

# Tree Inventory and Arborist Report

prepared for: Landscape Planning Limited  
regarding site:  
10432 Islington Avenue.  
City of Vaughan

prepared by:



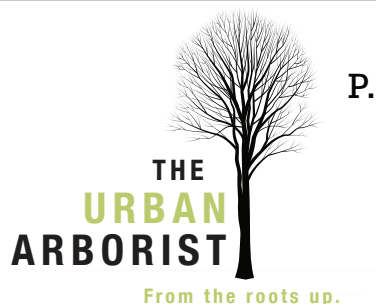
**The Urban Arborist INC.**  
P.O. BOX 74525 HUMBERTOWN CENTRE, ETOBICOKE ON. M9A 5E2  
Tel: 416.833.6467  
[www.TheUrbanArborist.ca](http://www.TheUrbanArborist.ca)  
Certified and Insured  
"From the roots up."

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

February 15th, 2020

**ATTACHMENT 9**



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February 15th, 2020

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

Re: 10432 Islington Avenue. Vaughan, ON.

Species: (see attached Tree Inventory, Preservation and Removal Plan by Landscape Planning Limited)

Location: (see attached Tree Inventory, Preservation and Removal Plan by Landscape Planning Limited)

Nature of Work: Tagging and Inventory of existing trees within site limits and beyond 3m. Additional trees beyond slope included in study.

Summary: A total of 57 trees were tagged and inventoried. A total of 21 trees are greater than 20cm in diameter. There are a total of 28 trees proposed to be removed, 12 of which are greater than 20cm in diameter.

A site inspection was made on August 13th, 2015, March 20th, 2016, and later on November 20th, 2019 to tag and inventory all existing trees on the property and beyond to 3 meters. I hereby certify that all data collected on site is accurate.

Robert Rafal Lis  
ISA Certified Arborist  
No. ON-1374A

# INTRODUCTION

The following Tree Inventory Report has been prepared for Landscape Planning Limited.  
Site location is **10432 Islington Avenue. Vaughan, ON.**

The site is a residential property with two existing buildings. There is a large slope starting near the western property line that continues beyond property. All significant trees were tagged and inventoried. 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 57 trees have been tagged and inventoried situated on private property.

**10432 Islington Avenue, Vaughan, ON. Tree Inventory - February 15th, 2020**

Tag #	Common Name	Botanical Name				Health Condition	Structural Condition	Notes	Crown Radius (m)	Recommendations	TPZ
434	Black Locust	Robinia pseudoacacia	16	x	13	Good	Good	Co-dominant, on slope	4	Remove	
435	Black Locust	Robinia pseudoacacia	14	x	10	Good	Good	Co-dominant, on slope	4	Remove	
436	Black Locust	Robinia pseudoacacia	14			Good	Good	On slope	4	Remove	
437	Manitoba Maple	Acer negundo	16			Average	Average	On slope	5	Remove	
438	Black Walnut	Juglans nigra	54	x	34	Average	Average	Co-dominant, on slope	8	Remove	
439	Manitoba Maple	Acer negundo	27			Average	Average	On slope	3	Remove	
440	Siberian Elm	Ulmus pumila	38	x	40	Average/Poor	Average/Poor	Storm damage, deadwood, growing into neighbourin tree, rubbing	8	Remove	
441	Siberian Elm	Ulmus pumila	27			Average/Poor	Average/Poor	Storm damage, deadwood, growing into neighbourin tree, rubbing	4	Remove	
442	Norway Maple	Acer platanoides	6			Good	Good	Neighbours tree	2	Retain	1.2
443	Norway Maple	Acer platanoides	11			Good	Good	Neighbours tree	2	Retain	1.8
444	Siberian Elm	Ulmus pumila	19			Average	Average	Neighbours tree	5	Retain	1.8
445	Siberian Elm	Ulmus pumila	23			Average	Average	Neighbours tree	5	Retain	1.8
446	Norway Maple	Acer platanoides	5			Good	Good	Neighbours tree	2	Retain	1.2
447	Siberian Elm	Ulmus pumila	10			Average	Average	Neighbours tree	2	Retain	1.8
448	Norway Maple	Acer platanoides	15			Average	Average	Neighbours tree	3	Retain	1.8
449	Siberian Elm	Ulmus pumila	14			Average	Average	Neighbours tree	2	Retain	1.8
450	Siberian Elm	Ulmus pumila	26			Average	Average	Neighbours tree, storm damage, deadwood	5	Retain	1.8
451	Siberian Elm	Ulmus pumila	24			Average	Average	Neighbours tree, Co-dominant, leaning south eas	5	Retain	1.8
452	Norway Maple	Acer platanoides	12			Average	Average	Neighbours tree, crowded crow	2	Retain	1.8
453	Siberian Elm	Ulmus pumila	78			Average	Average	Neighbours tree, Co-dominant	6	Retain	4.8
454	Siberian Elm	Ulmus pumila	25			Average	Average	Neighbours tree	3	Retain	1.8
455	Norway Maple	Acer platanoides	15			Average	Average	Neighbours tree	3	Retain	1.8
456	Siberian Elm	Ulmus pumila	10			Average	Average	Neighbours tree	2	Retain	1.8
457	Norway Maple	Acer platanoides	8			Average	Average	Neighbours tree	2	Retain	1.2
458	Siberian Elm	Ulmus pumila	14			Average	Average	Neighbours tree	2	Retain	1.8
459	Norway Maple	Acer platanoides	9			Average	Average	Neighbours tree	2	Retain	1.2
460	Norway Maple	Acer platanoides	14			Average	Average	Neighbours tree	2	Retain	1.8
461	Manitoba Maple	Acer negundo	24	x	15	Average	Average	Neighbours tree	3	Retain	1.8
462	Norway Maple	Acer platanoides	12			Average	Average	Neighbours tree	2	Retain	1.8
<b>Additional Trees Beyond Slope 30m</b>											
301	Black Walnut	Juglans nigra	46			Average	Average	Beside tree 438	8	Remove	
302	Black Walnut	Juglans nigra	44			Average	Average	Behind tree 301	4	Remove	
303	Black Walnut	Juglans nigra	14			Average	Average	Near apex of proposed re-planting limi	2	Retain	1.8
304	Black Walnut	Juglans nigra	68			Average	Average	Co-dominant at first union	9	Retain	4.2
305	White Ash	Fraxinus americana	14			Average	Average		2	Retain	1.8
306	Manitoba Maple	Acer negundo	14			Average	Average		1	Retain	1.8
307	White Ash	Fraxinus americana	12			Average	Average		2	Remove	
308	Black Walnut	Juglans nigra	23			Average	Average	Bottom of main slope	5	Remove	
309	Manitoba Maple	Acer negundo	22			Poor	Poor	Broken Crown, bottom of main slope	2	Remove	
310	Black Walnut	Juglans nigra	46			Good	Good	Bottom of main slope	8	Remove	
311	Black Walnut	Juglans nigra	14			Average	Average		3	Retain	1.8
312	Black Walnut	Juglans nigra	13			Average	Average		2	Retain	1.8
313	Black Walnut	Juglans nigra	38			Average	Average	Some Crown Breakage	5	Retain	2.4
314	Black Walnut	Juglans nigra	43			Dead	Dead	Dead	3	Remove	
315	Black Walnut	Juglans nigra	25			Average	Average	Dead neighbouring tree in crow	6	Remove	
316	Manitoba Maple	Acer negundo	18			Poor	Average	Broken Crown	2	Remove	
317	Manitoba Maple	Acer negundo	26			Average	Average	Beside Storm Drain, Covered in Vines	4	Retain	1.8
318	Manitoba Maple	Acer negundo	14			Average	Average	In the middle of main slope	2	Remove	
319	Manitoba Maple	Acer negundo	17			Very Poor	Very Poor	Near bottom of slope	2	Remove	
320	Manitoba Maple	Acer negundo	23			Average	Average	Split union near base / Fallen	3	Remove	
321	Manitoba Maple	Acer negundo	19			Average	Average		2	Remove	
322	Manitoba Maple	Acer negundo	19			Average	Average		2	Remove	
323	Manitoba Maple	Acer negundo	16			Average	Average	Near bottom of main slope	2	Remove	
324	Siberian Elm	Ulmus pumila	15			Average	Average		2	Remove	
325	Siberian Elm	Ulmus pumila	15			Average	Average	Broken Crown / On main slope near bottom	2	Remove	
326	Siberian Elm	Ulmus pumila	15			Average	Average	On main slope	2	Remove	
327	Siberian Elm	Ulmus pumila	18	x	14	Average	Average		2	Remove	
328	White Ash	Fraxinus americana	15			Dead	Dead		2	Remove	