



**Arborland  
Forestry Consulting**

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September 18, 2017

Mr. Steve Schiedel  
Greenhorizons Sod Farms  
2907 Upper James Street  
Mount Hope, Ontario L0R 1W0

**Re: Tree Inventory Plan – Lots 1, 2 English Church Road**

On September 15, 2017 I was asked to do a Tree Inventory Management Plan for proposed residential building sites on English Church Road, Hamilton Ontario. The following is a summary of the inventory and tree removal or retention reasons:

**General Vegetation Inventory**

The 12 trees assessed on the proposed building lots are mainly smaller native and non-native species. Most were naturally regenerated with only 3 having been planted. The smaller trees on the east building lot are all close to or on the proposed septic field and should be removed. On the west building lot only one tree will be removed as it has emerald ash borer, the others are away from the building envelope and can be retained. There were no rare, threatened or endangered species noted on the site.

**General Observations**

Since any trees to be retained are well outside of the building envelope no protection measures will be necessary.

If you have any questions please contact me.

Sincerely,

Bruce Zavitz

Arborland Forestry Consulting

Ontario Professional Foresters Association – Associate # 2084



Attachments: Detailed Tree Inventory – Table 1

**NOTED TREE PHOTOS FOR TREE INVENTORY– Lot 1, 2 English Church Road**

**Tree I: Ash – Lot 2**



**Tree II: Ash – Lot 2**



**Tree III: Manitoba  
Maple – Lot 2**



**Tree IV: Manitoba Maple  
- Lot 2**



**Tree V: Norway Maple**  
- Lot 1



**Tree VI: Norway Maple**  
- Lot 1



**Tree VII: Ash – Lot 1**



**Tree VIII, IX, X & XI:**  
**Black Walnut Cluster**  
- Lot 1



**Table 1: Tree Inventory – English Church Road East – (Part 1 Lot – West)**

Date: September 1, 2017

Surveyor: Arborland Forestry Consulting

KEY Tree #	Common Name	Scientific Name	Average DBH Cm +/-	Crown Height m	Action	Reason For Tree Removal / Retention	Condition / Form	Crown Spread m	Owner	Municipal Min. Tree Protection Zone	Actual Tree Protection Zone
1	Norway Maple	<i>Acer platanoides</i>	30	8.0	Retain	Tree has numerous dead branches in the crown with 10% + crown mortality. There is a large seam with internal rot. The tree can be retained but should be removed as defects worsen.	Fair	5.2 m	Private	n/a	n/a
2	Norway Maple	<i>Acer platanoides</i>	32	9.0	Retain	The main trunk has a crack and seam on the main trunk. The tree is quite healthy otherwise.	Good	6.1	Private	"	n/a
3	White Ash	<i>Fraxinus americana</i> L.	28	6.0	Remove	Tree has a broken top and is being killed by Emerald Ash Borer.	Poor	6.1	Private	n/a	n/a
4	Black Walnut	<i>Juglans nigra</i> L.	4	4.0	Retain	Walnut cluster is quite healthy.	Good	2.1	Private	n/a	n/a
5	Black Walnut	<i>Juglans nigra</i> L.	4	3.0	Retain	"	Good	2.1	Private	"	n/a
6	Black Walnut	<i>Juglans nigra</i> L.	6	5.0	Retain	"	Good	3.0	Private	"	n/a
7	Black Walnut	<i>Juglans nigra</i> L.	7	6.0	Retain	"	Good	3.6	Private	"	n/a

**Table 1: Tree Inventory – English Church Road East – (Part 2 Lot – East)**

Date: September 1, 2017

Surveyor: Arborland Forestry Consulting

KEY Tree #	Common Name	Scientific Name	Average DBH Cm +/-	Crown Height m	Action	Reason For Tree Removal / Retention	Condition / Form	Crown Spread m	Owner	Municipal Min. Tree Protection Zone	Actual Tree Protection Zone
1	White Ash	<i>Fraxinus americana</i> L.	5	2.1	Remove	Large broken branch on east side. Tree will eventually die from emerald ash borer. It is close to proposed septic field envelope	Fair	1.4 m	Private	n/a	n/a
2	White Ash	<i>Fraxinus Americana</i> L.	9	3.6	Remove	Close to proposed septic field area. Will eventually die from emerald ash borer.	Good	3.0	Private	n/a	n/a
3	Manitoba Maple	<i>Acer negundo</i> L.	4	1.8	Remove	Within proposed septic field area. Considered a "weed tree species".	Good	1.4	Private	n/a	n/a
4	Manitoba Maple	<i>Acer negundo</i> L.	4	2.4	Remove	Within proposed septic field area. Considered a "weed tree species".	Good	2.1	Private	n/a	n/a
5	Poplar spp.	<i>Populus L.</i>	1	1.0	Remove	Within proposed septic field area.	Good	1.0	Private	n/a	n/a



# Part 1 Lot - West

Notes:



## Legend

- Building as Symbol
- Building to Scale
- Airport
- Reservoir / Hospital / Hospital
- Seaplane Base
- Ferry Route
- Trail
- Trail Head
- Railway / Train Station
- Railway with Bridge
- Railway with Tunnel
- Road (Major - Minor)
- Winter Road
- Road with Bridge
- Road with Tunnel
- 400 Series Highway
- Secondary Highway
- Tertiary Highway
- District, County, Regional or Municipal Road
- One Way Road
- Road with Permanent Right of Way
- Road with Address Ranges
- Hydro Line, Communication Line
- Natural Gas Transmission Line
- Water Transmission Line
- Water Pipeline
- Water Pipeline
- Spot Height
- Index Contour
- Contour
- Wooded Area
- Wetland
- Waterbody
- Waterbody Elevation
- Watercourse
- Falls
- Rapids
- Rapids / Falls
- Roads
- Roads
- Lock Gate
- Dam / Hydro Wall
- Dam / Hydro Wall
- Provincial State Boundary
- International Boundary
- Municipal Boundary
- Municipal Boundary
- Lower Tier 1, Single Tier
- Municipal Boundary
- Lot Line
- Indian Reserve
- Provincial Park
- National Park
- Conservation Reserve
- Military Lands



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**Part 2 Lot - East**

Notes:



**Legend**

- Building as Symbol
- Building to Scale
- Airport
- Helipoint \ Hospital Helipoint
- Seaplane Base
- Ferry Route
- Trail
- Trail Head \
- Railway \ Train Station
- Railway with Bridge
- Railway with Tunnel
- Road (Major \ Minor)
- Water Road
- Road with bridge
- Road with Tunnel
- 400 Series Highway
- Secondary Highway
- Tertiary Highway
- District, County, Regional or Municipal Road
- 701 Highway
- One Way Road
- Road with Permanent Bridge
- Road with Address Ranges
- Hydro Line, Communication Line or Other non Transmission Line
- Water Pipeline
- Water Pipeline of Unknown Profile
- Spot Height
- Index Contour
- Contour
- Wooded Area
- Wetland
- Waterbody
- Waterbody Elevation
- Watercourse
- Falls
- Rapids
- Rapids \ Falls
- Rapids
- Rocks
- Lock Gate
- Dam \ Hydro Wall
- Dam \ Hydro Wall
- Provincial \ State Boundary
- International Boundary
- Municipal Boundary
- Lower Tier \ Single Tier Municipal Boundary
- Lot Line
- Indian Reserve
- Provincial Park
- National Park
- Conservation Reserve
- Military Lands



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