



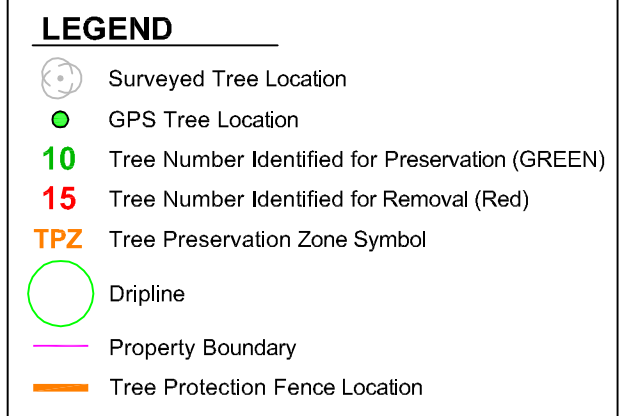
**NOTE:**  
Encroachment within the driplines of Trees 1, 4, 6, 8, 15, 17, 19, 24, 30, 35, 37-40, 43, 45 and 47 will be required to accommodate the proposed development. If any roots are exposed during construction they must be pruned by a Certified Arborist in accordance with good arboricultural practice to ensure that the root systems are not damaged during construction.

**Table 1. Tree Inventory**  
Location: 4280 Fourth Ave, Niagara Falls Date: 22 Sep. 2023 Surveyors: JJJ

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	DL	Location	Comments	Recom.
1	Eastern Cottonwood	Populus deltoides	49, 43, 58, 30, 25	F	FG	G	3	Neighbouring	Union at ground	Preserve
2	Black Walnut	Juglans nigra	20	G	F	G	3	Neighbouring	Union at ground, lean south, 30% crown dieback	Preserve
3	Manitoba Maple	Acer negundo	19, 17, 17	F	FG	G	3	Neighbouring	Union at ground, 30% crown dieback	Preserve
4	Eastern Cottonwood	Populus deltoides	58, 40	FG	G	G	8	Neighbouring	Union at 1.2 m	Preserve
5	Norway Maple	Acer platanoides	21	G	G	G	4	Neighbouring	Union at 1.2 m	Preserve
6	Eastern Cottonwood	Populus deltoides	28	G	G	G	8	Neighbouring	Union at 1.2 m	Preserve
7	Siberian Elm	Ulmus pumila	20, 13	F	FG	G	3	Neighbouring	Union at 1 m	Preserve
8	Eastern Cottonwood	Populus deltoides	45, 42, 40	F	FG	G	8	Neighbouring	Union at ground	Preserve
9	Manitoba Maple	Acer negundo	-30, 28, 20	F	FG	G	5	Neighbouring	Union at ground, 30% crown dieback	Preserve
10	Manitoba Maple	Acer negundo	-15	FG	G	G	4	Neighbouring	Bowed south	Preserve
11	Siberian Elm	Ulmus pumila	13, 10	F	FG	G	3	Boundary	Union at ground	Preserve
12	Siberian Elm	Ulmus pumila	19, 13	F	FG	G	3	Subject Property	Union at 0.8 m	Preserve
13	Siberian Elm	Ulmus pumila	17	G	G	G	4	Subject Property	Union at 0.8 m	Preserve
14	Siberian Elm	Ulmus pumila	13	G	G	G	3	Subject Property	Bowed west	Preserve
15	Siberian Elm	Ulmus pumila	16, 17	F	FG	G	4	Subject Property	Union at 0.5 m	Preserve
16	Manitoba Maple	Acer negundo	-15	FG	G	G	3	Neighbouring	Understorey	Preserve
17	Manitoba Maple	Acer negundo	-11, 12, 13	F	FG	G	4	Neighbouring	Union at ground	Preserve
18	Siberian Elm	Ulmus pumila	-20	G	G	G	3	Neighbouring	Union at ground	Preserve
19	Manitoba Maple	Acer negundo	-14	G	G	G	4	Neighbouring	Bowed west	Preserve
20	Norway Maple	Acer platanoides	-25	G	G	G	3	Neighbouring	Union at ground	Preserve
21	Siberian Elm	Ulmus pumila	18	G	G	G	3	Neighbouring	Union at ground	Preserve
22	Siberian Elm	Ulmus pumila	-10, 11, 7	F	FG	G	3	Neighbouring	Union at 1.5 m	Preserve
23	Siberian Elm	Ulmus pumila	-14	F	FG	G	3	Neighbouring	Union at 1.5 m	Preserve
24	Black Walnut	Juglans nigra	13	FG	G	G	3	Subject Property	Included wire fence	Preserve
25	Silver Maple	Acer saccharinum	11	FG	G	G	2	Subject Property	Included wire fence	Preserve
26	Siberian Elm	Ulmus pumila	11, 12, 6	F	FG	G	2	Neighbouring	Union at ground	Preserve
27	Siberian Elm	Ulmus pumila	-11	G	G	G	2	Neighbouring	Union at ground	Preserve
28	Siberian Elm	Ulmus pumila	-11	G	G	G	2	Neighbouring	Union at ground	Preserve
29	Manitoba Maple	Acer negundo	-15, 8	F	P	P	2	Neighbouring	Union at ground, 80% crown dieback	Preserve
30	Manitoba Maple	Acer negundo	13, 12	F	FG	G	3	Neighbouring	Union at ground	Preserve
31	Manitoba Maple	Acer negundo	23, 23	F	FG	G	4	Boundary	Union at ground	Preserve
32	Manitoba Maple	Acer negundo	25, 20, 20, 30	F	FG	G	5	Subject Property	Union at ground	Remove
33	Sweet Cherry	Prunus avium	28	G	G	G	4	Boundary	Union at ground	Preserve
34	Manitoba Maple	Acer negundo	12, 10	F	FG	G	3	Subject Property	Union at ground	Remove
35	Green Ash	Fraxinus pennsylvanica	-16	F	P	P	3	Neighbouring	Epimorphic branching, 30% crown dieback, EAB infestation	Preserve
36	Green Ash	Fraxinus pennsylvanica	11, 7	F	G	G	2	Subject Property	Union at ground	Remove
37	Green Ash	Fraxinus pennsylvanica	-12	P	P	P	3	Boundary	Peeling bark, epimorphic branching, EAB infestation	Preserve
38	Green Ash	Fraxinus pennsylvanica	-12	P	P	P	3	Boundary	Peeling bark, epimorphic branching, EAB infestation	Preserve
39	Green Ash	Fraxinus pennsylvanica	-12	P	P	P	3	Neighbouring	Peeling bark, epimorphic branching, EAB infestation	Preserve
40	Green Ash	Fraxinus pennsylvanica	-12	P	P	P	3	Neighbouring	Peeling bark, epimorphic branching, EAB infestation	Preserve
41	Silver Maple	Acer saccharinum	-5	FG	FG	G	3	Neighbouring	Lean east	Preserve
42	Green Ash	Fraxinus pennsylvanica	-10	P	P	P	2	Neighbouring	Peeling bark, epimorphic branching, EAB infestation	Preserve
43	Silver Maple	Acer saccharinum	-15	FG	G	G	4	Boundary	Union at ground	Preserve
44	Green Ash	Fraxinus pennsylvanica	-15, 12	P	P	P	1	Neighbouring	Union at ground, peeling bark, epimorphic branching, 80% crown dieback	Preserve
45	Green Ash	Fraxinus pennsylvanica	-14	F	F	F	3	Neighbouring	Bowed north, peeling bark, epimorphic branching, EAB infestation	Preserve
46	Green Ash	Fraxinus pennsylvanica	-10	P	P	P	1	Neighbouring	Peeling bark, epimorphic branching, 60% crown dieback, EAB infestation	Preserve
47	Green Ash	Fraxinus pennsylvanica	-13	F	F	F	3	Neighbouring	Peeling bark, epimorphic branching, EAB infestation	Preserve
48	Manitoba Maple	Acer negundo	13, 13	F	FG	G	5	Subject Property	Union at ground, bowed north	Remove
49	Green Ash	Fraxinus pennsylvanica	-13	P	P	P	2	Neighbouring	Peeling bark, Epimorphic branching, 60% crown dieback, EAB infestation	Preserve
50	Green Ash	Fraxinus pennsylvanica	-17	P	P	P	3	Neighbouring	Peeling bark, epimorphic branching, 30% crown dieback, EAB infestation	Preserve
51	Northern Catalpa	Catalpa speciosa	22	FG	G	G	3	Subject Property	Lean west	Remove
52	Silver Maple	Acer saccharinum	11	G	G	G	3	Subject Property	Lean west	Remove
53	Siberian Elm	Ulmus pumila	10	G	G	G	3	Subject Property	Union at ground	Remove

**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 Deline (m)  
Recom Recommendation (preserve/remove)  
G Good  
F Fair  
P Poor  
EAB Emerald Ash Borer  
- Estimate



**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 pre-grading, 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 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.

**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.

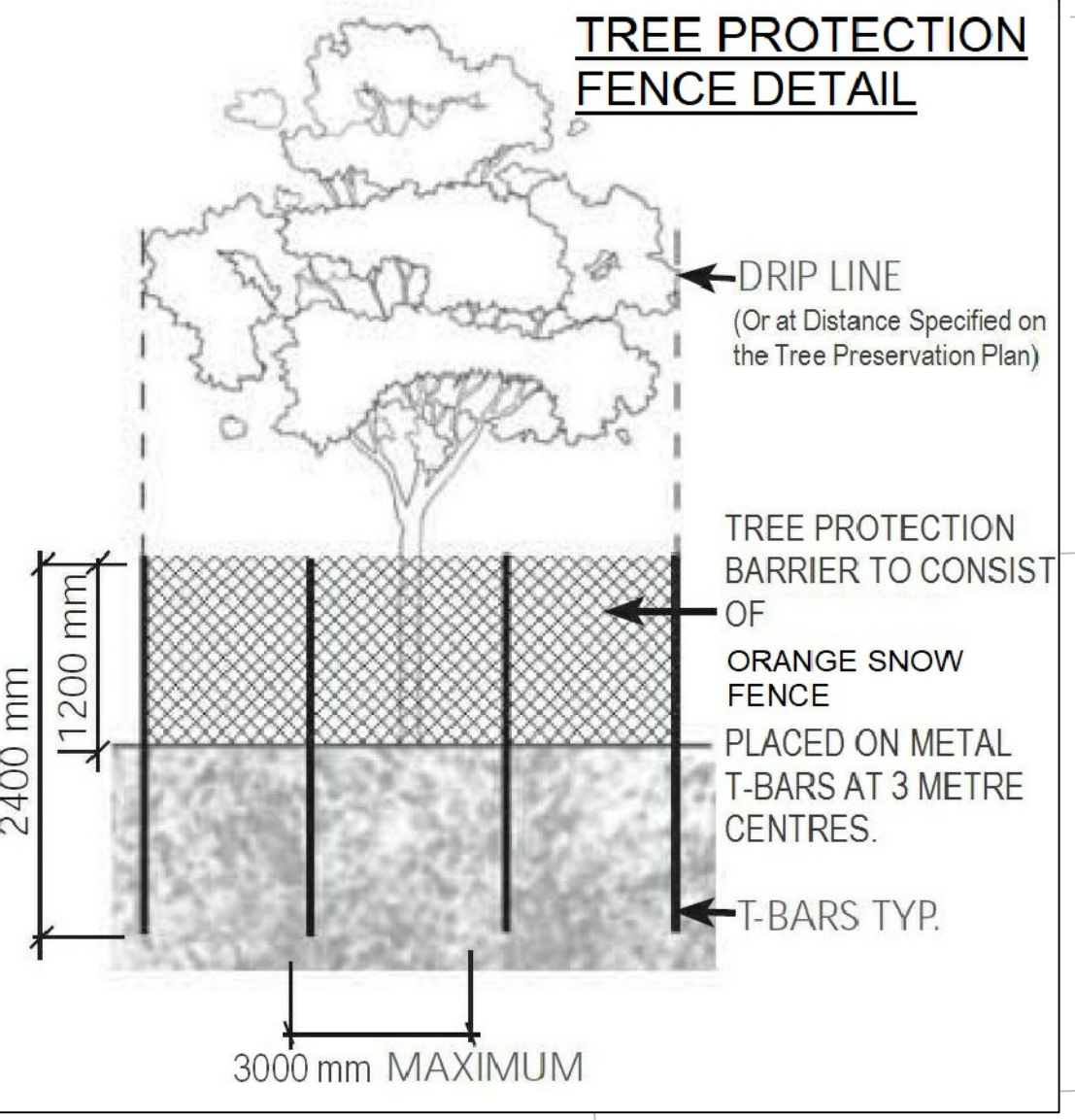
**TREE PROTECTION BARRIERS:** Tree protection barriers must be installed around trees to be protected using paige wire fence supported on metal T-bars. All supports and bracing to safely secure the barrier should be outside the TPZ. All such supports and bracing should minimize damage to roots outside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

**NOTES:**

- THIS DETAIL DOES NOT REPRESENT ANY PARTICULAR TREE SPECIES
- NO CONSTRUCTION ACTIVITY, GRADE CHANGE, SURFACE TREATMENT, COMPACTION, EXCAVATION OR STOCKPILING OF ANY KIND IS PERMITTED WITHIN THE PROTECTED AREA.



No.	Description	Date	By
1	Report Submittal	10 Oct. 2023	JJJ

Data Source: MTE, Jason Piskorski Design - Architects Inc.

**4280 Fourth Avenue**  
Niagara, ON

**1274505 Ontario Limited**  
4199 Renook Court  
Mississauga, ON L5C 4K3

**Tree Preservation Plan**

**JACKSON ARBORICULTURE INC.**  
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905-812-3483  
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Project: P430 Sheet: 1

Date: 10 October 2023

Scale: 1:250 (@ 24x35)