facilities where people sleep (e.g. single and multi-unit dwellings, long term care facilities, hospitals, trailer parks, campgrounds, etc.). These uses are considered to be sensitive 24 hours a day;

b) a permanent structure for non-facility related use, particularly of an institutional nature (e.g. schools, churches, community centres, day care centres);

c) certain outdoor recreational uses deemed by a municipality or other level of government to be sensitive (e.g. trailer park, picnic area, etc.);

d) certain agricultural operations (e.g. cattle raising, mink farming, cash crops and orchards);
e) bird/wildlife habitats or sanctuaries. (MOE Guidelines, Procedure D-1-3, amended)

**Significant**: In regard to cultural heritage and archaeology, means cultural heritage resources that are valued for the important contribution they make to our understanding of the history of a place, an event, or a people (PPS, 2005).

**Small Scale**: used to describe a permitted agriculture-related or secondary use, shall mean those uses that are characterized by a size and intensity of activity that is clearly secondary to and does not negatively impact the predominant use of the lands for agricultural uses, and which meet the maximum floor area, site coverage and other provisions of the Zoning By-law specific to that use.

**Structure**: means any structure that requires a buildings permit under the Building Code.

**Transportation Management Association**: means a non-profit organization aimed at providing sustainable transportation solutions as well as improved mobility and accessibility.

**Valley Lands**: means a natural area that occurs in a valley or other landform depression that has water flowing through or standing for some period of the year (PPS, 2005).

**Vegetation Protection Zone (Greenbelt Plan)**: means a vegetated buffer area surrounding a key natural heritage feature or key hydrologic feature within which only those land uses permitted within the feature itself are permitted. The width of the vegetation protection zone is to be determined when new development or site alteration occurs within 120 metres of a key natural heritage feature or key hydrologic feature. And is to be of sufficient size to protect the features and its functions from the impacts of the proposed change and associated activities that will occur before, during and after, construction, and where possible, restore or enhance the features and/or its function (Greenbelt Plan, 2005).

**Vegetation Protection Zone (Outside of the Greenbelt Plan area)**: means a vegetated buffer area surrounding a Core Area which is of sufficient size to protect the features and functions from the impacts of the proposed change and associated activities that will occur before, during, and after construction. Where possible, the buffer should restore or enhance the features and/or functions of the Core Area. The width of the vegetation protection zone is to be determined when new development or site alteration is proposed within the adjacent lands to the Core Area.

**Waste**: means materials that are defined as waste under Part V of the *Environmental Protection Act*.

**Waste Processing Facility**: means the use of land, building, structure, or part thereof, for the sorting and processing of waste and recyclable materials and which has a Certificate of Approval for such purpose under Part V of the *Environmental Protection Act*. Waste processing facilities shall include but not be limited to: thermal treatment, blue box recyclable recovery facilities, open-air or in-vessel organics processing, wood waste recycling, construction and demolition waste recycling and/or a Co-generation Energy Facility, but shall not include a Motor vehicle Wrecking Establishment or a Salvage Yard.

**Waste Transfer Facility**: means the use of land, building, structure or part thereof, for the temporary storage and collection of waste and which has a Certificate of Approval for such purpose under Part V of the *Environmental Protection Act*. A waste transfer facility may also include limited sorting of such waste prior to its transport.
**Watershed**: means an area that is drained by a river and its tributaries.

**Wetlands**: mean land such as swamp, marsh, bog, or fen (not including land that is being used for agricultural purposes and no longer exhibits wetland characteristics) that:

- a) is seasonally or permanently covered with shallow water or has the water table close to or at the surface;
- b) has hydric soils and vegetation dominated by water-tolerant plants; and
- c) has been further identified according to evaluation procedures established by the Ministry of Natural Resources, as amended from time to time.

This includes provincially and locally significant wetlands. (Greenbelt Plan, 2005)

**Woodlands**: means treed areas that provide environmental and economic benefits to both the private landowners and the general public, such as erosion prevention, hydrological and nutrient cycling, provision of clean air and the long-term storage of carbon, provision of wildlife habitat, outdoor recreational opportunities, and the sustainable harvest of a wide range of woodland products. Woodlands include treed areas, woodlots or forested areas (PPS, 2005).