

NOTE:
Light encroachment within the mTPZ of Trees 1 and 61 will be required to accommodate the proposed sidewalk. 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.

NOTE:
Encroachment within the mTPZ of Trees 30, 33 and 34 will be required to accommodate the proposed asphalt parking. 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.

Table 2. Minimum tree preservation zone distances.

DBH (cm)	Min. Tree Preservation Zone Distance (m)*	
	Radius	Distance
< 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 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 regulation.

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 farm 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.

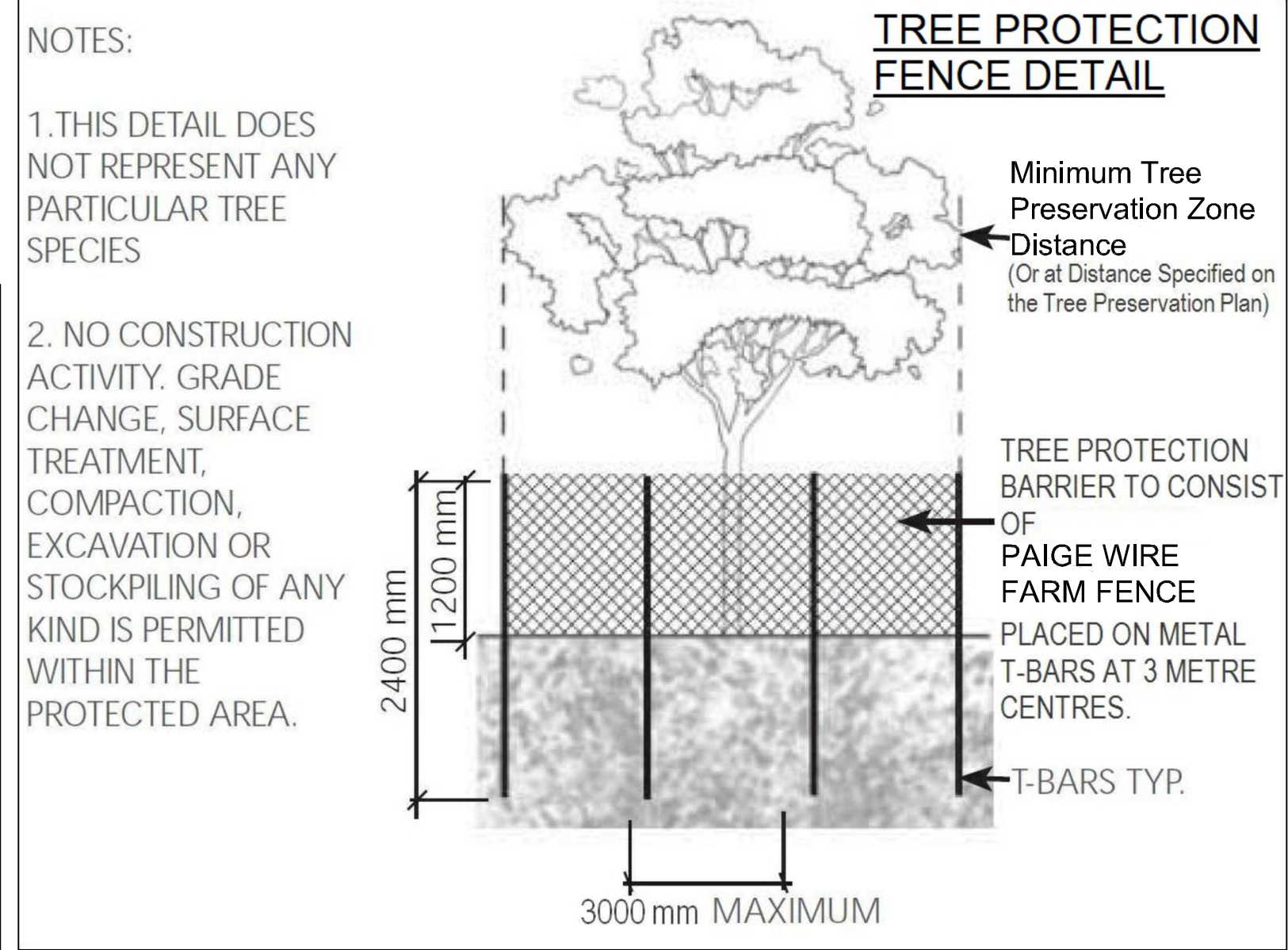
ARBORICULTURAL WORK:
Any roots or branches which extend beyond the TPZ indicated on this plan which require pruning, must be pruned by a Certified Arborist. All pruning of tree roots and branches must be in accordance with good arboricultural standards. Roots located outside the TPZ that have received 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: 5372 & 5390 Hodgson Ave, Niagara Falls Date: 19 Feb. 2026 Surveyors: JJJ

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	DL	mTPZ	Location	Comments	Recommendation	Reason
1	Norway Maple	<i>Acer platanoides</i>	83	F	F	F	7	5.4	Subject Property	Union at 2 m, 10% crown dieback	Preserve	
2	Black Walnut	<i>Juglans nigra</i>	35	F	FG	G	5	2.4	Subject Property	Stem wounds	Remove	Asphalt parking
3	Siberian Elm	<i>Ulmus pumila</i>	15	G	G	G	4	2.4	Subject Property		Remove	Asphalt parking
4	Siberian Elm	<i>Ulmus pumila</i>	10.8	F	FG	G	3	2.4	Subject Property	Union at ground	Remove	Asphalt parking
5	Silver Maple	<i>Acer saccharinum</i>	73, 38, 45, 40, 14, 39	F	F	G	9	5.4	Subject Property		Remove	Foundation excavation
6	Norway Maple	<i>Acer platanoides</i>	17	F	FG	G	5	2.4	Subject Property	Stem included by tree 5, understorey	Remove	Foundation excavation
7	Siberian Elm	<i>Ulmus pumila</i>	~41	G	FG	FG	5	3.0	Neighbouring	Pruning wounds, crown bow ed west	Preserve	
8	Norway Maple	<i>Acer platanoides</i>	~18	G	G	G	3	2.4	Neighbouring		Preserve	
9	Norway Maple	<i>Acer platanoides</i>	~18	FG	G	G	4	2.4	Neighbouring	Union at 1.8 m	Preserve	
10	Norway Maple	<i>Acer platanoides</i>	37	F	F	G	5	2.4	Boundary	Included telephone pole at flare	Preserve	
11	Siberian Elm	<i>Ulmus pumila</i>	~12	G	G	G	3	2.4	Neighbouring		Preserve	
12	Blue Spruce	<i>Picea pungens</i>	~18	G	FG	FG	3	2.4	Neighbouring	Understorey	Preserve	
13	Sugar Maple	<i>Acer saccharum</i>	~10	G	G	G	3	2.4	Neighbouring	Understorey	Preserve	
14	Northern Catalpa	<i>Catalpa speciosa</i>	~20	F	F	F	0	2.4	Neighbouring	Union at 1.4 m, diameter measured at 1m due to union, understorey	Preserve	
15	Siberian Elm	<i>Ulmus pumila</i>	~13	G	G	G	2	2.4	Neighbouring		Preserve	
16	Honey Locust cultivar	<i>Gleditsia triacanthos var. 'inermis'</i>	~45, 10	G	G	G	8	3.0	Neighbouring	Union at ground	Preserve	
17	Siberian Elm	<i>Ulmus pumila</i>	14	G	FG	FG	3	2.4	Neighbouring	Understorey	Preserve	Foundation excavation
18	Siberian Elm	<i>Ulmus pumila</i>	65	G	G	G	7	4.2	Subject Property		Remove	
19	Norway Maple	<i>Acer platanoides</i>	~51	F	FG	G	7	3.6	Neighbouring		Preserve	
20	Norway Maple	<i>Acer platanoides</i>	51	F	FG	FG	8	3.6	Boundary	Union at 2 m, lean south	Preserve	
21	Siberian Elm	<i>Ulmus pumila</i>	70	G	G	G	6	4.2	Subject Property		Remove	Foundation excavation
22	White Birch	<i>Betula papyrifera</i>	~45	F	F	F	5	3.0	Neighbouring	Union at 2 m, 20% crown dieback, crown bow ed north	Preserve	
23	Norway Maple	<i>Acer platanoides</i>	~45	F	F	F	6	3.0	Neighbouring	Union at 1.6 m, poor form	Preserve	
24	Siberian Elm	<i>Ulmus pumila</i>	35	G	G	G	5	2.4	Boundary		Preserve	
25	Siberian Elm	<i>Ulmus pumila</i>	88, 62, 63	F	FG	FG	9	6.0	Subject Property	Unions at 0.6 and 1.2 m, natural branch cavity	Remove	Asphalt parking
26	Siberian Elm	<i>Ulmus pumila</i>	37	G	G	G	6	2.4	Subject Property		Remove	Asphalt parking
27	Siberian Elm	<i>Ulmus pumila</i>	29	G	FG	FG	5	2.4	Subject Property		Remove	Asphalt parking
28	Siberian Elm	<i>Ulmus pumila</i>	33, 21	F	F	FG	4	2.4	Subject Property	Union at ground, understorey	Remove	Asphalt parking
29	Siberian Elm	<i>Ulmus pumila</i>	~25	G	G	G	4	2.4	Neighbouring		Preserve	
30	Siberian Elm	<i>Ulmus pumila</i>	~120	FG	FG	FG	13	7.2	Neighbouring		Preserve	
31	Siberian Elm	<i>Ulmus pumila</i>	~31	FG	F	F	3	2.4	Neighbouring	Understorey	Preserve	
32	Siberian Elm	<i>Ulmus pumila</i>	29	G	F	F	4	2.4	Subject Property	Understorey	Preserve	
33	Siberian Elm	<i>Ulmus pumila</i>	~65	G	F	F	5	4.2	Boundary		Preserve	
34	Siberian Elm	<i>Ulmus pumila</i>	~81, 36	F	F	FG	13	5.4	Boundary	Unions at ground and 1.5 m	Preserve	Foundation excavation, grading
35	Norway Maple	<i>Acer platanoides</i>	27	G	FG	FG	6	2.4	Subject Property	Understorey	Remove	Foundation excavation, grading
36	Norway Maple	<i>Acer platanoides</i>	~28	G	G	G	4	2.4	Neighbouring		Preserve	
37	Tree-of-heaven	<i>Ailanthus altissima</i>	~100	F	FG	FG	8	6.0	Neighbouring	Union at 1.4	Preserve	
38	Tree-of-heaven	<i>Ailanthus altissima</i>	~51	F	FG	G	5	3.6	Neighbouring		Preserve	
39	Tree-of-heaven	<i>Ailanthus altissima</i>	~61	G	F	F	4	4.2	Neighbouring		Preserve	
40	Norway Spruce	<i>Picea abies</i>	44	G	G	G	5	3.0	Neighbouring	Broken branches	Preserve	
41	Norway Spruce	<i>Picea abies</i>	~25	G	FG	FG	3	2.4	Neighbouring		Preserve	
42	Norway Spruce	<i>Picea abies</i>	41	G	G	G	6	3.0	Neighbouring		Preserve	
43	Norway Spruce	<i>Picea abies</i>	24	G	FG	FG	4	2.4	Neighbouring		Preserve	
44	Norway Spruce	<i>Picea abies</i>	~20	G	F	F	3	2.4	Neighbouring	Understorey	Preserve	
45	Norway Spruce	<i>Picea abies</i>	51	G	G	G	7	3.6	Neighbouring		Preserve	
46	Norway Spruce	<i>Picea abies</i>	52	G	G	G	6	3.6	Neighbouring		Preserve	
47	Norway Spruce	<i>Picea abies</i>	41	G	G	G	7	3.0	Neighbouring		Preserve	
48	Norway Spruce	<i>Picea abies</i>	62	G	G	G	6	4.2	Neighbouring		Preserve	
49	Norway Spruce	<i>Picea abies</i>	~31	G	G	G	3	2.4	Neighbouring		Preserve	
50	Norway Spruce	<i>Picea abies</i>	47	G	G	G	6	3.0	Neighbouring		Preserve	
51	Norway Spruce	<i>Picea abies</i>	54	G	G	G	6	3.6	Neighbouring		Preserve	
52	Norway Spruce	<i>Picea abies</i>	61	G	G	G	7	4.2	Neighbouring		Preserve	
53	Norway Spruce	<i>Picea abies</i>	38	G	G	G	6	2.4	Neighbouring		Preserve	
54	Norway Spruce	<i>Picea abies</i>	55	G	G	G	6	3.6	Neighbouring		Preserve	
55	Norway Spruce	<i>Picea abies</i>	38	G	G	G	6	2.4	Neighbouring		Preserve	
56	Norway Maple	<i>Acer platanoides</i>	15	G	G	G	3	2.4	Subject Property		Remove	Foundation excavation
57	Little-leaf Linden	<i>Tilia cordata</i>	47	FG	G	G	5	3.0	Subject Property	Union at 2 m, coppice growth	Remove	Concrete sidewalk
58	Little-leaf Linden	<i>Tilia cordata</i>	73	FG	G	G	7	4.2	Subject Property	Union at 1.8 m	Remove	Concrete sidewalk
59	Norway Maple	<i>Acer platanoides</i>	38	G	G	G	4	2.4	Subject Property		Remove	Concrete patio
60	Norway Maple	<i>Acer platanoides</i>	81	F	FG	G	7	5.4	Subject Property	Union at 2 m w th seam	Preserve	
61	Norway Maple	<i>Acer platanoides</i>	84	F	FG	FG	9	5.4	Subject Property	Union at 2.5 m, south west, 10% crown dieback	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	Drip-line	(m)
mTPZ	Minimum Tree Preservation Zone	(m)
G	Good	
F	Fair	
P	Poor	
-	Estimate	



LEGEND

- GPS Tree Location
- Surveyed Tree Location
- Tree Number Identified for Preservation (GREEN)
- Tree Number Identified for Removal (Red)
- Tree Preservation Zone Symbol
- Minimum Tree Protection Zone (mTPZ) - Refer to Table 1 for mTPZ distance
- Tree Protection Fence Location
- Property Boundary

Tree Inventory
A site visit was conducted on the 19th of February 2026 by ISA Certified Arborist Jeremy Jackson (ON-1089A) to complete the tree inventory. All trees 10 cm in diameter and larger situated on subject property, on neighbouring property within 6 m and within the road allowance were included in the inventory. A visual assessment was completed on each tree included in the inventory and the following information is provided in the tree inventory table (Table 1):

- Tree #:** A number assigned to each tree corresponding to the tree inventory and the Tree Preservation Plan (Sheet 1).
- Species:** Common and scientific (Latin) species names.
- DBH:** The trunk diameter at breast height, measured in centimeters at 1.4 m from the ground.
- Condition:** The health of the tree considering the trunk integrity, the crown structure and the crown vigour; each rated as poor, fair or good. The condition ratings are based on the signs, symptoms and defects exhibited by each tree, considering the conditions in which it is growing.
- Drip-line:** The distance from the trunk to the tips of the live branches.
- mTPZ:** Minimum Tree Preservation Zone distance measured in meters from the trunk of the tree, at which tree protection fence is to be installed.
- Location:** The property where the tree is situated, based on the topographic survey.
- Comments:** Any additional notes relevant to the tree's health or growing conditions.
- Recommendation:** The recommended removal or preservation of each tree based on the impact assessment.
- Reason:** The portion of the proposed development that conflicts with the tree location.

Tree Preservation
The preservation of Trees 1, 7-9, 10-17, 19, 20, 22-24, 29-34, 35-55, 60 and 61 will be possible with the use of appropriate tree protection measures. Tree protection measures must be implemented prior to the commencement of construction. Tree protection fence must be installed at the mTPZ distances as outlined on this drawing and on Table 1, unless noted otherwise on this drawing.

Tree Removal
The removal of Trees 2-6, 18, 21, 25-28, 35 and 56-59 will be required to accommodate the proposed development. All of the trees identified for removal reside on subject property.

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 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 replacing fallen fence etc.) for the duration of the construction period.
- No intrusion into an area identified on this drawing as a tree preservation zone (TPZ) is allowed at any time 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 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	Issued for Submission	25 Feb. 2026	JJJ
2	Revised for Submission	12 May 2026	JJJ

Date Source: Quirks

5372 & 5390 Hodgson Avenue
Niagara Falls, ON

1000038254 Ontario Inc.
Niagara Falls, ON

Tree Preservation Plan

JACKSON ARBORICULTURE INC.
CONSULTING AND IR ANALYSIS

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Project # P622 Sheet # 1

Date 12 May 2026

Scale 1:300 (@ 24x36)