

**Table 1. Tree Inventory**  
 Location: 2220 Stanley Ave, Niagara Falls Date: 7 Oct 2024 Surveyors: JJJ

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	DL	mTPZ	Location	Comments	Action
1	Japanese Flowering Lilac	<i>Syringa reticulata 'Ivory Silk'</i>	7, 2	FG	FG	FG	1	1.8	Regional ROW	Union at ground, 10% crown dieback	Remove
2	Japanese Flowering Lilac	<i>Syringa reticulata 'Ivory Silk'</i>	8	G	G	G	1	1.8	Regional ROW		Remove
3	Japanese Flowering Lilac	<i>Syringa reticulata 'Ivory Silk'</i>	8	FG	G	G	1	1.8	Regional ROW	Coppice growth	Remove
4	Japanese Flowering Lilac	<i>Syringa reticulata 'Ivory Silk'</i>	8	G	G	G	1	1.8	Regional ROW		Remove
5	Siberian Elm	<i>Ulmus pumila</i>	8, 9	F	FG	G	2	1.8	Boundary - Regional ROW/ Subject Property	Union at 0.5 m	Remove
6	Hackberry	<i>Celtis occidentalis</i>	14	G	G	G	3	2.4	Regional ROW		Preserve
7	Black Walnut	<i>Juglans nigra</i>	12, 11, 8, 8, 8	F	FG	G	4	2.4	Subject Property	Union at ground, flare growing against a rock	Preserve

**Legend**

DBH	Diameter at Breast Height (cm)
TI	Trunk Integrity (G, F, P)
CS	Crown Structure (G, F, P)
CV	Crown Vigor (G, F, P)
DL	Dropline (m)
mTPZ	Minimum Tree Preservation Zone (m)
G	Good
F	Fair
P	Poor
-	Estimate

- LEGEND**
- Surveyed Tree Location
  - GPS Tree Location
  - Tree Number Identified for Preservation (GREEN)
  - Tree Number Identified for Removal (Red)
  - Tree Preservation Zone Symbol
  - Minimum Tree Protection Zone (mTPZ)
  - Tree Protection Fence Location
  - Property Boundary

- Tree Protection Recommendations**  
 The following recommendations are made in an attempt to reduce the impacts to trees identified for preservation:
- Tree protection fence must be installed at the mTPZ distance outlined on this drawing prior to the commencement of construction, unless noted otherwise on this drawing.
  - 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 anytime during construction unless noted otherwise on this drawing.
  - 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 practices.
  - 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.

**Table 2. Minimum tree preservation zone distances.**

DBH (cm)	Min. Tree Preservation Zone Distance (m)*
< 10	1.8
11 - 40	2.4
41 - 50	3
51 - 60	3.6
61 - 70	4.2
71 - 80	4.8
81 - 90	5.4
91 - 100	6
101 - 110	6.6

\*As measured from the outside of the tree trunk.

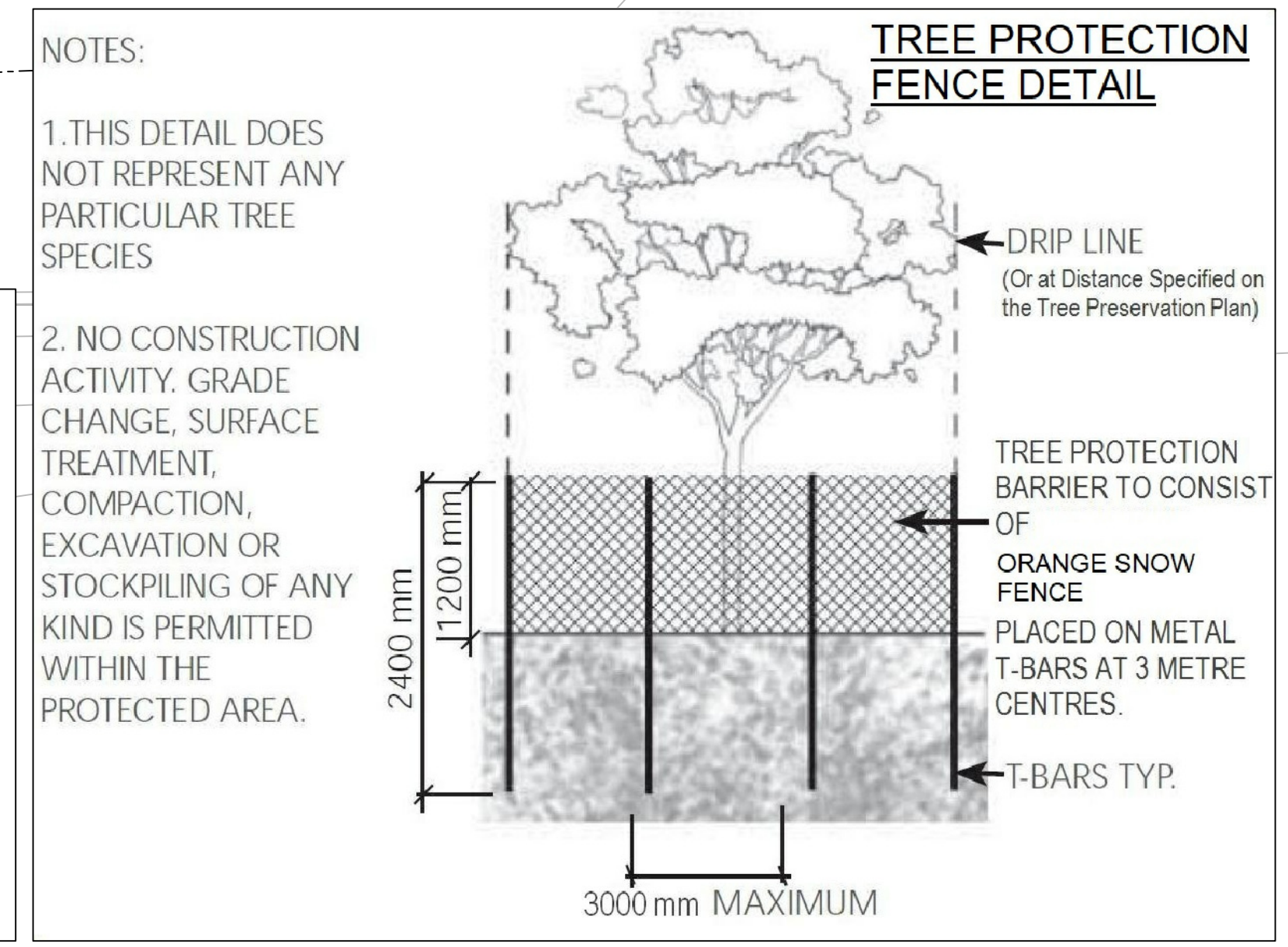
**TREE PROTECTION PLAN NOTES**  
 Prior to site disturbance the owner must confirm that no migratory birds are making use of the site for nesting. The owner must ensure that the works are in conformance with the Migratory Bird Convention Act and that no migratory bird nests will be impacted by the proposed 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 page 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 barriers.

**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	Issued for Distribution	9 Oct 2024	JJJ

Data Source: Upper Canada Consultants

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**Tree Preservation Plan**

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Project # P525 Sheet # 1

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Scale 1:250 @ 24x36