

Tree Inventory and Arborist Report

Subject Site:

10477 Islington Avenue. Kleinburg, ON. L0J 1C0

Prepared By:

**The Urban Arborist Inc.
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ISA Certified Arborist---Robert Rafal Lis---Cert. #ON-1374A

August 16, 2023

INTRODUCTION:

The following Tree Inventory and Arborist Report has been prepared for Landscape Planning Limited. Site location is 10477 Islington Avenue. Kleinburg, ON. L0J 1C0

All trees on the property were tagged and inventoried measuring 20cm in diameter at base (DAB) and greater within the property and beyond 6m. Information gathered was as follows:

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

Health Rating Table

Very Poor < 20%	Tree displays severe dieback of branches, canopy is extremely sparse. May exhibit extreme pathogen infestation or infection. Or tree is dead.
Poor >20% - <40%	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 >40% - <60%	Tree is developing in a manner typical to others in the area. Canopy is full.
Good >60% - <80%	New growth is vigorous as evidenced by stem elongation and color. Canopy is dense.
Very Good >80% - 100%	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 < 20%	Trunk has large pockets of decay, is bifurcated or has a severe lean. Limbs or branches are poorly attached or dead. Possible hazard.
Poor >20% - <40%	Limbs or branches are poorly attached or developed. Canopy is not symmetrical. Trunk has a lean.
Average >40% - <60%	Trunk, limb, and branch development though flawed is typical of this species.
Good >60% - <80%	Trunk is well developed with well attached limbs and branches; some flaws but are hardly visible.
Very Good >80% - 100%	In addition to attributes of a good rating, the tree exhibits a well developed root flare and a balanced canopy.

Factors assessed are as follows:

- | | | |
|---|---|---|
| <p style="text-align: center;"><u>Trunk</u></p> <ul style="list-style-type: none">• Cavities• Mechanical Injury• Cracks• Swollen / Sunken Areas• Insects / Diseases• Fungi <p style="text-align: center;"><u>Foliage / Buds</u></p> <ul style="list-style-type: none">• Size of Foliage / Buds• Foliage Colour• Foliage Injury• Dieback | <p style="text-align: center;"><u>Small Branches / Twigs</u></p> <ul style="list-style-type: none">• Vigour / Growth Rates• Distribution• Appearance• Insects / Disease• Dieback <p style="text-align: center;"><u>Scaffold Branches</u></p> <ul style="list-style-type: none">• Attachments / Included <p style="text-align: center;"><u>Buds / Foliage</u></p> <ul style="list-style-type: none">• Insects / Disease | <p style="text-align: center;"><u>Bark</u></p> <ul style="list-style-type: none">• Taper• Distribution• Decay / Cavities• Deadwood• Insects / Disease <p style="text-align: center;"><u>Roots</u></p> <ul style="list-style-type: none">• Collar / Flare• Mechanical Injury• Girdling Roots• Insects / Disease• Decay / Fungi |
|---|---|---|

Guidelines for 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

3. Retain

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

A total of 4 trees have been tagged and inventoried.



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August 16, 2023

**Landscape Planning Limited
95 Mural St #207
Richmond Hill, ON.
L4B 3G2**

Re: 10477 Islington Ave. Kleinburg, ON. L0J 1C0

The Urban Arborist Inc attended the subject site on August 15, 2023 to conduct a tree inventory and arborist report of all trees on the subject lot as well as any trees abutting the development within 6m.

A total of 4 trees were tagged and inventoried. Tree #1 - #3 are to be removed and tree # 4 to be retained. All trees on the subject site are proposed to be removed.

Compensation based on City of Vaughan replacement specifications will total the requirement of 12 replacement trees. There is no viable areas on the property where replacement trees can be accommodated on site. All required replacement trees will need to be paid out as cash-in-lieu of planting.

Tree #4 is 3.6m away from the property line and development will make impact at the property line. A tree permit to injure is required for the injury of tree #4. The existing fence can be used as a barrier for tree protection.

Attached are photographs of all trees inventoried.

Prepared By:

**Robert Rafal Lis
The Urban Arborist Inc.
ISA Certified Arborist
MTCU Qualified Arborist**

Tree Inventory – 10477 Islington Avenue, Kleinburg, ON. L0J 1C0. August 15, 2023

Tag #	Common Name	Botanical Name	Diameter @ Base (cm)	Diameter at Breast Height (cm)	Health Condition	Structural Condition	Notes	Recommendations Based on Site Plan	Minimum TPZ (m)	Proposed TPZ (m)	Replacement Ratio
001	Black Walnut	Juglans nigra	100	90	Fair/Poor	Fair/Poor	Co-dominant at 3 meters from base. Vines growing on lower portion, significant die back throughout tree. Some small branch failures.	Remove	5.4	-	4
002	Black Walnut	Juglans nigra	55	52	Fair	Fair	Minor vines growing in lower and significant die back throughout tree. Some branch failures.	Remove	3.6	-	4
003	Siberian Elm	Ulmus pumila	58 x 28 x 32 x 20	40 x 30 x 20 x 20 x 13 x 10	Fair	Fair/Poor	Multiple co-dominant stems with included bark and branch rubbing. Touching hydro line. Some stems topped.	Remove	3.6	-	4
004	Black Walnut	Juglans nigra	65	60	Fair	Fair	On neighbouring property.	Retain – Injure	4.2	3.6	-
Total Replacement Tree Required =											12



