



Noica Consulting Inc.

**ARBORIST REPORT
Site Tree Inventory & Tree Preservation Plan**

**Residence:
Marilu Abreu
8 Lester B. Pearson Street
Kleinburg ON
LOG 1C0**



**Arborist Derek Thompson
ISA Certified Arborist ON 1865A**

**Administrative Support
L. Valentine/ML Luna/Maverick Desolo**

Project No. 24-10182023

October 18, 2023

***102 Angelina Avenue
Vaughan, ON L4L 8N9***



Noica Consulting Inc.

Unless otherwise expressed, the information contained in this report covers only those items that were examined and reflect the condition of those items **at time of inspection.**

The inspection was made using accepted arboricultural techniques and is limited to visual examination of accessible items without climbing, dissection, probing or coring.

Terms & Methodology

DBH

Diameter at Breast Height is a measurement in cm, using a caliper tape, of the tree stem at 1.40 meters above existing grade.

BASAL DIAMETER

Diameter of the main tree stem as close to grade as possible.

CONDITION

A rating of **Hazardous / Dead / Poor / Fair / Good**, was determined for each tree by visually assessing all the above ground components of the tree, using acceptable International Society of Arboriculture (I.S.A) methods.

COMMON NAME

Each tree as named in a non-latin form.

BOTANTICAL NAME

Each tree as named in a latin form.

LCR

Living Crown ratio percentage related to crown/foilage



Noica Consulting Inc.

TREE NO. 1 - Norway Maple



This Norway Maple is located on the applicant's property.

This tree is in fair condition with a living crown ratio of 80%.

This tree will be preserved and protected before and during construction.

Kindly refer to Site Inventory Schedule for TPZ details.

This tree will not be affected by construction.



TREE NO. 2 – White Spruce



This White Spruce is located on the neighbouring property to the north.

This tree is in fair condition but has been aggressively elevated due to lack of grown space.

The living crown ratio is 70%.

This tree will be preserved and protected before and during construction.

Kindly refer to Site Inventory Schedule for TPZ details

This tree will not be affected by construction.



TREE NO. 3 – White Spruce



This White Spruce is located on the applicant's property.

This tree is poor condition and has a living crown ratio of 40%.

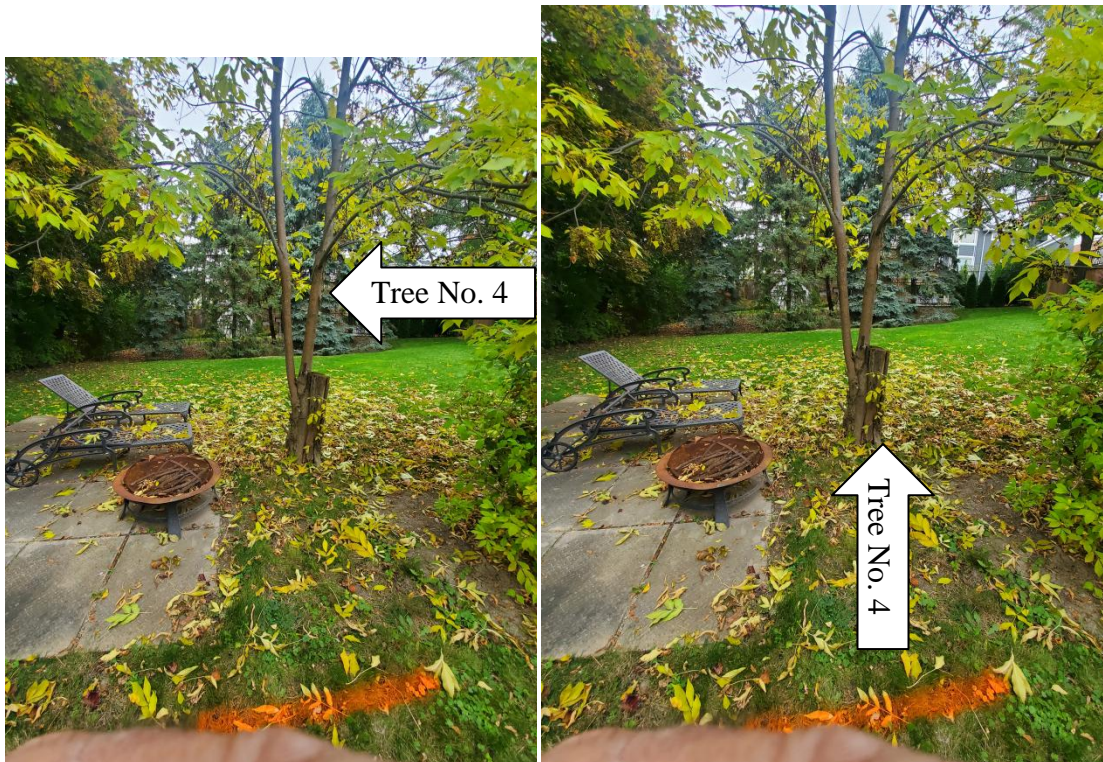
This tree will be removed to accommodate the construction of a new dwelling and landscaping plan.

A tree removal permit is not required due to its DBH size. The replanting obligations are not applicable.

Kindly refer to Site Inventory Schedule.



TREE NO. 4 – White Ash



This White Ash tree is located 2.4 m from the property line on the neighbouring property to the north. The orange marker indicates property line.

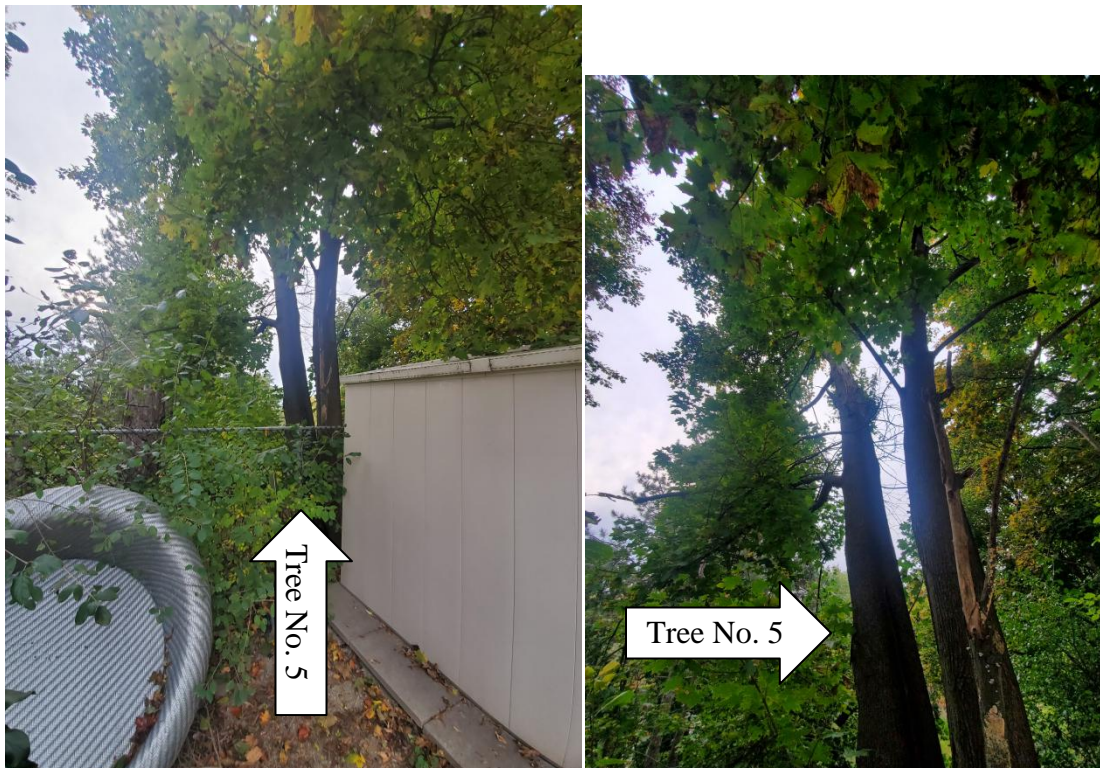
This tree is in poor condition with a living crown ratio is 20%. The two stems in the canopy are essentially sucker growth regenerated from a failed ash tree, due to “emerald ash borer disease”. Given this tree’s DBH size, distant from property line and species, protection with TPZ hoarding is not required.

Kindly refer to Site Inventory Schedule.

This tree will not be affected by construction.



TREE NO. 5 – Norway Maple – 2 stem



This Norway Maple is in poor condition and located on the neighbouring property to the west, 0.7m from the property line (fence).

The living crown ratio is approximately 40% due to crowded growing conditions.

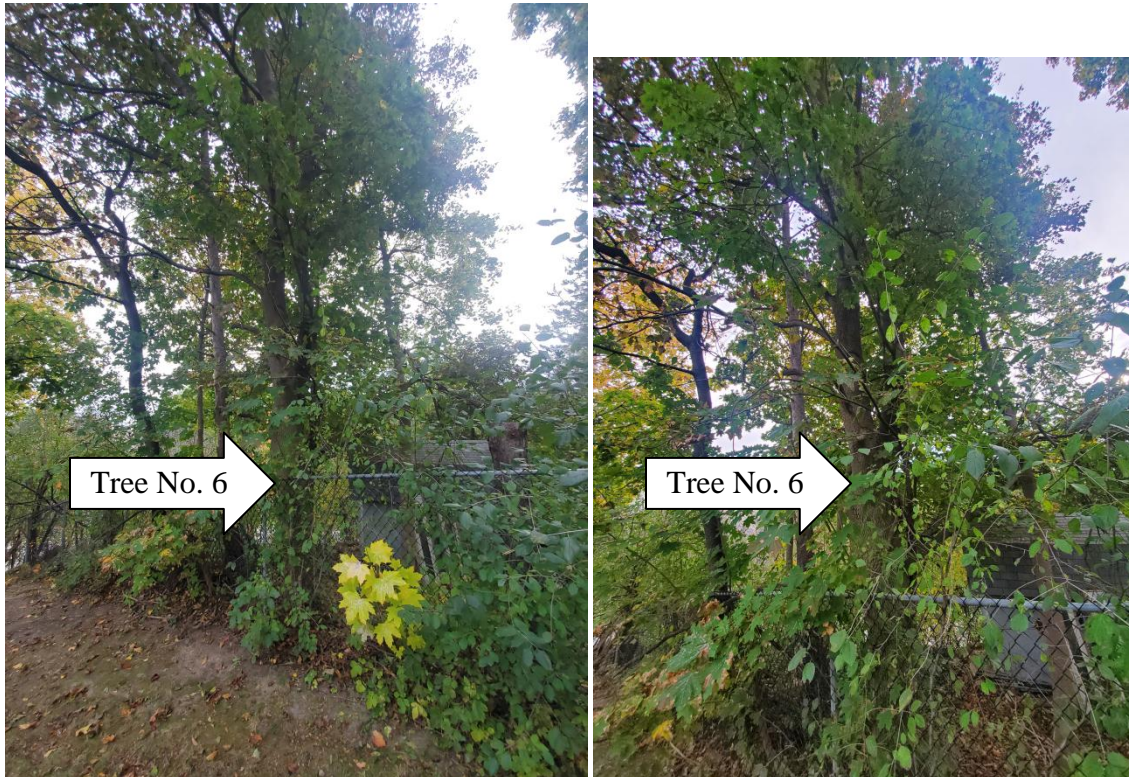
This tree will be preserved and protected before and during construction of the new dwelling and landscape plan with “Heavy Duty Hoarding” ...refer to drawing ULA110A.

Kindly refer to Site Inventory Schedule for TPZ details

This tree will not be affected by construction.



TREE NO. 6 – Norway Maple



This Norway Maple is in fair condition and located on the neighbouring property to the west, 0.5m from the property line (fence)..

The living crown ratio is approximately 50% due to crowded growing conditions.

This tree will be preserved and protected before and during construction of the new dwelling and landscape plan with “Heavy Duty Hoarding” ...refer to drawing ULA110A.

Kindly refer to Site Inventory Schedule for TPZ details

This tree will not be affected by construction.



TREE NO. 7 - Cherry



This Cherry tree is in poor condition and located on the neighbouring property to the west, 0.3m from the property line (fence).

The living crown ratio is approximately 40% due to crowded growing conditions.

Due to this tree DBH size, TPZ hoarding is not a requirement. As a courtesy to the neighbouring property to the west, the tree will be protected with vertical Heavy Duty Hoarding...refer to drawing ULA110A.

Kindly refer to Site Inventory Schedule for TPZ details

This tree will not be affected by construction.



TREE NO. 8 - Apple



This Apple tree will be removed due to its declining condition.

No permit is required due to its DBH size.

Replanting obligation does not apply.

Kindly refer to Site Inventory Schedule.



TREE NO. 9 – Norway Maple



This Norway Maple is in fair condition and located on the applicants property.

The living crown ratio is 60%.

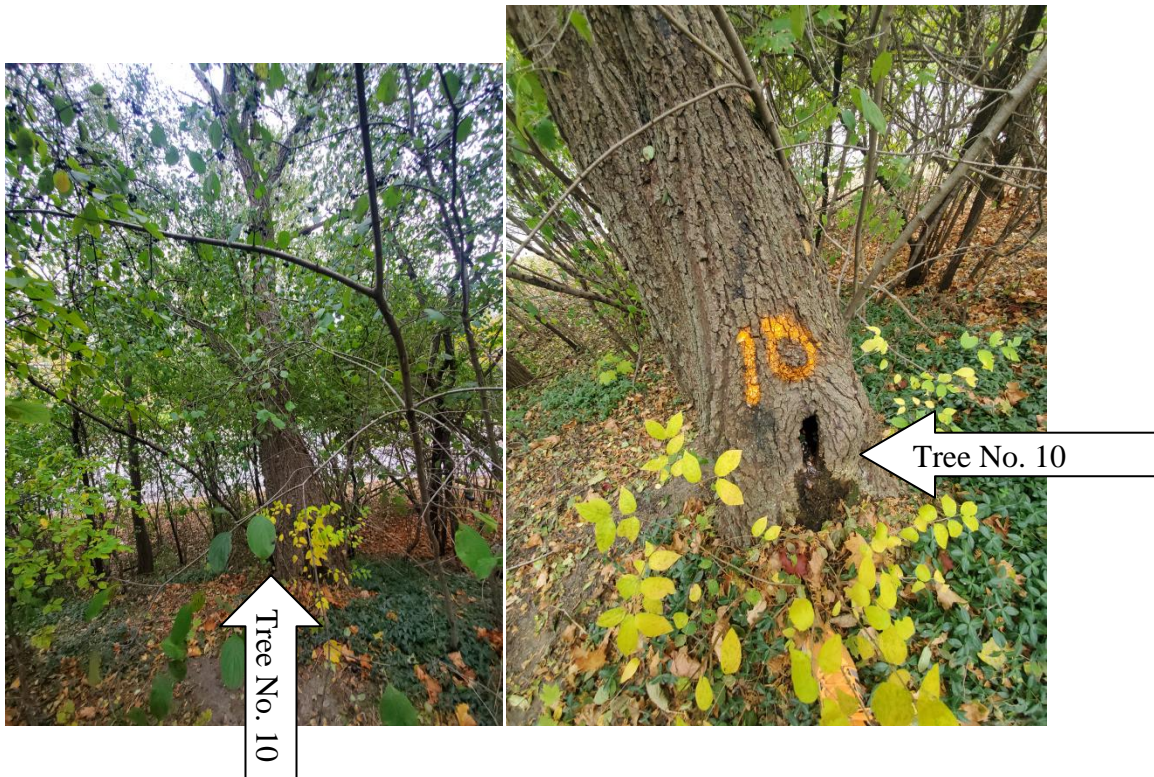
This tree will preserved and protected before and during construction of new dwelling and landscaping plan with “Heavy Duty Hoarding”refer to drawing ULA110A.

Kindly refer to Site Inventory Schedule for TPZ details

This tree will not be affected by construction.



TREE NO. 10 – Black Willow



This Black Willow is in fair to poor condition and located on the applicant's property.

The living crown ratio is 50%. The tree has a large cavity at the base.

This tree will be preserved and protected before and during construction of new dwelling and landscaping plan with "Heavy Duty Hoarding"refer to drawing ULA110A.

Kindly refer to Site Inventory Schedule for TPZ details

This tree will not be affected by construction.



TREE NO. 11 – White Cedar – 2 Stem



This 2 stem White Cedar tree is in poor condition and located on the applicant's property. The living crown ratio is 30%.

This tree will be removed to accommodate the construction of a new dwelling and landscaping plan. The replanting of 1 tree is required within 2 years of permit issuance.

Kindly refer to Site Replanting Plan.



TREE NO. 12 – White Cedar – 2 stem



This 2 stem White Cedar tree is in poor condition and located on the applicant's property. The living crown ratio is 30%.

This tree will be removed to accommodate the construction of a new dwelling and landscaping plan. The replanting of 1 tree is required within 2 years of permit issuance.

Kindly refer to Site Replanting Plan.



TREE NO. 13 – Buckthorn – multistem



This multistem Buckthorn tree is dead and located on the applicant's property.

This tree will be removed due to its condition.

No permit is required due to its condition. Replanting obligation does not apply.

Kindly refer to Site Inventory Schedule.



TREE NO. 14 – Norway Maple



This Norway Maple is in fair condition and located on the applicant's property.

The living crown ratio is 70%.

This tree will be removed to accommodate the construction of the new dwelling and landscape plan.

Permit is required for removal and the replanting of 2 trees is required within 2 years of permit issuance.

Kindly refer to Site Replanting Plan.



TREE NO. 15 – Black Walnut



This Black Walnut tree is in fair condition and located on the applicant's property.

The living crown ratio is 70%.

This tree will be removed to accommodate the construction of the new dwelling and landscape plan.

Permit is required for removal and the replanting of 1 tree is required within 2 years of permit issuance.

Kindly refer to Site Replanting Plan.



TREE NO. 16 – Siberian Elm



This Siberian Elm tree is in fair to poor condition and located on the applicant's property.

The living crown ratio is 60%.

This tree will be removed to accommodate the construction of the new dwelling and landscape plan.

Permit is required for removal and the replanting of 2 trees is required within 2 years of permit issuance.

Kindly refer to Site Replanting Plan.



TREE NO. 17 – Siberian Elm – 4 stem



This 4 stem Siberian Elm tree is in poor condition and located on the applicant's property.

The living crown ratio is 50%.

This tree will be removed to accommodate the construction of the new dwelling and landscape plan.

Permit is required for removal and the replanting of 2 trees is required within 2 years of permit issuance.

Kindly refer to Site Replanting Plan.



TREE NO. 18 – Siberian Elm – 3 stem



This 3 stem Siberian Elm tree is in fair to poor condition and located on the applicant's property.

The living crown ratio is 50%.

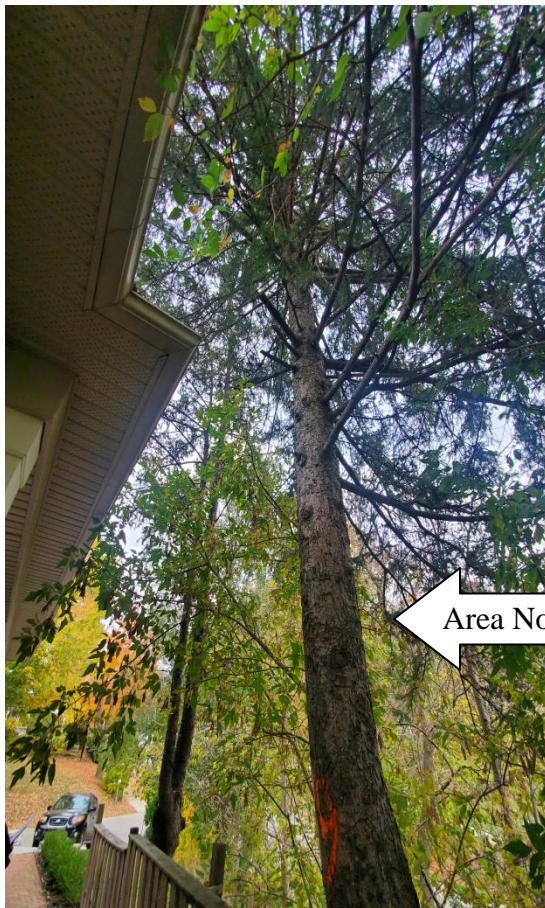
This tree will be removed to accommodate the construction of the new dwelling and landscape plan.

Permit is required for removal and the replanting of 2 trees is required within 2 years of permit issuance.

Kindly refer to Site Replanting Plan.



TREE NO. 19 – White Spruce



This White Spruce tree is in poor condition and located on the applicant's property.

The living crown ratio is 30%, due to very crowded growing conditions and Cytospora Fungal Infestation.

This tree will be removed to accommodate the construction of the new dwelling and landscape plan.

Permit is required for removal and the replanting of 3 trees is required within 2 years of permit issuance.

Kindly refer to Site Replanting Plan.



TREE NO. 20 – Black Cherry



This Black Cherry tree is in poor condition and located on the applicant's property.

The living crown ratio is 30%, due to very crowded growing conditions and Black Knot Fungus Infestation.

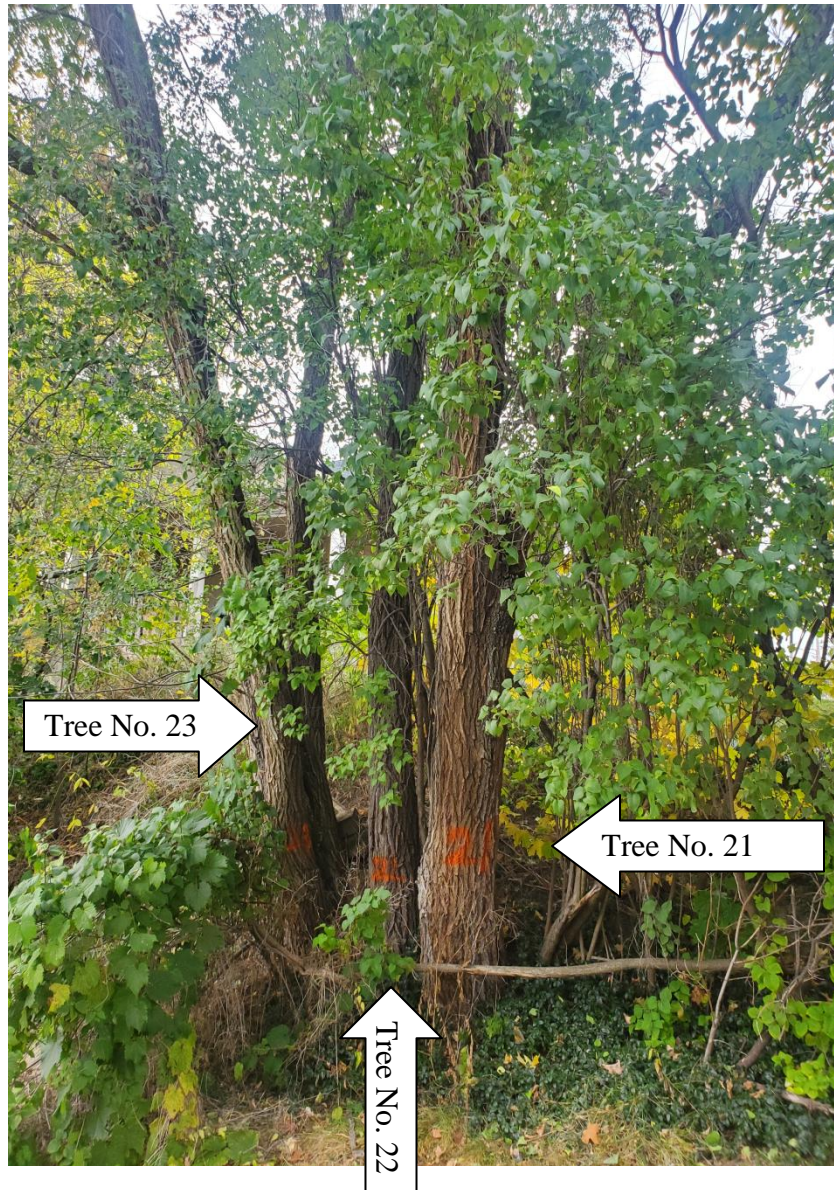
This tree will be removed to accommodate the construction of the new dwelling and landscape plan.

Permit is required for removal and the replanting of 1 tree is required within 2 years of permit issuance.

Kindly refer to Site Replanting Plan.



- TREE NO. 21 – Siberian Elm
- TREE NO. 22 – Siberian Elm
- TREE NO. 23 – Siberian Elm – 2 stem





Tree No. 21

This Siberian Elm is fair to poor condition and located on the City of Vaughan Right of Way, on the south side of the applicant's property.

This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"refer to drawing ULA110B.

The TPZ limits may be restricted to the municipal road and curb.

Kindly refer to the Site Tree Inventory Details

Tree No. 22

This Siberian Elm is fair to poor condition and located on the City of Vaughan Right of Way, on the south side of the applicant's property.

This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"refer to drawing ULA110B.

The TPZ limits may be restricted to the municipal road and curb.

Kindly refer to the Site Tree Inventory Details

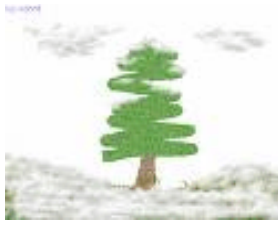
Tree No. 23

This 2-stem Siberian Elm is fair to poor condition and located on the City of Vaughan Right of Way, on the south side of the applicant's property.

This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"refer to drawing ULA110B.

The TPZ limits may be restricted to the municipal road and curb.

Kindly refer to the Site Tree Inventory Details



TREE NO. 24 – Manitoba Maple



This Manitoba Maple tree is poor condition and located on the City of Vaughan Right of Way, on the south side of the applicant's property.

This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"refer to drawing ULA110B.

The TPZ limits may be restricted to the municipal road and curb.

Kindly refer to the Site Tree Inventory Details



TREE NO. 25 – Siberian Elm – 2 stem

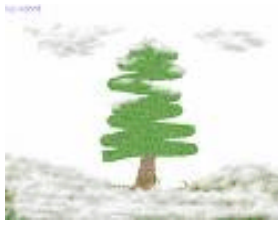


This 2 stem Siberian Elm tree is poor condition and located on the City of Vaughan Right of Way, on the south side of the applicant's property.

This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"refer to drawing ULA110B.

The TPZ limits may be restricted to the municipal road and curb.

Kindly refer to the Site Tree Inventory Details



TREE NO. 26 – Sugar Maple



This Sugar Maple tree is in very poor condition and located on the City of Vaughan Right of Way, on the south side of the applicant's property.

This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"refer to drawing ULA110B.

The TPZ limits may be restricted to the municipal road and curb.

Kindly refer to the Site Tree Inventory Details



Conclusion:

Noica Consulting Inc. was retained to identify species for DBH size, health vigor and possible impact from future construction.

A total of 26 trees were surveyed and inventoried in this report.

(5) Tree No. 2, 4, 5, 6 and 7. Are located on neighbouring properties within 6 metres

(15) Tree No. 1, 3, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, and 20 are on the applicants property.

(6) Tree No. 21, 22, 23, 24, 25, 26

(12) Trees are proposed for removal to accommodate the construction of the new dwelling and landscape plan. Tree No. 3, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

A replanting plan with consist of 15 replacement trees details will be located on Site Preservation and Replanting Plan.

If you require further information, kindly contact our office at 416-254-9419.

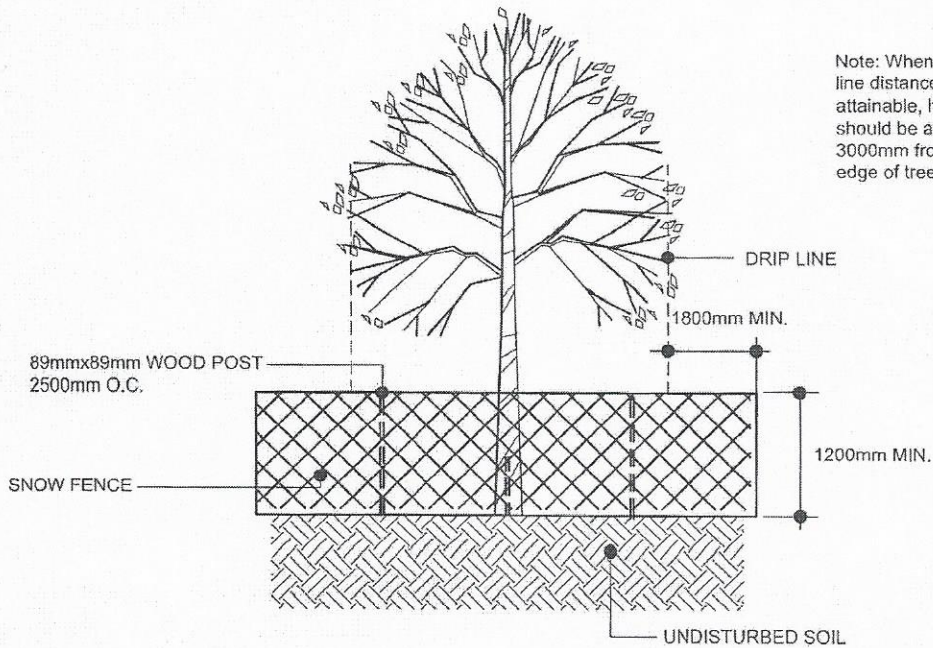
Yours truly,

Noica Consulting Inc.

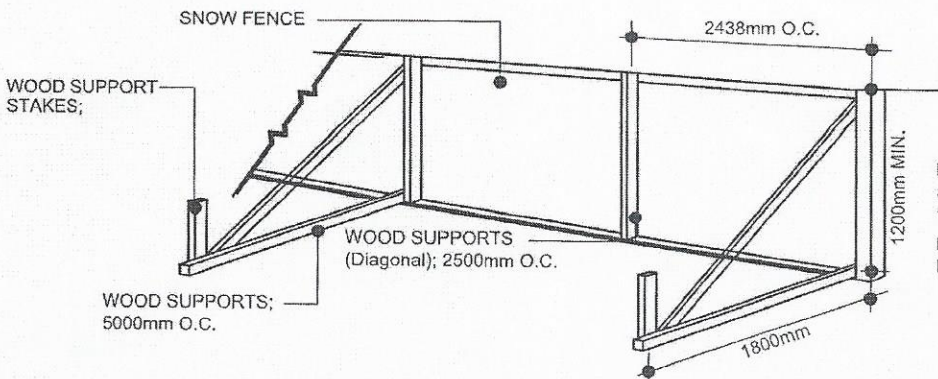
Lisa Piccin

Arborist Derek Thompson
ISA Certified Arborist ON 1865A

Appendix A - Light Duty Hoarding



Note: When 1800mm drip line distance is not attainable, hoarding should be at least 3000mm from outside edge of tree trunk.

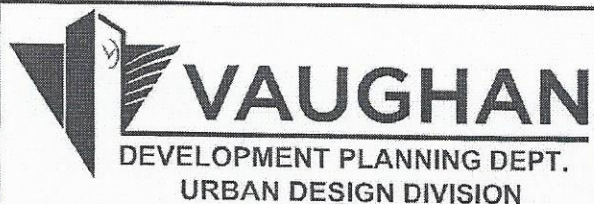


Note: All Support Stakes and Hoarding Posts to be wood 2" x 4" member.

Note: All Connection Points to be Rigid.

NOTES:

1. Attachment of fence to trees to be preserved is not allowed.
2. Ensure fence is continuous and is located beyond the drip line of trees to be preserved.
3. Fencing to be installed prior to start of construction.
4. All supports and bracing should be inside the Tree Protection Zone. All such supports should minimize damaging roots outside the Tree Protection Barrier.
5. No Construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.



LIGHT DUTY TREE HOARDING PROTECTION DETAIL (SNOW FENCE)

NOTE: THIS TYPICAL DETAIL IS INTENDED TO PROVIDE DESIGN DIRECTION AND IS FOR REFERENCE ONLY. IT MAY BE USED AS PART OF THE CONSTRUCTION PACKAGE OR SITE PLAN APPLICATION PROVIDED THE DETAIL IS CERTIFIED BY A REGISTERED LANDSCAPE ARCHITECT OR PROFESSIONAL ENGINEER AS APPLICABLE.

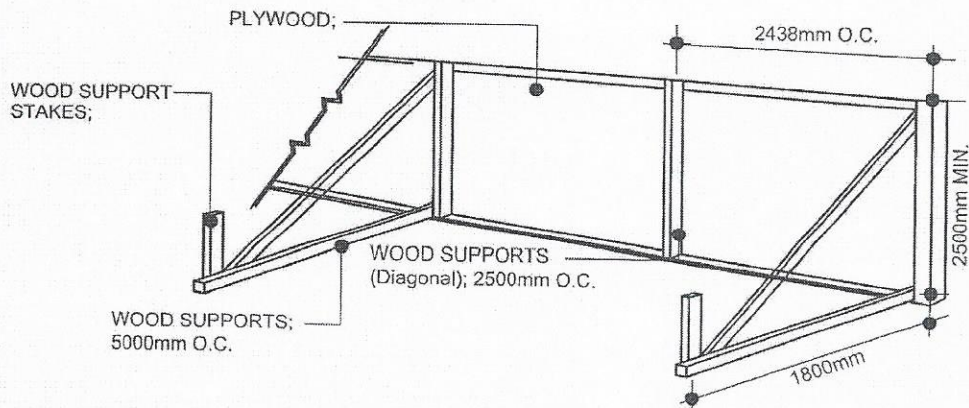
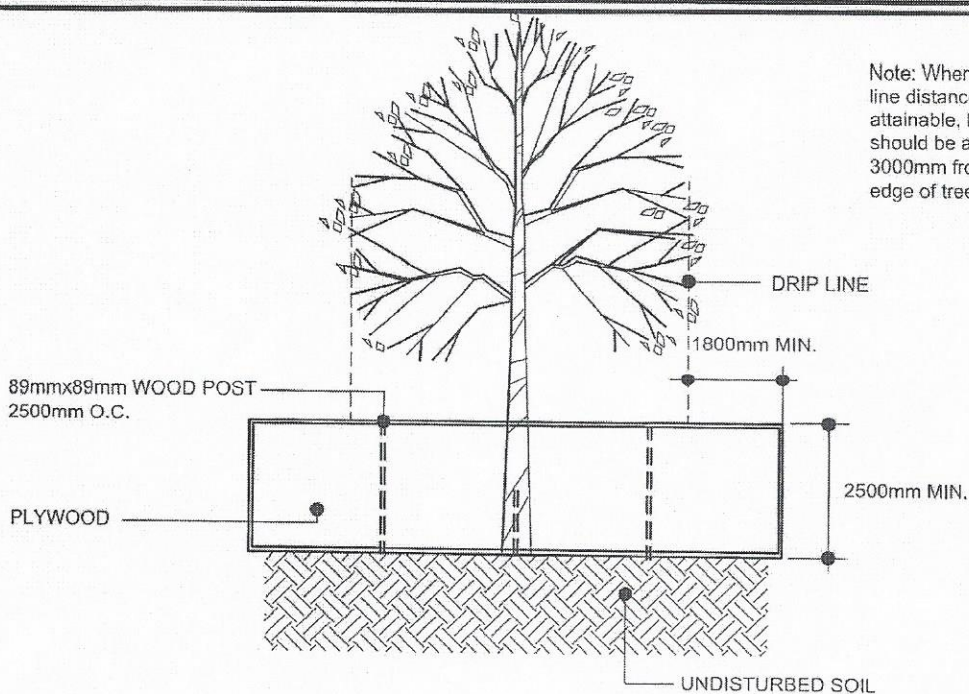
DRAWN & DESIGNED: URBAN DESIGN

STD. DWG. NO.

NOT TO SCALE DATE: 04 / 07 / 2016

ULA 110B

Appendix B - Heavy Duty Hoarding



Note: All Support Stakes and Hoarding Posts to be wood 2" x 4" member.
 Note: All Plywood to be 4'x8' sheets.
 Note: All Connection Points to be Rigid.

NOTES:

1. Attachment of fence to trees to be preserved is not allowed.
2. Ensure fence is continuous and is located beyond the drip line of trees to be preserved.
3. Fencing to be installed prior to start of construction.
4. All supports and bracing should be inside the Tree Protection Zone. All such supports should minimize damaging roots outside the Tree Protection Barrier.
5. No Construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.

VAUGHAN

DEVELOPMENT PLANNING DEPT.
URBAN DESIGN DIVISION

HEAVY DUTY TREE HOARDING
PROTECTION DETAIL (PLYWOOD)

NOTE: THIS TYPICAL DETAIL IS INTENDED TO PROVIDE DESIGN DIRECTION AND IS FOR REFERENCE ONLY. IT MAY BE USED AS PART OF THE CONSTRUCTION PACKAGE OR SITE PLAN APPLICATION PROVIDED THE DETAIL IS CERTIFIED BY A REGISTERED LANDSCAPE ARCHITECT OR PROFESSIONAL ENGINEER AS APPLICABLE.

DRAWN & DESIGNED: URBAN DESIGN	STD. DWG. NO.
NOT TO SCALE DATE: 04 / 07 / 2016	ULA 110A

SITE TREE INVENTORY Re: 8 Lester B. Pearson Street, Kleinburg ON

As at October 18, 2023

TREE NO	SPECIES	LATIN NAME	DBH - CM	CONDITION	COMMENTS	OWNERSHIP	REMOVAL	PRESERVE	PERMIT	TPZ
1	Norway Maple	Acer platanoides	20.5	FAIR	This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"...refer to drawing ULA110B. The TPZ limits will be restricted to hardscape, road edge and driveway	Applicant	NO	YES	N/A	1.8 m
2	White Spruce	Picea glauca	14	FAIR	This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"...refer to drawing ULA110B. This tree is under 20 cm DBH, therefore preservation will be installed as a courtesy to the neighbouring property to the north with horizontal hoarding, 4" of crushed gravel with 2 layers of 3/4" plywood.	Neighbouring property to the north	NO	YES	N/A	Horz.
3	White Spruce	Picea glauca	10	POOR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. No permit is required due to its DBH size. Replanting obligation does not apply.	Owned by the Applicant	YES	N/A	N/A	N/A
4	White Ash - 2 stem	Fraxinus americana	7, 11	POOR	This tree will not be affected by construction on the applicants property. No TPZ hoarding is required. This tree is located 2.5m from the property line.	Neighbouring property to the north	NO	N/A	N/A	N/A
5	Norway Maple - 2 stem	Acer platanoides	42, 33	POOR	This tree will be preserved and protected before and during construction with "Heavy Duty Hoarding"...refer to drawing ULA110A. This tree is located 0.7 m from the property line.	Neighbouring property to the west	NO	YES	N/A	3.0m
6	Norway Maple	Acer platanoides	41	FAIR	This tree will be preserved and protected before and during construction with "Heavy Duty Hoarding"...refer to drawing ULA110A. This tree is located 0.5m from the property line.	Neighbouring property to the west	NO	YES	N/A	3.0m
7	Cherry	Prunus avium	19	POOR	This tree will be preserved and protected before and during construction with "Heavy Duty Hoarding"...refer to drawing ULA110A. This tree is under 20 cm DBH, therefore preservation will be installed as a courtesy to the neighbouring property to the west with vertical heavy duty hoarding. This tree is located 0.3 m from the property line.	Neighbouring property to the west	NO	YES	N/A	N/A
8	Apple	Malus	18.7	POOR	This tree will be removed due to its declining condition. No permit is required due to its DBH size. Replanting obligation do not apply.	Owned by the Applicant	YES	N/A	N/A	N/A
9	Norway Maple	Acer platanoides	34.5	FAIR	This tree will be preserved and protected before and during construction with "Heavy Duty Hoarding"...refer to drawing ULA110A.	Owned by the Applicant	NO	YES	N/A	2.4m
10	Black Willow	Salix nigra	55	FAIR TO POOR	These trees will be preserved and protected before and during construction with "Heavy Duty Hoarding"...refer to drawing ULA110A.	Owned by the Applicant	NO	YES	N/A	3.6m
11	White Cedar - 2 stem	Thuja occidentalis	20, 10	POOR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. Permit is required for removal and the replanting of 1 tree, within 2 years of permit issuance. Please refer to Site Replanting Plan	Owned by the Applicant	YES	N/A	YES	N/A
12	White Cedar - 2 stem	Thuja occidentalis	22,9	POOR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. Permit is required for removal and the replanting of 1 tree, within 2 years of permit issuance. Please refer to Site Replanting Plan	Owned by the Applicant	YES	N/A	YES	N/A
13	Buckthorn - multistem	Rhamnus	no stems over 10 cm	DEAD	This tree will be removed due to its condition. No permit is required due to its DBH size and condition. Replanting obligation does not apply.	Owned by the Applicant	YES	N/A	N/A	N/A

SITE TREE INVENTORY Re: 8 Lester B. Pearson Street, Kleinburg ON

As at October 18, 2023

TREE NO	SPECIES	LATIN NAME	DBH - CM	CONDITION	COMMENTS	OWNERSHIP	REMOVAL	PRESERVE	PERMIT	TPZ
14	Norway Maple	Acer platanoides	32	FAIR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. Permit is required for removal and the replanting of 2 trees, within 2 years of permit issuance. Please refer to Site Replanting Plan	Owned by the Applicant	YES	N/A	YES	N/A
15	Black Walnut	Juglens nigra	28	FAIR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. Permit is required for removal and the replanting of 1 tree, within 2 years of permit issuance. Please refer to Site Replanting Plan	Owned by the Applicant	YES	N/A	YES	N/A
16	Siberian Elm	Ulmus pumila	39	FAIR TO POOR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. Permit is required for removal and the replanting of 2 trees, within 2 years of permit issuance. Please refer to Site Replanting Plan	Owned by the Applicant	YES	N/A	YES	N/A
17	Siberian Elm - 4 stem	Ulmus pumila	16, 12, 26, 22	POOR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. Permit is required for removal and the replanting of 2 trees, within 2 years of permit issuance. Please refer to Site Replanting Plan	Owned by the Applicant	YES	N/A	YES	N/A
18	Siberian Elm - 3 stem	Ulmus pumila	26, 20, 23	FAIR TO POOR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. Permit is required for removal and the replanting of 2 trees, within 2 years of permit issuance. Please refer to Site Replanting Plan	Owned by the Applicant	YES	N/A	YES	N/A
19	White Spruce	Picea glauca	43.5	POOR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. Permit is required for removal and the replanting of 3 trees, within 2 years of permit issuance. Please refer to Site Replanting Plan	Owned by the Applicant	YES	N/A	YES	N/A
20	Black Cherry	Prunus serotina	24	POOR	This tree will be removed to accommodate the construction of the new dwelling and landscape plan. Permit is required for removal and the replanting of 1 tree, within 2 years of permit issuance. Please refer to Site Replanting Plan	Owned by the Applicant	YES	N/A	YES	N/A
21	Siberian Elm	Ulmus pumila	43.5	FAIR TO POOR	This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"...refer to drawing ULA110B. The TPZ limits will be restricted by municipal road and curb	Owned by the City of Vaughan	NO	YES	N/A	3.0m
22	Siberian Elm	Ulmus pumila	38	FAIR TO POOR	This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"...refer to drawing ULA110B. The TPZ limits will be restricted by municipal road and curb	Owned by the City of Vaughan	NO	YES	N/A	2.4m
23	Siberian Elm - 2 stem	Ulmus pumila	42, 26	FAIR TO POOR	This tree will be preserved and protected before and during construction with "Light Duty Tree Hoarding"...refer to drawing ULA110B. The TPZ limits will be restricted by municipal road and curb	Owned by the City of Vaughan	NO	YES	N/A	3.0m
24	Manitoba Maple	Acer negundo	35	POOR	These trees will be preserved and protected before and during construction with "Light Duty Hoarding"...refer to drawing ULA110B. The TPZ limits will be restricted by municipal road and curb	Owned by the City of Vaughan	NO	YES	N/A	2.4m
25	Siberian Elm - 2 stem	Ulmus pumila	29, 26	POOR	These trees will be preserved and protected before and during construction with "Light Duty Hoarding"...refer to drawing ULA110B. The TPZ limits will be restricted by municipal road and curb	Owned by the City of Vaughan	NO	YES	N/A	2.4m
26	Sugar Maple	Acer saccharum	21	VERY POOR	These trees will be preserved and protected before and during construction with "Light Duty Hoarding"...refer to drawing ULA110B. The TPZ limits will be restricted by municipal road and curb	Owned by the City of Vaughan	NO	YES	N/A	1.8m