Arborist Report

Prepared For:

Landscape Planning Ltd

Site Address:

97 Bower St

Acton, On, L6Z 1M4

September 01, 2025

Prepared By:

Clayton Gray

ISA Board Certified Master Arborist (ON-2611BT)

ISA Tree Risk Assessment Qualified (TRAQ)

Phone: (647) 519-6755 | | Email: clayton@graymatterforestry.com

Table of Contents

Summary

The following Arborist Report is with respect to a development proposal at 97 Bower St, Acton, On. The scope of work involves the construction of a five-storey, 80-unit residential building with underground and surface parking, landscaped outdoor areas, and supporting site infrastructure.

163 trees were assessed on site:

- Private Trees: **147**
- Neighbour owned: **16.**

99 trees are recommended to be preserved throughout construction. No digging or material storage is to take place within their Tree Protection Zones (TPZs), and the trees should not be injured.

- Protection Fencing (TPF) should be installed following the Tree Protection Plan (Appendix 2).

2 trees (#) have work planned that will necessitate root pruning inside the TPZ.

61 trees have work planned in their critical root zones and are recommended for removal.

It is imperative for all crew contracted to perform this construction to thoroughly understand this report and the recommendations stated within.

Introduction

This report provides a detailed assessment of these impacts and outlines the measures required to protect and manage trees during construction to ensure compliance with municipal by-laws and best management practices.

The proposed development at 97 Bower Street, Acton, involves construction of a five-storey, 80-unit residential building with underground and surface parking, landscaped outdoor spaces, and supporting infrastructure. The project footprint extends to the established development limit line, necessitating the removal of trees located within the building and parking areas. Trees are accordingly classified for removal, injury, or preservation based on proximity to the proposed works and the degree of anticipated disturbance.

An inventory and assessment of all privately owned trees greater than 10cm diameter at breast height (DBH) within 6 meters of the proposed construction and access routes as well as all city trees within the scope of the construction project were collected. GMFC was to document the current condition, size, and location of the trees as they relate to the proposed work. All trees within the scope of the survey were included in an inventory and assessed for protection or removal needs. Small shrubs and forest trees were not surveyed for this report.

Recommendations for tree preservation or removal are to be provided.

This report must be accompanied by the following additional documents:

1. A table detailing the tree inventory performed by the arborist on site. (Appendix 1)
2. The construction maps with the Arborist Comments, otherwise known as the Tree Protection Plan (TPP). (Appendix 2)

Limits of the Assignment

Gray Matter Forestry serves as the evaluator of trees concerning tree preservation practices. Construction supervisors are advised to integrate the information and suggestions outlined in this report into their construction approach to ensure the project is carried out reasonably.

This Arborist Report is formulated based on the project's defined scope and specifics regarding tree preservation, as discussed. All construction techniques proposed are confined to what has been outlined in the site plans and discussed with the Project Leader. Estimates, measurements, and remarks concerning tree preservation were derived from the proposed construction plans and on-site observations.

The Arborist Report was assembled using data collected from on-site inspections. A basic visual assessment of the trees was conducted; however, no formal ISA Tree Risk Assessment was conducted.

Further data regarding risk levels can be obtained through either a basic or advanced ISA Tree Risk Assessment.

Observations

Tree

- The site was inspected on February 4th and 5th, by Clayton Gray, BCMA (ON-2611BT).
- No evidence of construction was present.
- The ground was covered with about 45 cm of snow.
- 163 trees were assessed for this report and labeled #1 - #163 in the tree inventory and Tree Protection Plan (TPP) included within Appendices 1 and 2.
- 74 trees were in good condition, 48 trees were in fair condition, 36 trees were in poor condition, 4 trees were dead.
- An owl was observed in a cavity of tree #160 at about 1.5 m above ground. It is unclear if it was nesting there and the species was not identified.

  For further details and observations, refer to the Tree Inventory (Appendix 1).

Methodology

- Tools used to assess the trees included a metric DBH measuring tape, metric measuring tape,

and camera.

- All city owned trees, and all privately owned trees greater than 10cm DBH on the site or within 6m of the property line, were collected in the survey.
- Trees were studied for their proximity to existing and planned structures to determine recommendations or precautions for trees requiring removal or injury.
- For multiple-stem trees, DBH is calculated using the **sum of squares method**: each stem is measured, squared, all values are added together, and then the square root of that sum is taken. This produces a single "equivalent DBH" used for both MTPZ calculations and compensation.

Discussion

To preserve and protect trees, proper recommendations must be followed and abided by the client for the duration of the project.

Regulatory Context

The Town of Halton Hills does not currently have a dedicated tree preservation by-law or specific provisions governing tree injury, removal, or compensation. In the absence of local regulation, Town staff have advised that the **Town of Oakville Tree Protection By-law** guidelines are to be used as a reference standard. These guidelines provide the framework applied in this report for determining tree protection zones and compensation requirements.

Tree Protection Zones (TPZs)

The TPZ is defined as a restricted area around a tree, enclosed by fencing, where no construction activity, storage, or equipment operation is permitted. This establishes mandatory distances from the trunk based on tree diameter at breast height (DBH). Work within the TPZ is considered a root injury, creating a potential for decline or structural failure.

TPZs are defined according to the following table.

DBH	<10 cm	10–30 cm	31–50 cm	51–60 cm	61–70 cm	71–80 cm	81–90 cm	91–100+ cm
TPZ	1.8 m	2.4 m	3.0 m	3.6 m	4.2 m	4.8 m	5.4 m	6.0 m+

Tree Impacts

- Removals:
  - A total of 60 trees and 1 stand of saplings located within the development limit line are required to be removed. These trees directly conflict with the building footprint, underground parking, and associated grading.
- Injuries:

- 2 trees located on or near the property boundary will experience root zone disturbance. This includes Tree 163, a Norway Maple at the property line, which can be retained with root pruning and mitigation protocols.

- Preservation**:**
  - 99 trees located beyond the development limit line will be preserved, provided tree protection zones are maintained and all construction activities are excluded from these areas. Tree protection fencing is indicated on the TPP in several locations around the site.

Compensation

Compensation for tree removals is based on the 15 cm DBH threshold. Trees greater than 15 cm DBH that are assessed in **good** or **fair** condition and identified for removal are assigned a replacement value. The number of replacement trees is calculated at **one tree for every 10 cm of DBH, rounded up**. Trees smaller than 15 cm DBH or assessed as poor/dead are not included in the compensation calculation.

Number of Replacement Trees Required	2	3	4	5	6	7	8	9	10	11	12+
DBH of Tree Removed (cm)	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85–94	95–104	105–114	>115

Following this protocol, to compensate for the removal of 60 trees, a total of 139 replacement trees are required. These should be planted on site where feasible, with preference for native species, using minimum stock sizes of 30 mm caliper (deciduous) or 150 cm height (coniferous). A list of recommended replacement species is provided in Appendix 5.

Root Pruning

Like pruning the upper canopy of the tree, roots are best removed (if needed) via target pruning practices and not by being torn off. Using mechanical tools or excavation equipment to remove or prune roots often leaves ragged edges, stripped bark, or splintered tissue. These surfaces are difficult for a tree to heal over and provide a high surface area for potential decay pathogens (bacteria, fungus, insects), to enter a tree. Minimizing the cross section of pruned roots allows for the most efficient recovery for the tree. In the event of excavation inside of a TPZ a protocol often used in the region consists of:

1. Using an air spade, hydro-vac (<500psi) or by hand digging, expose a trench along the furthest extent of excavation about 30-45cm wide and 45cm deep. This exposes the roots without causing unnecessary damage.
2. Using sharp hand tools such as a hand saw or pruning shears, cleanly sever the roots found at the edge of the trench farthest from the excavation area.

Following this protocol, Tree Protection Fencing should be replaced along the excavation extents.

It is often the case that an ISA certified arborist is required to supervise or conduct this work.

Wildlife Considerations

During the Field Inventory in February 2025, a small owl was observed nesting in Tree #160, a Norway Maple scheduled for removal. A qualified wildlife professional shall confirm occupancy prior to tree removal. If the cavity is active, a provincial permit from the MNRF will be required, and relocation may only be authorized outside the March–May nesting window.

Tree Protection Hoarding (Appendix 3)

The client should take all necessary precautions to minimize tree damage within the work area and prevent injury to trees outside it. Tree Protection Fencing (TPF) must be installed, at the minimum TPZ as determined by the tree's DBH as per city by-law. However, site constraints may require adjustments. In most cases, fencing need not extend beyond nearby paved surfaces. When root growth is limited, a larger Tree Protection Zone (TPZ) may be required, as determined by the project arborist.

On private property, solid plywood hoarding best protects tree trunks, while high-visibility snow fencing on a wooden frame is recommended along streets and driveways for visibility. Hoarding locations are detailed in the Tree Protection Plan (Appendix 2), included in this report for on-site and permit use.

Tree Protection Signage

It is recommended for the client to create Tree Protection Signs to affix to tree protection hoarding. A sign should be displayed on the tree protection fencing. The Oakville standard sign format is displayed in Appendix 4 within this report. Signage informs the public and reminds the contractors of the significance of the TPZs and the efforts put forward by the client in tree preservation.

Staging Areas

All staging areas are understood to be outside tree TPZs. At no time are materials, vehicles, traffic or debris to be stacked, staged, or piled inside the hoarding (Tree Protection Fencing). We recommend all material be staged on the driveway, road or outside of tree TPZs.

Conclusions

The proposed development at 97 Bower Street will require the removal of 60 trees and one sapling stand, along with mitigation for two trees experiencing root disturbance. A total of 99 trees are to be preserved under strict protection measures, and compensation for removals amounts to 139 replacement trees. Wildlife presence, specifically the observed owl in Tree #160, must be confirmed prior to removal to ensure compliance with provincial permitting. With adherence to the outlined protection fencing, root pruning protocols, and staging restrictions, the project can proceed while minimizing impacts to retained trees and maintaining alignment with recognized best practices and municipal expectations

Bibliography

Best Management Practices, Books 1-9 Companion publications to ANSI A300. (2001-2025). International Society of Arboriculture.

Clark, N. M. (1998). *Trees and Development, A Technical Guide to Preservation of Trees During Land Development.* International Society of Arboriculture.

Dujesiefken, D. &. (2015). *The CODIT Principle.* International Society of Arboriculture.

Westerfield, T. H. (2005). *Tree Protection During Construction and Landscaping Activities*.

Supporting Information

Appendix 1 – Tree Inventory

	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
1	Various	*Various*	8	Private	1.8	Fair	Fair	Fair	2	Remove		19 stems (Manitoba Maple, Black Walnut and Poplar) 8-12cm
2	Manitoba Maple	*Acer negundo*	60	Private	3.6	Fair	Fair	Fair	7	Remove	6	
3	Manitoba Maple	*Acer negundo*	50	Private	3.0	Fair	Fair	Fair	7	Remove	5	
4	Manitoba Maple	*Acer negundo*	54	Private	3.6	Good	Good	Good	3	Remove	5	Stems(cm): 30, 29, 16,31
5	Manitoba Maple	*Acer negundo*	19	Private	2.4	Good	Good	Good	4	Remove	1	
6	Manitoba Maple	*Acer negundo*	49	Private	3.0	Good	Good	Good	9	Remove	4	
7	Norway Maple	*Acer platanoides*	15	Private	2.4	Good	Good	Good	5	Remove	1	
8	Manitoba Maple	*Acer negundo*	19	Private	2.4	Good	Good	Good	4	Remove	1	
9	Apple	*Malus species*	33	Private	3.0	Poor	Poor	Poor	6	Remove		Stems(cm): 21,25
10	Manitoba Maple	*Acer negundo*	27	Private	2.4	Fair	Fair	Fair	6	Remove	2	
11	Apple	*Malus species*	27	Private	2.4	Fair	Fair	Fair	5	Remove	2	
12	Manitoba Maple	*Acer negundo*	17	Private	2.4	Fair	Fair	Fair	5	Remove	1	
13	Apple	*Malus species*	33	Private	3.0	Fair	Fair	Fair	3	Remove	3	
14	Apple	*Malus species*	34	Private	3.0	Fair	Poor	Poor	3	Remove		Stems(cm): 24,24

	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
15	Norway Spruce	*Picea abies*	35	Private	3.0	Fair	Fair	Fair	7	Remove	3	
16	Norway Spruce	*Picea abies*	53	Private	3.6	Fair	Fair	Fair	7	Remove	5	
17	Manitoba Maple	*Acer negundo*	27	Private	2.4	Fair	Fair	Fair	5	Remove	2	
18	Manitoba Maple	*Acer negundo*	35	Private	3.0	Fair	Fair	Fair	7	Remove	3	
19	Manitoba Maple	*Acer negundo*	23	Private	2.4	Fair	Fair	Good	3	Preserve		
20	Manitoba Maple	*Acer negundo*	19	Private	2.4	Fair	Fair	Fair	3	Preserve		
21	Manitoba Maple	*Acer negundo*	14	Private	2.4	Fair	Poor	Poor	3	Preserve		
22	Manitoba Maple	*Acer negundo*	15	Private	2.4	Fair	Fair	Fair	5	Preserve		
23	Manitoba Maple	*Acer negundo*	55	Private	3.6	Fair	Poor	Poor	7	Preserve		Stems(cm): 32,45
24	Manitoba Maple	*Acer negundo*	45	Private	3.0	Fair	Fair	Fair	7	Preserve		Stems(cm): 16,42
25	Manitoba Maple	*Acer negundo*	38	Private	3.0	Good	Good	Good	8	Preserve		Stems(cm): 27,27
26	Manitoba Maple	*Acer negundo*	32	Private	3.0	Poor	Poor	Poor	7	Preserve		Fruiting bodies on trunk
27	Norway Maple	*Acer platanoides*	31	Private	3.0	Good	Good	Good	8	Preserve		
28	Manitoba Maple	*Acer negundo*	25	Private	2.4	Fair	Fair	Fair	6	Preserve		
29	Manitoba Maple	*Acer negundo*	27	Private	2.4	Good	Good	Good	5	Preserve		
30	Manitoba Maple	*Acer negundo*	15	Private	2.4	Poor	Poor	Poor	2	Preserve		
31	Manitoba Maple	*Acer negundo*	32	Private	3.0	Fair	Fair	Fair	8	Preserve		
32	Manitoba Maple	*Acer negundo*	44	Private	3.0	Fair	Fair	Fair	8	Preserve		
33	Manitoba Maple	*Acer negundo*	42	Private	3.0	Fair	Fair	Fair	7	Preserve		Stems(cm): 20, 23, 18,23

	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
34	Manitoba Maple	*Acer negundo*	39	Private	3.0	Fair	Fair	Fair	7	Preserve		
35	Manitoba Maple	*Acer negundo*	34	Neighbour	3.0	Fair	Fair	Fair	5	Preserve		Stems(cm): 23,25
36	Manitoba Maple	*Acer negundo*	35	Private	3.0	Fair	Poor	Poor	5	Preserve		Stems(cm): 25,25
37	Green Ash	*Fraxinus pennsylvanica*	9	Private	1.8	Good	Good	Good	2	Preserve		
38	Green Ash	*Fraxinus pennsylvanica*	8	Private	1.8	Good	Good	Good	2	Preserve		
39	Green Ash	*Fraxinus pennsylvanica*	7	Private	1.8	Good	Good	Good	2	Preserve		
40	Green Ash	*Fraxinus pennsylvanica*	13	Private	2.4	Good	Good	Good	4	Preserve		
41	Manitoba Maple	*Acer negundo*	34	Private	3.0	Fair	Poor	Poor	4	Preserve		Near 90 lean
42	Manitoba Maple	*Acer negundo*	25	Private	2.4	Fair	Poor	Poor	4	Preserve		
43	Manitoba Maple	*Acer negundo*	38	Neighbour	3.0	Fair	Poor	Poor	4	Preserve		
44	Manitoba Maple	*Acer negundo*	10	Private	1.8	Good	Good	Good	4	Preserve		
45	Green Ash	*Fraxinus pennsylvanica*	13	Private	2.4	Good	Good	Good	4	Preserve		
46	Black Walnut	*Juglans nigra*	9	Private	1.8	Good	Good	Good	3	Preserve		
47	Manitoba Maple	*Acer negundo*	95	Private	6.0	Fair	Poor	Poor	15	Preserve		Stems(cm): 86, 40
48	Manitoba Maple	*Acer negundo*	23	Private	2.4	Fair	Poor	Poor	6	Preserve		
49	Manitoba Maple	*Acer negundo*	32	Neighbour	3.0	Fair	Poor	Poor	3	Preserve		
50	Willow species	*Salix species*	96	Neighbour	6.0	Good	Fair	Fair	13	Preserve		
51	Manitoba Maple	*Acer negundo*	40	Neighbour	3.0	Fair	Fair	Fair	6	Preserve		
52	Willow species	*Salix species*	89	Neighbour	5.4	Fair	Fair	Fair	10	Preserve		

	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
53	Manitoba Maple	*Acer negundo*	37	Private	3.0	Fair	Poor	Fair	6	Preserve		
54	Manitoba Maple	*Acer negundo*	33	Neighbour	3.0	Fair	Fair	Fair	5	Preserve		
55	Manitoba Maple	*Acer negundo*	45	Private	3.0	Good	Good	Good	9	Preserve		
56	Manitoba Maple	*Acer negundo*	51	Private	3.6	Fair	Poor	Poor	12	Preserve		Heavy lean
57	Mulberry	*Morus species*	18	Private	2.4	Good	Good	Good	4	Preserve		
58	Manitoba Maple	*Acer negundo*	15	Private	2.4	Good	Good	Good	3	Preserve		
59	Black Walnut	*Juglans nigra*	9	Private	1.8	Good	Good	Good	2	Preserve		
60	Manitoba Maple	*Acer negundo*	21	Private	2.4	Fair	Fair	Fair	7	Preserve		Stems(cm): 15,15
61	Manitoba Maple	*Acer negundo*	20	Private	2.4	Good	Good	Good	5	Preserve		
62	Manitoba Maple	*Acer negundo*	40	Private	3.0	Fair	Poor	Poor	6	Preserve		Near horizontal lean
63	Manitoba Maple	*Acer negundo*	39	Private	3.0	Good	Good	Good	6	Preserve		Fruiting bodies on stem
64	Black Cherry	*Prunus serotina*	43	Private	3.0	Fair	Fair	Fair	5	Preserve		
65	Manitoba Maple	*Acer negundo*	52	Private	3.6	Fair	Poor	Poor	7	Preserve		Near. Horizontal lean broken leader
66	Willow species	*Salix species*	87	Private	5.4	Fair	Poor	Poor	10	Preserve		
67	Willow species	*Salix species*	85	Private	5.4	Poor	Poor	Poor	8	Preserve		Main stem has failed
68	Manitoba Maple	*Acer negundo*	24	Private	2.4	Fair	Fair	Fair	12	Preserve		Heavy lean
69	Manitoba Maple	*Acer negundo*	35	Private	3.0	Good	Good	Good	7	Preserve		
70	Manitoba Maple	*Acer negundo*	15	Private	2.4	Good	Good	Good	4	Preserve		

	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
71	Manitoba Maple	*Acer negundo*	24	Private	2.4	Good	Good	Good	6	Preserve		
72	Chicot	*Unknown*	39	Private	3.0	Dead	Dead	Dead	1	Preserve		
73	Black Cherry	*Prunus serotina*	26	Private	2.4	Fair	Fair	Fair	6	Preserve		
74	Manitoba Maple	*Acer negundo*	21	Private	2.4	Dead	Dead	Dead	5	Preserve		
75	Manitoba Maple	*Acer negundo*	22	Private	2.4	Poor	Poor	Poor	5	Preserve		Stems(cm): 24, 16, 19,28
76	Sugar Maple	*Acer saccharum*	64	Private	4.2	Good	Good	Good	12	Preserve		Stems(cm): 41,49
77	Black Walnut	*Juglans nigra*	23	Private	2.4	Good	Good	Good	5	Preserve		Stems(cm): 40,43
78	Green Ash	*Fraxinus pennsylvanica*	44	Private	3.0	Good	Good	Good	5	Preserve		
79	Black Walnut	*Juglans nigra*	59	Private	3.6	Good	Good	Good	10	Preserve		
80	Manitoba Maple	*Acer negundo*	18	Private	2.4	Poor	Poor	Poor	3	Preserve		
81	Manitoba Maple	*Acer negundo*	31	Private	3.0	Dead	Poor	Poor	6	Preserve		
82	Black Walnut	*Juglans nigra*	13	Private	2.4	Good	Good	Good	3	Preserve		
83	Black Walnut	*Juglans nigra*	13	Private	2.4	Good	Good	Good	3	Preserve		
84	Black Walnut	*Juglans nigra*	19	Private	2.4	Good	Good	Good	4	Preserve		
85	Manitoba Maple	*Acer negundo*	17	Private	2.4	Dead	Dead	Dead	4	Preserve		
86	Manitoba Maple	*Acer negundo*	15	Private	2.4	Good	Good	Good	4	Preserve		
87	Manitoba Maple	*Acer negundo*	40	Private	3.0	Fair	Poor	Poor	7	Preserve		
88	Manitoba Maple	*Acer negundo*	48	Private	3.0	Fair	Poor	Poor	4	Preserve		Stems(cm): 26,40
89	Manitoba Maple	*Acer negundo*	28	Private	2.4	Fair	Fair	Fair	6	Preserve		Stems(cm): 14,24
90	Black Walnut	*Juglans nigra*	21	Private	2.4	Good	Good	Good	4	Preserve		

	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
91	Black Walnut	*Juglans nigra*	11	Private	2.4	Good	Good	Good	3	Preserve		
92	Black Walnut	*Juglans nigra*	12	Private	2.4	Good	Good	Good	3	Preserve		
93	Black Walnut	*Juglans nigra*	9	Private	1.8	Good	Good	Good	3	Preserve		
94	Manitoba Maple	*Acer negundo*	43	Private	3.0	Good	Good	Good	6	Preserve		Stems(cm): 17 16,36
95	Black Walnut	*Juglans nigra*	18	Private	2.4	Good	Good	Good	4	Preserve		
96	Mulberry	*Morus species*	11	Private	2.4	Good	Good	Good	2	Preserve		
97	Manitoba Maple	*Acer negundo*	19	Private	2.4	Fair	Fair	Fair	8	Preserve		
98	Manitoba Maple	*Acer negundo*	35	Private	3.0	Fair	Poor	Poor	6	Preserve		Stems(cm): 22,27
99	Poplar	*Populus species*	14	Private	2.4	Good	Good	Good	3	Preserve		
100	Manitoba Maple	*Acer negundo*	27	Private	2.4	Good	Good	Good	8	Preserve		Stems(cm): 14, 14, 10, 8,14
101	Poplar	*Populus species*	10	Private	1.8	Good	Good	Good	2	Preserve		
102	Manitoba Maple	*Acer negundo*	25	Private	2.4	Good	Good	Good	6	Preserve		
103	Poplar	*Populus species*	14	Private	2.4	Good	Good	Good	3	Preserve		
104	Manitoba Maple	*Acer negundo*	35	Private	3.0	Fair	Fair	Fair	6	Preserve		
105	Manitoba Maple	*Acer negundo*	13	Private	2.4	Good	Good	Good	4	Preserve		
106	Manitoba Maple	*Acer negundo*	23	Private	2.4	Good	Good	Good	6	Remove	2	Stems(cm): 17,15
107	Bur Oak	*Quercus macrocarpa*	10	Private	1.8	Good	Good	Good	2	Remove	1	

	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
108	Manitoba Maple	*Acer negundo*	21	Private	2.4	Fair	Poor	Poor	2	Preserve		Stems(cm): 13, 11,12
109	Black Walnut	*Juglans nigra*	13	Private	2.4	Good	Good	Good	3	Preserve		
110	Black Walnut	*Juglans nigra*	29	Private	2.4	Good	Good	Good	6	Preserve		
111	Manitoba Maple	*Acer negundo*	36	Private	3.0	Poor	Poor	Poor	4	Preserve		
112	Chicot	*Unknown*	20	Private	2.4	Good	Good	Good	3	Preserve		
113	Black Walnut	*Juglans nigra*	11	Private	2.4	Good	Good	Good	3	Preserve		
114	Black Walnut	*Juglans nigra*	14	Private	2.4	Good	Good	Good	4	Preserve		
115	Chicot	*Unknown*	34	Private	3.0	Good	Good	Good	7	Preserve		
116	Black Walnut	*Juglans nigra*	16	Neighbour	2.4	Fair	Fair	Fair	6	Preserve		
117	Manitoba Maple	*Acer negundo*	26	Private	2.4	Poor	Poor	Poor	6	Preserve		Stems(cm): 16,20
118	Norway Maple	*Acer platanoides*	16	Private	2.4	Good	Good	Good	3	Preserve		
119	Black Walnut	*Juglans nigra*	22	Private	2.4	Good	Good	Good	6	Preserve		
120	Balsam Fir	*Abies balsamea*	34	Private	3.0	Fair	Fair	Fair	6	Preserve		
121	Balsam Fir	*Abies balsamea*	15	Private	2.4	Good	Good	Good	2	Preserve		Stems(cm): 10,12
122	Manitoba Maple	*Acer negundo*	17	Private	2.4	Fair	Poor	Poor	6	Preserve		near 90° lean
123	Balsam Fir	*Abies balsamea*	32	Neighbour	3.0	Fair	Fair	Fair	3	Preserve		
124	Manitoba Maple	*Acer negundo*	19	Private	2.4	Good	Good	Good	3	Preserve		
125	Manitoba Maple	*Acer negundo*	17	Private	2.4	Fair	Poor	Poor	5	Preserve		Near horizontal lean

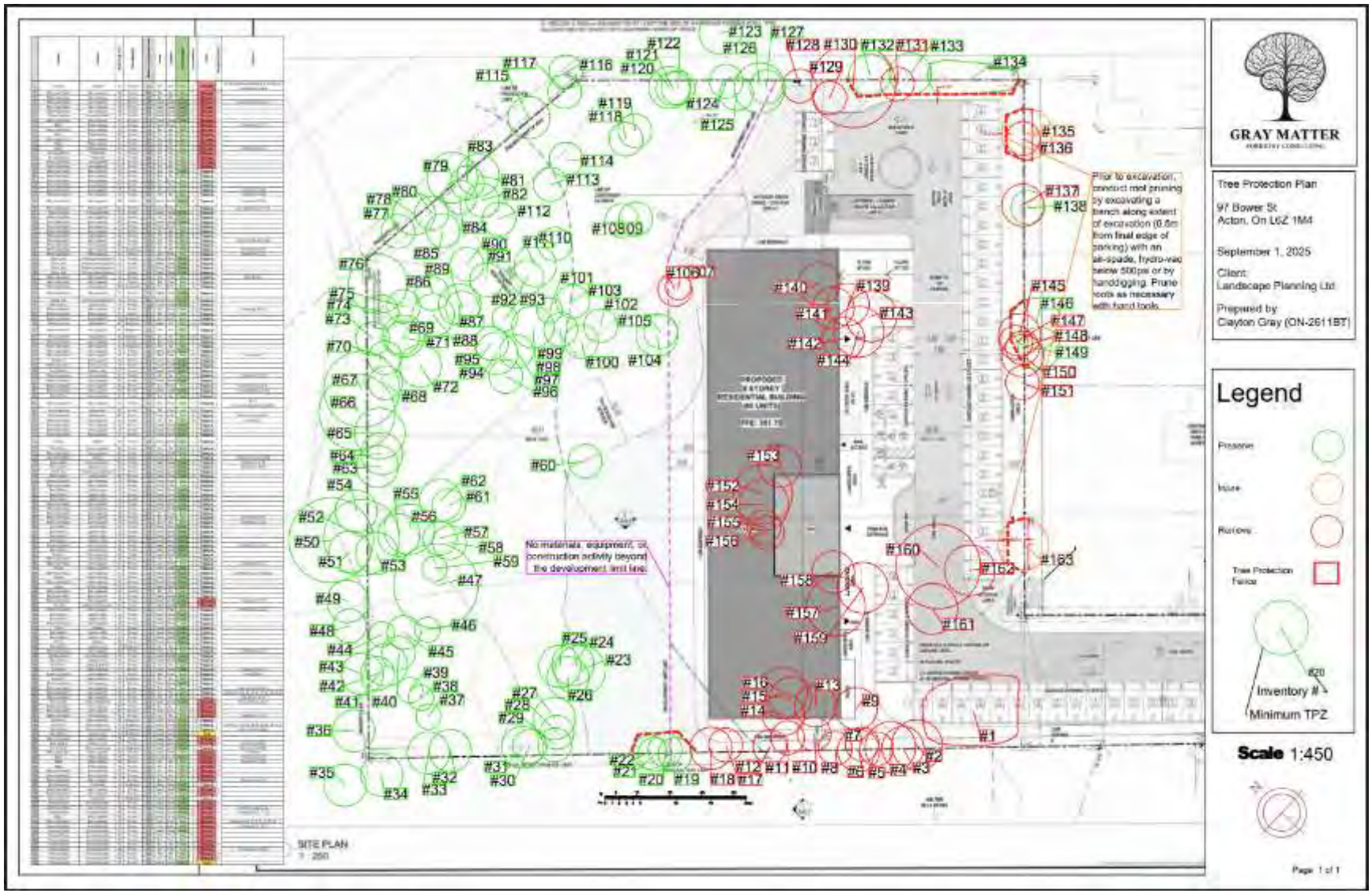
	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
126	Manitoba Maple	*Acer negundo*	54	Private	3.6	Fair	Fair	Fair	8	Preserve		Stems(cm): 21, 16, 10, 17, 12, 11, 10, 14,35
127	Manitoba Maple	*Acer negundo*	25	Private	2.4	Fair	Fair	Fair	6	Preserve		Stems(cm): 13,21
128	White Cedar	*Thuja occidentalis*	26	Private	2.4	Good	Good	Good	2	Remove	2	Stems(cm): 11,17,17
129	Manitoba Maple	*Acer negundo*	25	Private	2.4	Fair	Fair	Fair	5	Remove	2	
130	Manitoba Maple	*Acer negundo*	92	Private	6.0	Poor	Poor	Poor	8	Remove		
131	Manitoba Maple	*Acer negundo*	30	Private	2.4	Fair	Fair	Fair	8	Remove	3	Stems(cm): 15,26
132	Balsam Fir	*Abies balsamea*	36	Neighbour	3.0	Good	Good	Good	4	Preserve		
133	Balsam Fir	*Abies balsamea*	35	Neighbour	3.0	Good	Good	Good	7	Preserve		Stems(cm): 31, 28, 29, 36, 19, 32, 28, 25,42
134	White Cedar	*Thuja occidentalis*	15	Neighbour	2.4	Good	Good	Good	2	Preserve		8 stem cedar hedge
135	Black Walnut	*Juglans nigra*	55	Neighbour	3.6	Good	Good	Good	12	Injure		
136	Manitoba Maple	*Acer negundo*	18	Private	2.4	Good	Good	Good	5	Remove	1	
137	Black Walnut	*Juglans nigra*	45	Private	3.0	Good	Good	Good	7	Remove	4	Stems(cm): 29,35
138	White Cedar	*Thuja occidentalis*	12	Neighbour	2.4	Good	Good	Good	2	Preserve		Stems(cm): 8,10,13
139	Manitoba Maple	*Acer negundo*	50	Private	3.0	Poor	Poor	Poor	8	Remove		Failed tree
140	Apple	*Malus species*	46	Private	3.0	Good	Good	Good	7	Remove	4	Stems(cm): 31,34
141	Apple	*Malus species*	38	Private	3.0	Fair	Fair	Fair	4	Remove	3	Stems(cm): 25,28

	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
142	Apple	*Malus species*	42	Private	3.0	Fair	Fair	Fair	6	Remove	4	
143	Manitoba Maple	*Acer negundo*	55	Private	3.6	Fair	Fair	Fair	9	Remove	5	
144	Manitoba Maple	*Acer negundo*	53	Private	3.6	Fair	Fair	Fair	8	Remove	5	
145	Manitoba Maple	*Acer negundo*	32	Private	3.0	Fair	Poor	Poor	8	Remove		Near vertical lean
146	Norway Spruce	*Picea abies*	55	Neighbour	3.6	Good	Good	Good	8	Preserve		
147	Manitoba Maple	*Acer negundo*	19	Private	2.4	Good	Good	Good	5	Remove	1	
148	Manitoba Maple	*Acer negundo*	27	Private	2.4	Fair	Poor	Fair	5	Remove	2	
149	Norway Spruce	*Picea abies*	32	Neighbour	3.0	Good	Good	Good	5	Preserve		
150	Norway Maple	*Acer platanoides*	36	Private	3.0	Good	Good	Good	7	Remove	3	
151	Manitoba Maple	*Acer negundo*	18	Private	2.4	Good	Good	Good	3	Remove	1	Stems(cm): 10, 11, 10
152	Norway Maple	*Acer platanoides*	69	Private	4.2	Good	Good	Good	12	Remove	6	Stems(cm): 27, 31, 37, 41
153	Apple	*Malus species*	38	Private	3.0	Dead	Dead	Dead	3	Remove		
154	Manitoba Maple	*Acer negundo*	52	Private	3.6	Poor	Poor	Poor	3	Remove		Stems(cm): 9, 12, 9, 14, 11, 12, 44
155	Manitoba Maple	*Acer negundo*	25	Private	2.4	Fair	Poor	Fair	3	Remove	2	Stems(cm): 21, 10, 9
156	Norway Maple	*Acer platanoides*	13	Private	2.4	Good	Good	Good	3	Remove	1	
157	Norway Maple	*Acer platanoides*	61	Private	4.2	Fair	Poor	Poor	9	Remove		

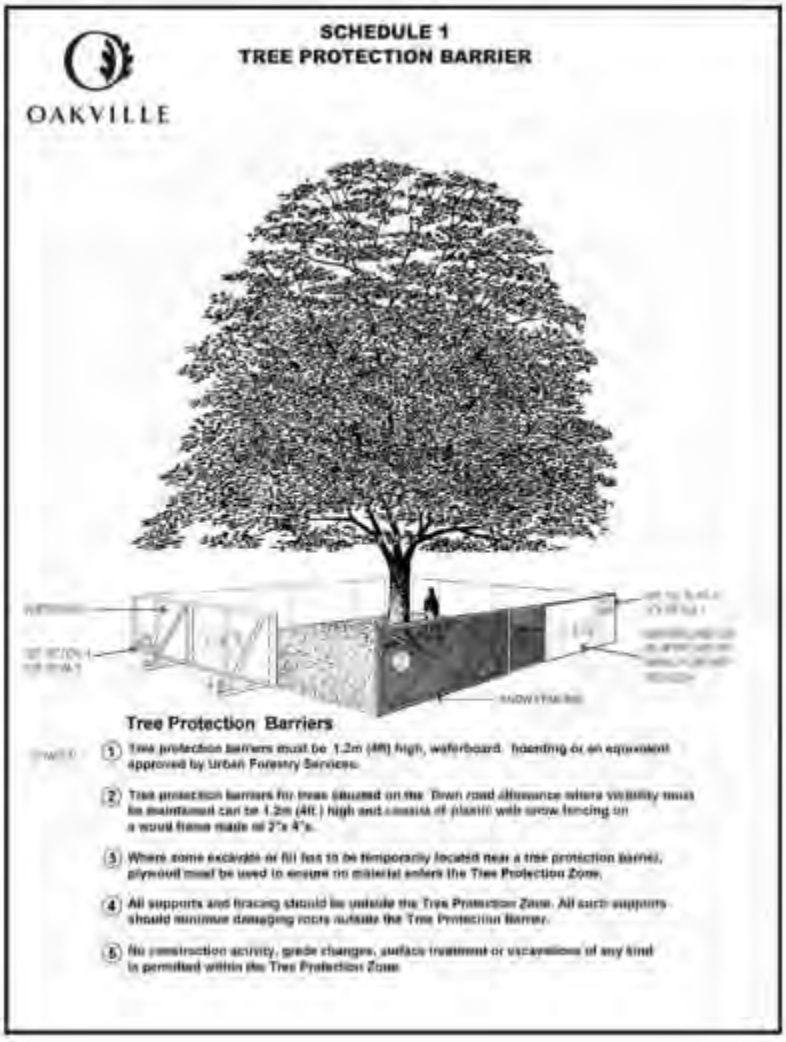
	Species	Botanical	DBH (cm)	Ownership	TPZ	Health	Structure	Overall	Crown Width (m)	Action	Replacement Trees	Comments
158	Norway Maple	*Acer platanoides*	50	Private	3.0	Fair	Poor	Poor	9	Remove		
159	Norway Maple	*Acer platanoides*	56	Private	3.6	Fair	Fair	Fair	8	Remove	5	
160	Norway Maple	*Acer platanoides*	100	Private	6.0	Fair	Poor	Poor	13	Remove		Owl nesting in cavity
161	Norway Maple	*Acer platanoides*	60	Private	3.6	Fair	Fair	Fair	8	Remove	6	
162	Norway Maple	*Acer platanoides*	56	Private	3.6	Fair	Fair	Fair	9	Remove	5	
163	Norway Maple	*Acer platanoides*	51	Private	3.6	Good	Good	Good	9	Injure		

Appendix 2 - Tree Protection Plan (TPP)

(Preview. Please see companion pdf for high resolution printable plan)



Appendix 3 – Hoarding (TPF) Detail



SCHEDULE 1
TREE PROTECTION BARRIER

OAKVILLE

Tree Protection Barriers

1. Tree protection barriers must be 1.2m (4ft) high, waferboard, hoarding or an equivalent approved by Urban Forestry Services.
2. Tree protection barriers for trees situated on the Town road allowance where visibility must be maintained can be 1.2m (4ft.) high and consist of plastic web snow fencing on a wood frame made of 2"x 4"s.
3. Where some excavate or fill has to be temporarily located near a tree protection barrier, plywood must be used to ensure no material enters the Tree Protection Zone.
4. All supports and bracing should be outside 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.

Appendix 4 – Tree Protection Zone Sign Detail

Tree Protection Zone

No grade change, storage of materials or equipment is permitted within this area.
This tree protection barrier must not be removed without the written authorization of the Town of Oakville.
Report any contraventions to

Contact Name _____ **Tel No.** _____
Unauthorized removal of the tree protection barrier or other contraventions may result in prosecution.

Appendix 5 – Recommended Replacement Trees

Common Name	Binomial Name
Maple, Black	*Acer nigrum*
Maple, Red	*Acer rubrum*
Maple, Silver	*Acer saccharinum*
Maple, Freeman	*Acer x freemanii ˜Autumn Blaze™*
Maple, Sugar	*Acer saccharum*
Buckeye, Ohio	*Aesculus glabra*
Buckeye, Yellow	*Aesculus flava*
Horsechestnut, Common	*Aesculus hippocastanum*
Hackberry	*Celtis occidentalis*
Ironwood	*Ostrya virginiana*
Yellow-wood	*Cladrastis lutea*
Kentucky Coffeetree	*Gymnocladus dioicus*
Tulip Tree	*Liriodendron tulipifera*
Basswood	*Tilia americana*
Linden, ˜Redmond™	*Tilia americana ˜Redmond™*
Honey Locust	*Gleditsia triacanthos ˜Skyline™*
Elm, White, Valley Forge	*Ulmus americana ˜Valley Forge™*
London Plane	*Platanus x acerifolia*
Little Leaf Linden	*Tilia cordata*
Ginkgo	*Ginkgo biloba*
Oak, White	*Quercus alba*
Oak, Swamp White	*Quercus bicolor*
Oak, Bur	*Quercus macrocarpa*

Appendix 6 – Arborist Qualifications

Clayton Gray is a Board-Certified Master Arborist with over ten years in arboriculture and forestry related fields. Prior to his work as a consulting arborist, he attended Humber College's Urban Forestry program in 2018 and had been head climber and foreman at Westwood Tree Care in Burlington for several years. Prior to this he worked on a street tree maintenance contract for the City of Toronto with Davey Tree. He has a lifetime goal to plant one million trees by hand; he is over halfway there.

Certifications

International Society of Arboriculture BCMA (ON-2611BT)

ISA Tree Risk Assessment Qualification (TRAQ)

Appendix 7 – Photographs

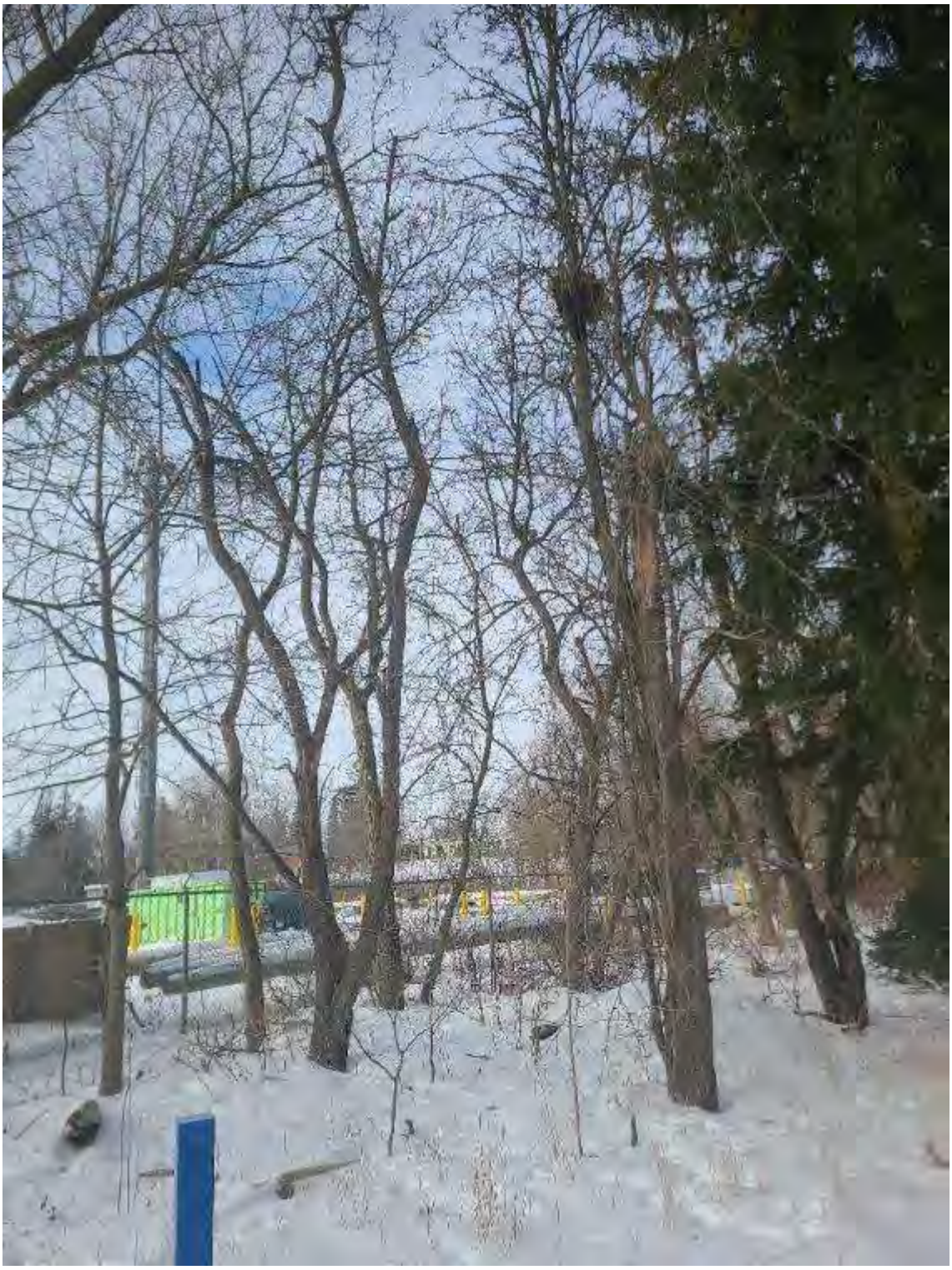
Tree #1

Tree #2

Tree #3

Tree #4

Tree #5-6



Tree #7-14

Tree #15-16

Tree #17-18

Tree #19-22

Tree #23-26

Tree #27-31

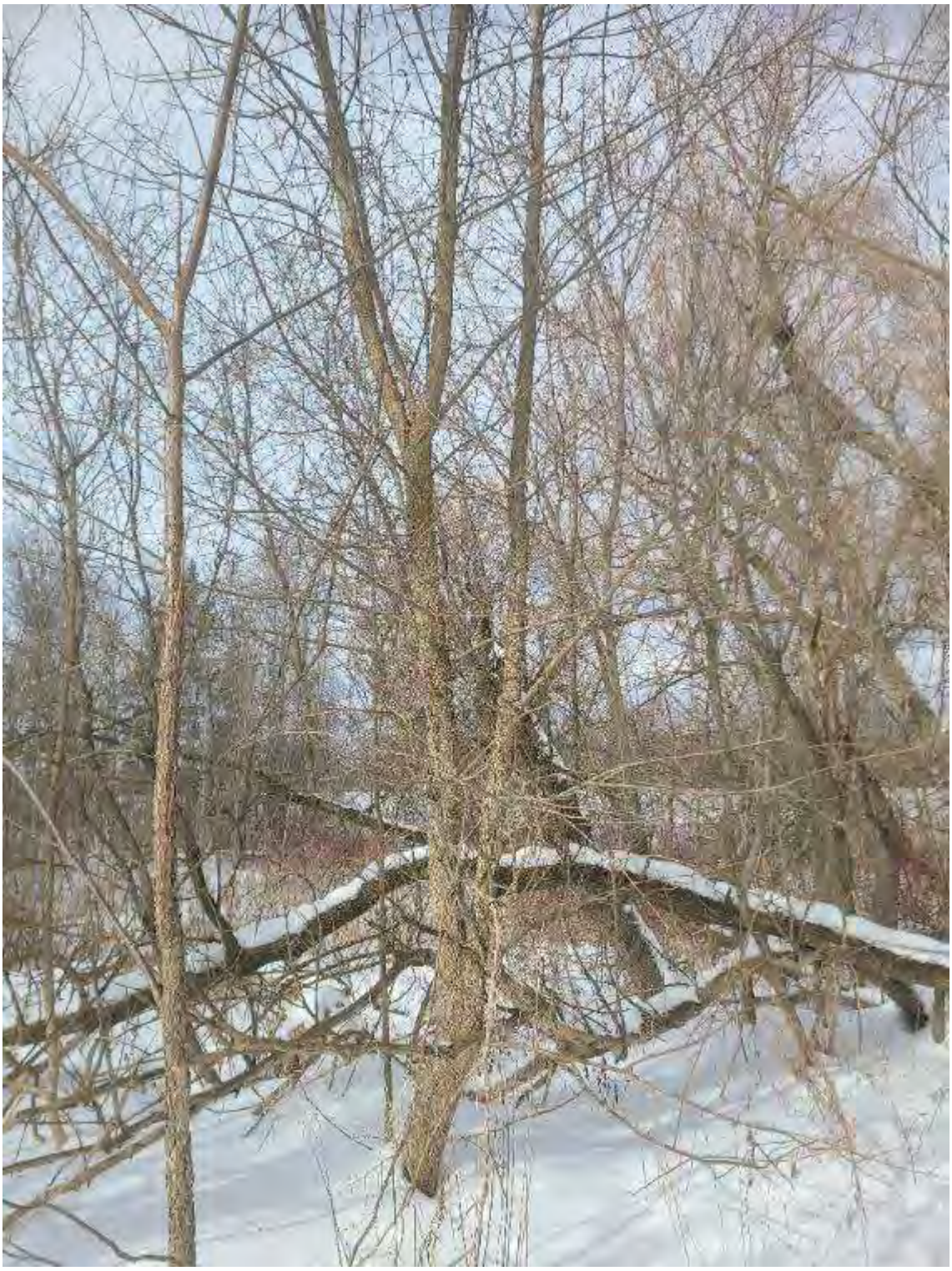
Tree #32

Tree #33-34

Tree #35

Tree #36

Tree #37-39



Tree #40

Tree #41-42

Tree #43-44

Tree #45

Tree #46

Tree #47

Tree #48

Tree #49

Tree #50-52

Tree #53

Tree #54

Tree #55

Tree #56

Tree #57-58

Tree #59

Tree #60

Tree #61

Tree #62

Tree #63

Tree #64

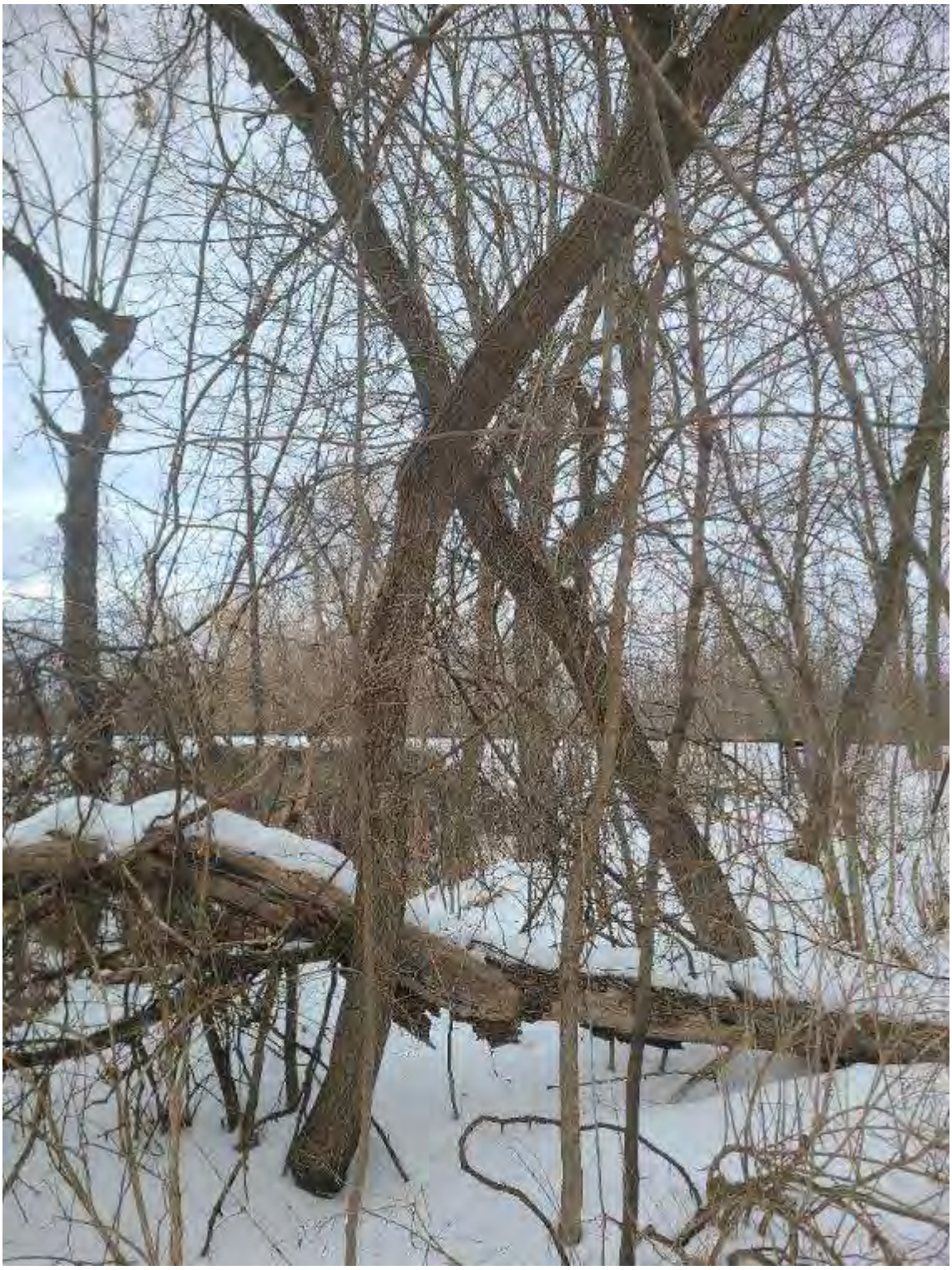
Tree #65

Tree #66

Tree #67

Tree #68

Tree #69



Tree #70-71

Tree #72

Tree #73

Tree #74

Tree #75

Tree #76

Tree #77

Tree #78-79

Tree #80

Tree #81

Tree #82

Tree #83-84

Tree #85

Tree #86

Tree #87

Tree #88

Tree #89

Tree #90

Tree #91

Tree #92-93

Tree #94-95

Tree #96

Tree #97

Tree #98

Tree #99

Tree #100

Tree #101

Tree #102

Tree #103

Tree #104-105

Tree #106-107

Tree #108-109

Tree #110-111

Tree #112

Tree #113-114

Tree #115

Tree #116

Tree #117

Tree #118-119

Tree #120-121

Tree #122

Tree #123

Tree #124-125

Tree #126

Tree #127

Tree #128

Tree #129

Tree #130

Tree #131

Tree #132

Tree #134

Tree #135-136

Tree #137-138

Tree #139

Tree #140

Tree #141

Tree #142

Tree #143

Tree #144

Tree #145

Tree #146

Tree #147-148

Tree #149-150

Tree #151

Tree #152

Tree #153

Tree #154

Tree #155-156

Tree #157

Tree #158

Tree #159

Tree #160. Owl observed in cavity shown on the east side of the stem

Tree #161

Tree #162

Tree #163

Appendix 8 - Assumptions and Limiting Conditions

1. No responsibility is assumed for matters legal in character.
2. Any legal descriptions provided to the consultant are assumed to be accurate. Property titles and ownership are presumed to be valid and marketable.
3. Every effort has been made to obtain information from reliable sources, and all data has been verified to the extent possible. However, the consultant cannot guarantee nor assume responsibility for the accuracy of information supplied by others.
4. The consultant is not obligated to provide testimony or appear in court in connection with this report unless a separate contractual agreement is made, including payment of an additional fee as outlined in the fee schedule and contract of engagement.
5. Any loss or alteration of any portion of this report renders the entire document invalid.
6. Possession of this report or a copy of it does not grant the right to publish or use it for any purpose other than by the intended recipient, unless prior written or verbal consent is expressly provided by the consultant.
7. No part of this report, nor any copy of it, may be shared with the public through advertising, public relations, news, sales, or other media by anyone, including the client, without the prior expressed written or verbal consent of the consultant. This includes, but is not limited to, references to value conclusions, the identity of the consultant, or any professional society or designation cited in the consultant's qualifications.
8. This report and the values expressed within it represent the professional opinion of the consultant. The consultants' fee is not contingent upon reporting a specific value, achieving a predetermined result, the occurrence of any subsequent event, or any particular findings to be reported.
9. The sketches, diagrams, graphs, and photographs included in this report are intended solely as visual aids. They are not necessarily to scale and should not be interpreted as engineering or architectural reports or surveys.
10. Unless otherwise stated: (1) the information in this report pertains solely to the items examined and reflects their condition at the time of inspection; and (2) the inspection was limited to a visual examination of accessible items without dissection, excavation, probing, or coring. No warranty or guarantee, express or implied, is provided against the possibility of future problems or deficiencies with the plants or property in question.

Appendix 9 - Certificate of Performance

I, Clayton Gray, certify that:

- I have personally inspected the tree(s), and the property referred to in this report and have stated my findings accurately. The extent of the evaluation is detailed in the attached report under the **Limits of the Assignment** section.
- I have no current or prospective interest in the trees or the property that are the subject of this report and have no personal interest or bias regarding the parties involved.
- The analysis, opinions, and conclusions stated herein are my own and are based on current scientific procedures, arboricultural standards, and best practices.
- My evaluation, recommendations, and this report have been prepared in accordance with **commonly accepted arboricultural principles** and **industry standards**.
- No individual or organization has provided significant professional assistance to me, except as indicated in the report.
- My compensation is **not** contingent upon a predetermined outcome that favors the interests of the client or any other party, nor is it influenced by the results of this assessment, the attainment of specific results, or the occurrence of any future events.

I further certify that I am a **member in good standing** the **International Society of Arboriculture (ISA)**. I have been actively engaged in the field of arboriculture in a **full-time professional capacity for 10 years**.

Signed:

Clayton Gray
BCMA ON-2611BT, Tree Risk Assessment Qualified (TRAQ)
September 1, 2025