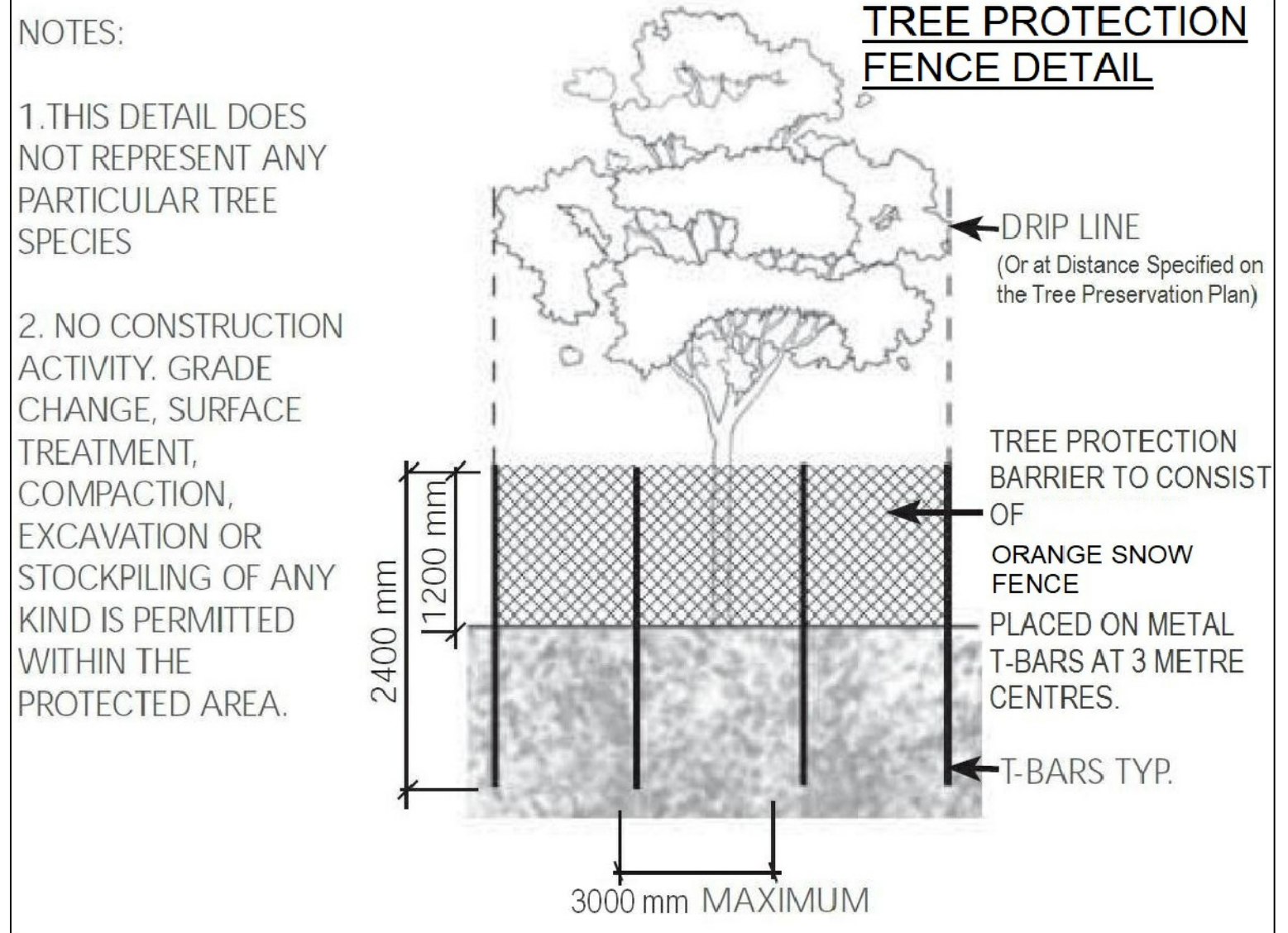


**NOTE:**  
Light encroachment within the driplines of Trees 3, 30, 38 and 39 will be required to accommodate the proposed development. If any roots are exposed during construction they must be pruned by a Certified Arborist in accordance with good arboricultural practice to ensure that the root systems are not damaged during construction.

**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 tearing of the roots.



**Table 1. Tree Inventory**  
Location: 3151 Montrose Rd, Niagara Falls Date: 29 May 2023 Surveyors: JJJ

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	DL	Location	Comments	Recom.
1	Pear species	<i>Pyrus spp.</i>	22, 19, 12, 10, 11	FG	G	G	4	Subject Property		Preserve
2	Blue Spruce	<i>Picea pungens</i>	20	G	G	G	2	Subject Property	Understorey	Preserve
3	Copper Beech	<i>Fagus sylvatica f. purpurea</i>	52	G	G	G	6	Subject Property		Preserve
4	Norway Maple	<i>Acer platanoides</i>	28	G	FG	G	4	Subject Property	Union at 2 m - main stem died at Union	Remove
5	Blue Spruce	<i>Picea pungens</i>	38	G	G	G	3	Subject Property		Preserve
6	Noctua False Cypress	<i>Callitropsis nootkatensis</i>	-15	G	G	G	2	Neighbouring		Preserve
7	Blue Spruce	<i>Picea pungens</i>	25	G	G	G	3	Subject Property		Remove
8	Blue Spruce	<i>Picea pungens</i>	28	G	G	G	3	Subject Property		Remove
9	Honey Locust cultivar	<i>Gleditsia triacanthos var. 'inermis'</i>	9.15	F	FG	G	3	Subject Property	Union at ground	Remove
10	Blue Spruce	<i>Picea pungens</i>	26	G	G	G	2	Subject Property		Remove
11	Blue Spruce	<i>Picea pungens</i>	34	G	G	G	3	Subject Property		Remove
12	Norway Maple	<i>Acer platanoides</i>	-25	G	G	G	4	Neighbouring		Preserve
13	Blue Spruce	<i>Picea pungens</i>	28	G	G	G	3	Subject Property		Remove
14	Trident Red Maple	<i>Acer rubrum var. trilobum</i>	28	G	G	G	3	Subject Property		Remove
15	Blue Spruce	<i>Picea pungens</i>	31	G	G	G	3	Subject Property		Remove
16	Sweet Gum	<i>Liquidambar styraciflua</i>	26	G	G	G	3	Subject Property		Remove
17	Blue Spruce	<i>Picea pungens</i>	36	G	G	G	3	Subject Property		Preserve
18	Blue Spruce	<i>Picea pungens</i>	33	G	G	G	2.5	Subject Property		Preserve
19	White Fir	<i>Abies concolor</i>	39	G	G	G	3	Subject Property		Preserve
20	Japanese Maple	<i>Acer palmatum</i>	11	G	G	G	3	Subject Property		Preserve
21	White Fir	<i>Abies concolor</i>	40	F	G	G	3	Subject Property	Seam	Preserve
22	Sweet Cherry	<i>Prunus avium</i>	-18	FG	F	FG	3	Neighbouring	Topped at 2.5 m	Preserve
23	Tulip Tree	<i>Liriodendron tulipifera</i>	49	G	G	G	6	Subject Property		Preserve
24	Blue Spruce	<i>Picea pungens</i>	-25	G	G	G	2.5	Neighbouring	Lots of low er limb dieback due to competition	Preserve
25	Bigleaf Magnolia	<i>Magnolia macrophylla</i>	13	G	G	G	2	Subject Property		Preserve
26	Blue Spruce	<i>Picea pungens</i>	27	G	G	G	2.5	Subject Property		Remove
27	Dawn Redwood	<i>Metasequoia glyptostroboides</i>	67	G	G	G	5	Subject Property		Remove
28	Pussy Willow	<i>Salix discolor</i>	-20	F	F	PF	3	Neighbouring	30% crown dieback	Preserve
29	Pussy Willow	<i>Salix discolor</i>	-20, 25, 20	F	FG	G	3	Neighbouring	Union at ground	Preserve
30	Pussy Willow	<i>Salix discolor</i>	-20, 20	F	FG	G	3	Neighbouring		Preserve
31	European White Birch	<i>Betula pendula</i>	-35, 15	G	G	G	4	Boundary	Union at ground	Remove
32	White Spruce	<i>Picea glauca</i>	19	FG	FG	G	2	Subject Property	Exposed roots, lean, some root plate failure in the past - appears to be stable now	Remove
33	White Spruce	<i>Picea glauca</i>	20	G	G	G	3	Subject Property		Remove
34	White Spruce	<i>Picea glauca</i>	25	G	G	G	2.5	Subject Property	Exposed roots, some rot plate failure in the past - appears to be stable now	Remove
35	White Spruce	<i>Picea glauca</i>	25	FG	G	G	3	Subject Property	Lean, some root plate failure in the past - appears to be stable now	Remove
36	White Spruce	<i>Picea glauca</i>	-25	P	P	P	2	Neighbouring	Failed - stem lying on ground	Preserve
37	Black Walnut	<i>Juglans nigra</i>	36	G	G	G	5	Subject Property		Remove
38	Blue Spruce	<i>Picea pungens</i>	48	G	G	G	4	Subject Property		Preserve
39	Ginkgo	<i>Ginkgo biloba</i>	22	G	G	G	3	Subject Property		Preserve
40	Weeping White Mulberry	<i>Morus alba 'Pendula'</i>	14	FG	G	G	1.5	Subject Property	Heavy crooks	Remove
41	Weeping White Mulberry	<i>Morus alba 'Pendula'</i>	16	FG	G	G	1.5	Subject Property	Heavy crooks	Remove
42	Austrian Pine	<i>Pinus nigra</i>	40	F	FG	G	5	Subject Property	Growing through fence, lean/bow ed, some root plate failure in the past - appears to be stable now	Remove
43	Austrian Pine	<i>Pinus nigra</i>	39	G	G	G	5	Subject Property		Remove
44	European Hornbeam	<i>Carpinus betulus 'Fastigata'</i>	11	G	G	G	3	Subject Property		Remove
45	European Hornbeam	<i>Carpinus betulus 'Fastigata'</i>	21, 10, 10, 11	FG	G	G	3	Subject Property	Union at 0.3 m, seam in main stem	Remove
46	European Hornbeam	<i>Carpinus betulus 'Fastigata'</i>	15	FG	G	G	3	Subject Property	Seam	Preserve
47	European Hornbeam	<i>Carpinus betulus 'Fastigata'</i>	42	G	G	G	3	Subject Property		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 Dripline (m)  
Recom Recommendation (preserve/remove)  
G Good  
F Fair  
P Poor  
- Estimate

- LEGEND**
- Surveyed Coniferous Tree Location
  - Surveyed Deciduous Tree Location
  - GPS Tree Location
  - 10 Tree Number Identified for Preservation (GREEN)
  - 15 Tree Number Identified for Removal (RED)
  - TPZ 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 construction (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 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	30 May 2023	JJJ

3151 Montrose Road  
Niagara Falls, ON  
1000441695 Ontario Inc.  
10 Wilfrid Laurier Crescent  
St. Catharines, ON L2P 0A4

**Tree Preservation Plan**

JACKSON ARBORICULTURE INC.  
118 Pleasant Ridge Road  
Brampton, ON N3B 4B8  
905-874-8483  
jerry@jacksonarbor.ca

Project # P392  
Date 30 May 2023  
Scale 1:250 @ 24x36

Sheet # 1

