

Tree Inventory and Arborist Report

TOWN OF CALEDON
PLANNING
RECEIVED
Nov.29, 2021

prepared for: Landscape Planning Limited
regarding site:
13656 Emil Kolb Pkwy
Caledon, ON.

prepared by:

**THE
URBAN
ARBORIST**



— FROM THE ROOTS UP —

The Urban Arborist INC.
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Certified and Insured
"From the roots up."

ISA Certified Arborist Robert Rafal Lis Cert. # ON-1374A

February 26, 2021

INTRODUCTION

The following Tree Inventory and Arborist Report has been prepared for Landscape Planning LTD. Site location is 13656 Emil Kolb Pkwy Caledon, ON. The lot is a vacant lot.

All trees on the property were tagged and inventoried measuring 10cm in diameter and greater within property. Information gathered was as follows.

1. Tag number
2. Species
3. Diameter (DBH)
4. Health and structural condition rating
5. Reason for poor rating

Health Rating Table

Very Poor 19%-0%	Tree displays severe dieback of branches, canopy is extremely sparse. May exhibit extreme pathogen infestation or infection. Or tree is dead.
Poor 39%-20%	Tree displays some dieback. Branches or canopy is sparse with little or no signs of new growth or vigor. Possible pathogen infestation or infection. Foliar canopy is sparse.
Average 59%-40%	Tree is developing in a manner typical to others in the area. Canopy is full.
Good 79%-60%	New growth is vigorous as evidenced by stem elongation and color. Canopy is dense.
Very Good 100% - 80%	In addition to the attributes of a good rating, tree is displaying extremely vigorous growth and trunk displays a pattern of vigor cracks or lines.

Structural Rating Table

Very Poor 19%-0%	Trunk has large pockets of decay, is bifurcated or has a severe lean. Limbs or branches are poorly attached or dead. Possible hazard.
Poor 39%-20%	Limbs or branches are poorly attached or developed. Canopy is not symmetrical. Trunk has a lean.
Average 59%-40%	Trunk, limb and branch development though flawed is typical of this species.
Good 79%-60%	Trunk is well developed with well attached limbs and branches; some flaws but are hardly visible.
Very Good 100%-80%	In addition to attributes of a a good rating, the tree exhibits a well developed root flare and a balanced canopy.

INTRODUCTION cont.

Factors assessed are as follows:

Trunk

- ☒ Cavities
- ☒ Mechanical injury
- ☒ Cracks
- ☒ Swollen/sunken areas
- ☒ Insects/disease
- ☒ Fungi

Small Branches/Twigs

- ☒ Vigour/growth rates
- ☒ Distribution
- ☒ Appearance
- ☒ Insects/disease
- ☒ Dieback

Bark

- ☒ Taper
- ☒ Distribution
- ☒ Decay/cavities
- ☒ Deadwood
- ☒ Insects/disease

Foliage/Buds

- ☒ Size of foliage/buds
- ☒ Foliage colour
- ☒ Foliage injury
- ☒ Dieback

Scaffold Branches

- ☒ Attachments/included

Buds/foliage

- ☒ Insects/disease

Roots

- ☒ Collar/flare
- ☒ Mechanical injury
- ☒ Girdling roots
- ☒ Insects/disease
- ☒ Decay/fungi

Guidelines of Preservation

1. Preserve, Protect & Maintain

Includes protection with tree preservation hoarding, as well as pre- and post-construction arboricultural works.

2. Preserve & Protect

Includes the installation of tree protection hoarding; no maintenance will be required unless specified in the recommendations.

3. Retain

No protection or maintenance measures are required. Installation of tree protection barriers is optional.

A total of 20 trees have been tagged and inventoried.

Arborist Report prepared by



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February 26, 2021

John Shank
Landscape Planning Limited
207- 95 Mural Street
Richmond Hill, ON.
L3B 3G2

Re: 13656 Emil Kolb Pkwy. Caledon, ON.

Location: (refer to Landscape Plan by Landscape Planning Limited)

Species: (refer to Landscape Plan by Landscape Planning Limited)

Nature of Work: Tagging and Inventory of existing trees within site limits.

Summary: A total of 20 trees were tagged and inventoried. Trees in conflict with redevelopment are to be removed. A total of 17 trees are to be removed for site development.

A site inspection was made on February 23 2021 to tag and inventory all existing trees on the property. All trees measuring 15cm in diameter and greater and all city trees have been included in this report.

Robert Rafal Lis
The Urban Arborist Inc.
ISA Certified Arborist No. ON-1374A
MTCU Qualified Arborist 18004025
Butternut Health Assessor #644

13656 Emil Kolb Pkwy. Bolton, ON. - Tree Inventory February 23, 2021

<u>Tag #</u>	<u>Common Name</u>	<u>Botanical Name</u>	<u>Diameter at Breast Height CM</u>	<u>Health Condition</u>	<u>Structural Condition</u>	<u>Notes</u>	<u>Recommendations Based on Site Plan and Assessment</u>
1215	Austrian Pine	Pinus nigra	28	Average	Average	At north side of lot	Remove
1216	Austrian Pine	Pinus nigra	13	Average	Average	At north side of lot	Remove
1217	Austrian Pine	Pinus nigra	30	Average	Average	At north side of lot	Remove
1218	Austrian Pine	Pinus nigra	35	Average	Average	At north side of lot	Remove
1219	Austrian Pine	Pinus nigra	32	Average	Average	At north side of lot	Remove
1220	Austrian Pine	Pinus nigra	40	Average	Average	At north side of lot	Remove
1221	Austrian Pine	Pinus nigra	25	Average	Average	At north side of lot	Remove
1222	Austrian Pine	Pinus nigra	42	Average	Average	At north side of lot	Remove
1223	Austrian Pine	Pinus nigra	38	Average	Average	At south east side of lot	Remove
1224	Austrian Pine	Pinus nigra	27	Average	Average	At south east side of lot	Remove
1225	Austrian Pine	Pinus nigra	26	Average	Average	At south east side of lot	Remove
1226	Austrian Pine	Pinus nigra	28	Average	Average	At south east side of lot	Remove
1227	Austrian Pine	Pinus nigra	27	Average	Average	At south east side of lot	Remove
1228	Carolina Poplar	Populus canadensis	16	Average	Average	small clump of 5	Remove
1229	Black Walnut	Juglans nigra	18	Average	Average	At rear fence line	Remove
1230	Ginkgo	Ginkgo biloba	8	Average	Average	City tree - In conflict w/ proposed driveway construction	Remove
1231	Red Oak	Quercus rubra	12	Average	Average	City tree - In conflict w/ proposed driveway construction	Remove
1232	Norway Maple	Acer platanoides	9	Average	Average	City tree	Retain
1233	Norway Maple	Acer platanoides	7	Average	Poor	City tree, Leaning heavy to south	Retain
1234	Norway Maple	Acer platanoides	6	Average	Average	City tree	Retain



1229 (clump).jpg



Tree 1215 - 1222.jpg



Tree 1223 - 1227.jpg



Tree 1228.jpg