



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 applicant's 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 fence.

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.

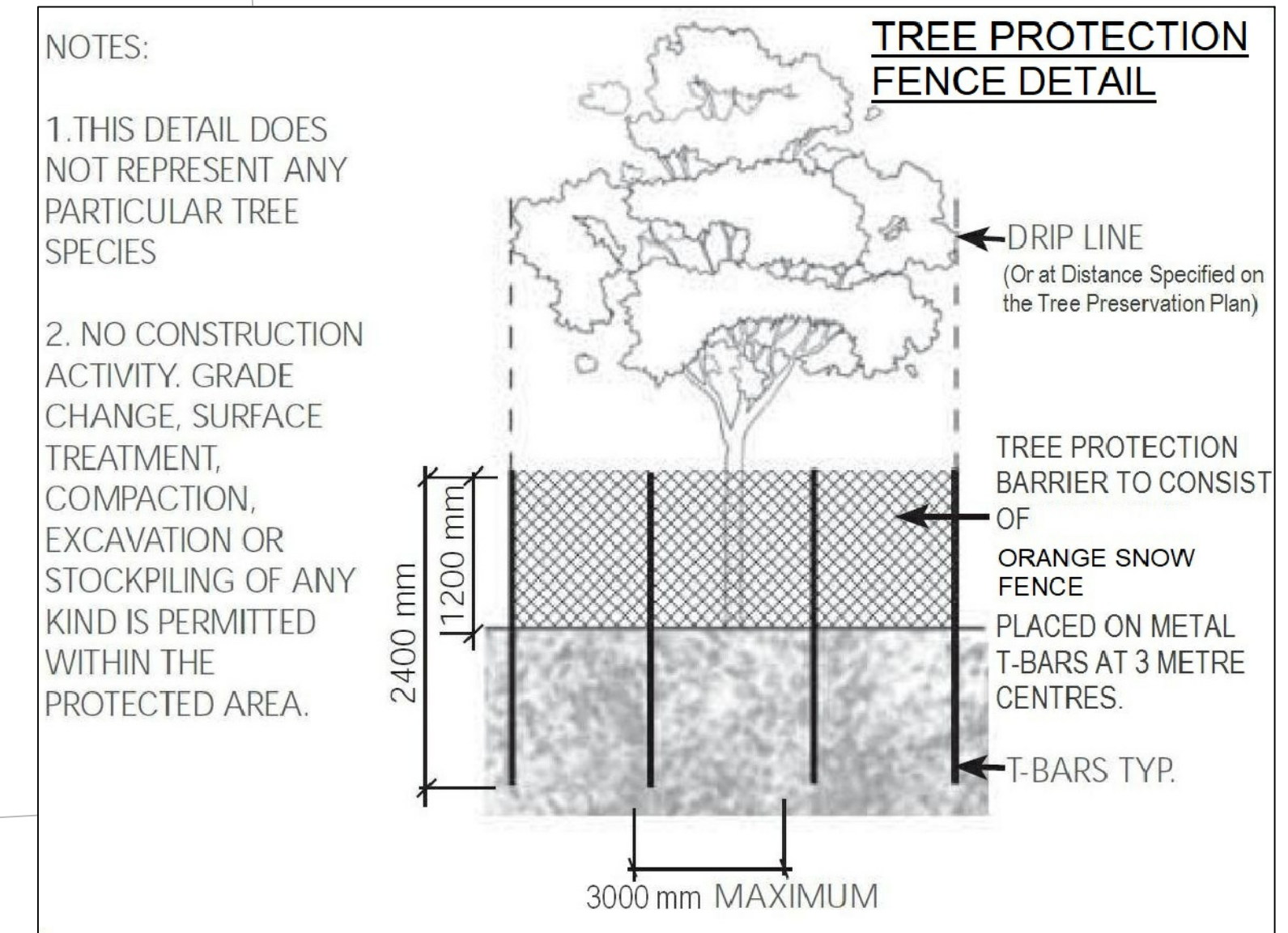


Table 1. Tree Inventory
 Location: 6529 St. John St. Niagara Falls Date: 11 Oct. 2023 Surveyors: JJJ

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	DL	Location	Comments	Recom.
1	European Larch	<i>Larix decidua</i>	22	G	F	F	3	Subject Property	Crown bowed south - understory	Remove
2	Eastern White Cedar	<i>Thuja occidentalis</i>	36, 30	FG	FG	F	2	Subject Property	Union at ground, understory	Remove
3	Norway Maple	<i>Acer platanoides</i>	75	G	G	G	8	Subject Property		Remove
4	Apple species	<i>Malus spp.</i>	21	G	G	G	4	Subject Property		Remove
5	Manitoba Maple	<i>Acer negundo</i>	-10, 12	F	F	G	2	Neighbouring	Union at ground	Preserve
6	Black Locust	<i>Robinia pseudoacacia</i>	12, 8	F	FG	G	4	Subject Property	Union at 0.6 m	Remove
Unit 7	Eastern White Cedar	<i>Thuja occidentalis</i>	10-15	F	FG	G	1.5	Neighbouring	12 cedar trees	Preserve
8	Blue Spruce	<i>Picea pungens</i>	35	G	G	G	3	Subject Property		Remove
9	Norway Maple	<i>Acer platanoides</i>	-23	G	G	G	3	Neighbouring		Preserve
10	Manitoba Maple	<i>Acer negundo</i>	-12, 15	F	FG	G	5	Neighbouring	Union at ground	Preserve
11	White Mulberry	<i>Morus alba</i>	-7, 15	F	F	FG	6	Neighbouring	Clump of 8 stems	Preserve
Unit 12	Eastern White Cedar	<i>Thuja occidentalis</i>	8-12	F	FG	FG	2	Neighbouring	7 cedar trees	Preserve
13	Manitoba Maple	<i>Acer negundo</i>	-25, 30	F	F	FG	4	Neighbouring	Union at ground, lean north	Preserve
14	European Larch	<i>Larix decidua</i>	20	G	G	G	3	Subject Property		Remove
15	Eastern White Cedar	<i>Thuja occidentalis</i>	16, 13, 7.5	F	FG	FG	2	Subject Property	Union at 1.4 m	Remove
16	Eastern White Cedar	<i>Thuja occidentalis</i>	43	F	FG	G	4	Subject Property	Union at 1.5 m diameter measured at 0.8 m due to union	Remove
17	White Pine	<i>Pinus strobus</i>	36	G	G	G	4	Subject Property		Remove
18	Mountain Ash species	<i>Sorbus spp.</i>	11	G	G	G	2	Subject Property		Remove
19	Eastern White Cedar	<i>Thuja occidentalis</i>	14, 7, 7	FG	G	G	1.5	Subject Property	Union at ground	Preserve
20	White Mulberry	<i>Morus alba</i>	12, 14	F	F	FG	4	Subject Property	Union at ground	Remove
21	White Mulberry	<i>Morus alba</i>	11	G	G	G	3	Subject Property		Remove
22	Siberian Elm	<i>Ulmus pumila</i>	-30, 23	F	FG	G	5	Boundary	Union at ground	Remove
23	Siberian Elm	<i>Ulmus pumila</i>	-12	G	G	G	2	Boundary		Remove
24	Siberian Elm	<i>Ulmus pumila</i>	-14	G	G	G	3	Boundary		Remove
25	White Mulberry	<i>Morus alba</i>	10	G	G	G	3	Subject Property	Crown bowed south - understory	Remove
26	Siberian Elm	<i>Ulmus pumila</i>	15	G	G	G	3	Subject Property		Remove
27	White Pine	<i>Pinus strobus</i>	-40	G	G	G	4	Neighbouring		Preserve
28	White Pine	<i>Pinus strobus</i>	-35	G	G	G	4	Neighbouring		Preserve
29	White Pine	<i>Pinus strobus</i>	-28	G	G	G	3	Neighbouring		Preserve
30	Black Cherry	<i>Prunus serotina</i>	15	F	G	G	4	Boundary	Crook/bowed west	Remove
31	Siberian Elm	<i>Ulmus pumila</i>	-45, 45	F	F	FG	7	Neighbouring	Union at 0.5 m	Remove
32	Siberian Elm	<i>Ulmus pumila</i>	-55	F	F	FG	4	Neighbouring	Union at 1.4 m with included bark, diameter estimated at 1 m, 30% crown dieback	Remove
33	Siberian Elm	<i>Ulmus pumila</i>	-50	F	F	FG	4	Neighbouring	Union at 1 m with included bark, 30% crown dieback, diameter estimated at 0.5 m due to union	Remove
34	Siberian Elm	<i>Ulmus pumila</i>	70	F	F	FG	4	Boundary	Pruning wound, 30% crown dieback, diameter measured at 0.5 m due to pruning wound	Remove
35	Siberian Elm	<i>Ulmus pumila</i>	-30	F	FG	F	4	Neighbouring	Light lean south, 20% crown dieback	Remove
36	Siberian Elm	<i>Ulmus pumila</i>	-20	G	FG	G	3	Neighbouring	Bowed southwest	Remove
37	Silver Maple	<i>Acer saccharinum</i>	-60	G	G	G	6	Neighbouring		Preserve
38	Apple species	<i>Malus spp.</i>	-30	G	G	G	5	Neighbouring	Union at 1.6 m	Remove
39	Siberian Elm	<i>Ulmus pumila</i>	-35	G	G	G	5	Neighbouring		Remove
40	Siberian Elm	<i>Ulmus pumila</i>	-40	G	FG	F	8	Neighbouring	20% crown dieback	Preserve
41	Siberian Elm	<i>Ulmus pumila</i>	-50	F	FG	FG	6	Neighbouring	Union at 1.8 m bowed west	Preserve
42	Siberian Elm	<i>Ulmus pumila</i>	-35	G	G	G	4	Neighbouring		Preserve
43	Norway Maple	<i>Acer platanoides</i>	-65	G	G	G	9	Neighbouring	Union at 2 m	Preserve

Table 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 Drip Line (m)
 Recom. Recommendation (preserve/remove)
 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
 - Dripline
 - Property Boundary
 - Tree Protection Fence Location

- 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 dripline prior to the commencement of demolition, 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 any time during construction unless noted otherwise in this report and on Sheet 1.
 - No grading or 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.

No.	Description	Date	By
1	Report Submittal	24 Oct. 2023	JJJ

6529 St. John Street
 Niagara Falls, ON

Niagara Pines Developments Inc.
 6102 Perkins St. Unit 6B
 Niagara Falls, ON L2E 5R8

Tree Preservation Plan

JACKSON ARBORICULTURE INC.
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 Bradford, ON N3B 4B8
 905-413-4483
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Project # P435 Sheet # 1
 Date 24 October 2023
 Scale 1:250 (@ 24x35)