

**Table 1. Tree Inventory**  
 Location: 4409 Erie Rd, Fort Erie Date: 17 July 2022 Surveyors: JJJ

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	DL	Location	Comments	Recom.
1	White Mulberry	Morus alba	52	F	FG	G	3	Subject Property	Union at 2 m w/in bacterial vetch rood	Preserve
2	White Pine	Pinus strobus	44	G	G	G	5	Subject Property		Preserve
3	Basswood	Tilia americana	34, 9, 6, 6, 5	G	G	G	6	Subject Property	Smaller stems are coppice growth	Remove
4	Yew species	Taxus sp.	22, 26	F	G	G	5	Subject Property	Union at 1 m	Remove
5	Apple species	Malus sp.	14	G	G	G	3	Subject Property		Remove
6	Norway Maple	Acer platanoides	-30	G	G	G	5	Neighbouring		Preserve
7	Blue Spruce	Picea pungens	-35	G	FG	FG	3	Neighbouring	10% crown dieback	Preserve
8	Gringo	Ginkgo biloba	72	G	FG	FG	8	Subject Property	10% crown dieback	Remove
9	Japanese Maple	Acer palmatum 'Bloodgood'	15, 13, 18	FG	G	G	4	Subject Property	Union at ground	Remove
10	Japanese Maple	Acer palmatum 'Bloodgood'	16, 10, 18	FG	G	G	5	Subject Property	Union at ground	Remove
11	Red Maple	Acer rubrum	46	G	FG	FG	7	Subject Property	10% crown dieback	Remove
12	Red Maple	Acer rubrum	102	F	FG	G	10	Subject Property	Union at 2 m, girdling root	Remove
13	Scots Pine	Pinus sylvestris	37	G	G	G	4	Boundary	3 m from driveway	Preserve
14	Scots Pine	Pinus sylvestris	50	FG	FG	G	4	Boundary	Union at base of crown, 3 m from driveway	Preserve
15	Scots Pine	Pinus sylvestris	57	FG	FG	G	4	Boundary	Union at base of crown, 2.75 m from driveway	Preserve
16	White Elm	Ulmus americana	79	G	G	G	10	Boundary		Preserve
17	Pear species	Pyrus sp.	20	FG	G	G	3	Boundary	Union at 2.5 m	Preserve
18	White Pine	Pinus strobus	56	G	G	G	6	Subject Property	Virginia creeper competition, light lean	Remove
19	Silver Maple	Acer saccharinum	51, 37, 46, 55, 39, 42	F	FG	G	12	Subject Property	Unions at 0.3 and 1 m	Remove
20	White Pine	Pinus strobus	50	G	F	F	6	Boundary	Sparse crown	Remove
21	White Pine	Pinus strobus	41	F	F	F	5	Subject Property	Seam, sparse crown	Remove
22	White Pine	Pinus strobus	57	G	G	G	5	Boundary		Preserve
23	Silver Maple	Acer saccharinum	95	G	G	G	9	Boundary		Preserve
24	Freeman Maple	Acer x freemanii	108	G	FG	FG	14	Subject Property	Light stem wound, hazard limb hanging over driveway, 10% crown dieback	Remove
25	Freeman Maple	Acer x freemanii	107	P	F	F	10	Subject Property	Main stem dead in crown, root rot infection has spread into base of tree hazard	Remove
26	Red Maple	Acer rubrum	101	FG	FG	FG	9	Subject Property	Union at base of crown, light stem wound, 10% crown dieback, lightly chlorotic	Remove
27	Freeman Maple	Acer x freemanii	95	G	FG	FG	9	Subject Property	10% crown dieback	Remove
28	Red Maple	Acer rubrum	64	F	P	P	7	Subject Property	Stem wounds w/ heart rot, 60% crown dieback	Remove
29	Silver Maple	Acer saccharinum	95	G	FG	FG	9	Subject Property	Union at 3 and 4 m, lightly chlorotic, 10% crown dieback	Remove

**LEGEND**

- Surveyed Deciduous Tree Location
- Surveyed Coniferous Tree Location
- GPS Tree Location
- 23 Tree Number Identified for Preservation (GREEN)
- 12 Tree Number Identified for Removal (RED)
- TPZ Tree Preservation Zone Symbol
- Dripline
- Tree Protection Fence Location
- Property Boundary

**Tree Protection Recommendations**  
 The following recommendations are made in attempts to reduce the impacts to trees identified for preservation:

- Tree protection fence must be installed at the driplines as outlined on Sheet 1 prior to the commencement of demolition unless noted otherwise in this report and on Sheet 1.
- Once tree protection fence has been installed it must not be moved, relocated or altered in any way (unless repairing fallen fence etc.) for the duration of the construction period.
- No intrusion into an area identified on Sheet 1 as a tree preservation zone (TPZ) is allowed at any time during construction unless noted otherwise in this report and on Sheet 1.
- No storage of machinery, construction debris, materials, waste or any other items is allowed within a TPZ.
- Any tree branches and roots that conflict with the proposed development must be pruned by a Certified Arborist in accordance with good arboricultural practice.
- Tree protection fencing should be inspected by a Certified Arborist prior to and during construction to ensure that the fencing remains intact and in good repair throughout the stages of development.

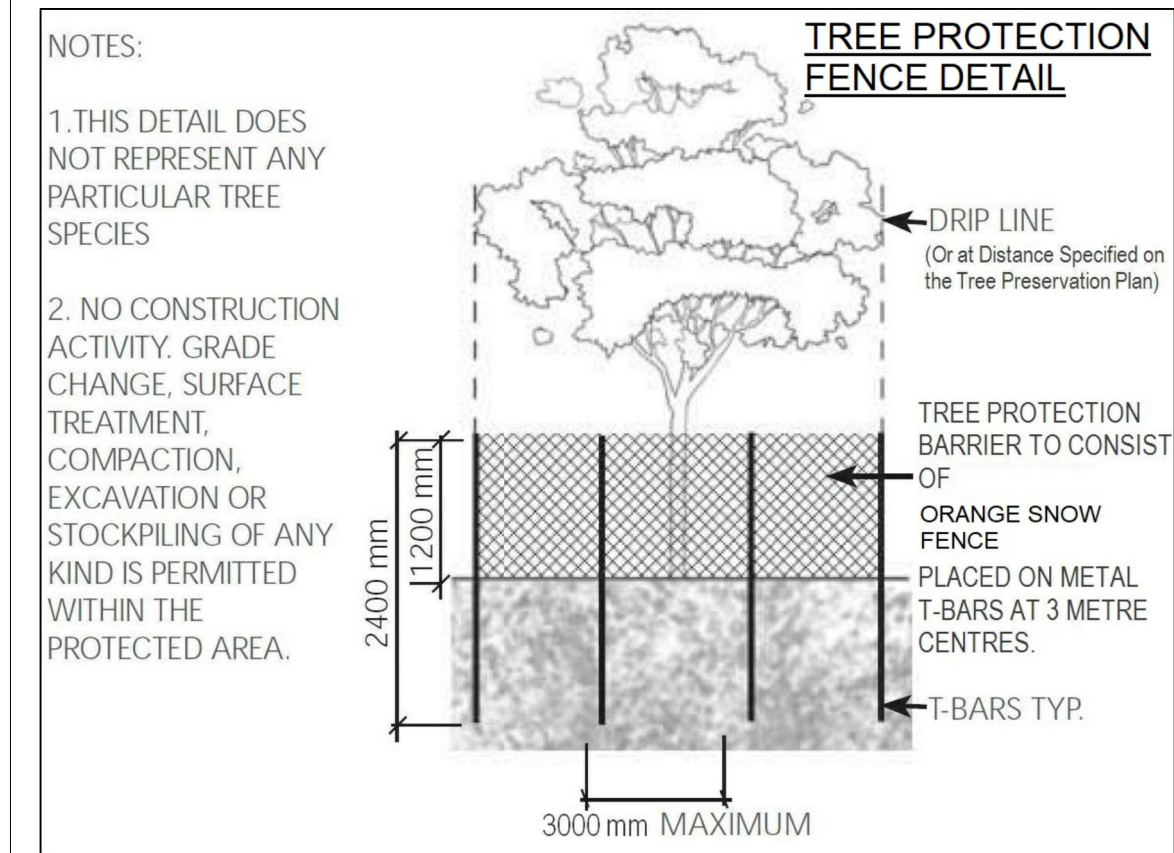
**Note:**  
 If any roots from Tree 23 are exposed during construction they must be pruned by a Certified Arborist in accordance with good arboricultural practice to ensure that the root systems are not damaged by the proposed development.

**Note:**  
 The area of encroachment within the dripline of Tree 22 must be excavated using air spade methods to gently expose any roots that may conflict with development. If any roots are exposed during air spade excavation they must be pruned by a Certified Arborist in accordance with good arboricultural practice to ensure that the root system is not damaged by the proposed development.

The patio proposed within the dripline of Tree 22 will must be constructed during the landscaping phase of development when the tree protection has been removed. The patio should be constructed with as little disturbance as possible to the existing root zone. If any roots are exposed during patio construction they must be pruned by a Certified Arborist in accordance with good arboricultural practice to ensure that the root system is not damaged by the proposed development.

**Note:**  
 The tree protection fence for Trees 16 and 17 to be installed at the edge of the existing dwelling prior to demolition.

**Note:**  
 The tree protection fence for Trees 6, 13, 14 and 15 to be installed at the edge of the existing driveway. If any tree roots are exposed during construction they must be pruned by a Certified Arborist in accordance with good arboricultural practice to ensure that the root systems are not damaged by the proposed development.



**STANDARD TREE PROTECTION PLAN NOTES**  
 Prior to site disturbance the owner must confirm that no migratory birds are making use of the site for nesting. The owner must ensure that the works are in conformance with the Migratory Bird Convention Act and that any migratory bird nests will be impacted by the proposed work. It is the applicants' responsibility to discuss potential tree injury of trees on shared property lines with their neighbours. Should such trees be injured to the point of instability or death the applicant may be held responsible for removal and such issues would be dealt with in civil court or through negotiation.

**TREE PROTECTION ZONE:** No construction activity including grade changes, surface treatments or excavations of any kind is permitted within the area identified on the Tree Protection Plan or Site Plan as a Tree Protection Zone (TPZ). No root cutting is permitted. No storage of materials or fill is permitted within the TPZ. No movement or storage of vehicles or equipment is permitted within the TPZ. Grade changes are not permitted within established TPZ. The area(s) identified as a TPZ must remain undisturbed at all times.

**TREE PROTECTION BARRIERS:**  
 Tree protection barriers must be installed around trees to be protected using Paige wire fence supported on metal T-bars. All supports and bracing to safely secure the barrier should be outside the TPZ. All such supports and bracing should minimize damage to roots outside the TPZ.

**General Note:**  
 Prior to the commencement of any site activity the tree protection barriers specified on this plan must be installed. Established tree protection zones must not be used as construction access, storage or staging areas. The tree protection barriers must remain in effective condition until all site activities including landscaping are complete. Permission from the City/Town must be provided prior to the removal of tree protection fences.

**ARBORICULTURAL WORK:**  
 Any roots or branches which extend beyond the TPZ indicated on this plan which require pruning, must be pruned by a Certified Arborist. All pruning of tree roots and branches must be in accordance with good arboricultural standards. Roots located outside the TPZ that have received approval from the City/Town to be pruned must first be exposed by hand digging or by using an air spade. This will allow a proper pruning cut and minimize tearing of the roots.

No.	Description	Date	By
1	Report Submittal	30 Sep. 2022	JJ

Date Source: Kirkup MacIvor Live Surveying, ADK Architects Studio Inc.

**4409 Erie Road  
Fort Erie, ON**

**Brock View Rentals  
27 Chicora Avenue,  
Toronto, ON M5R 1T7**

**Tree Preservation Plan**

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Project # P313 Sheet # 1  
 Date 30 September 2022  
 Scale 1:300