



Table 1. Tree Inventory
 Location: 4170 & 4190 Sixth Concession Rd, Windsor Date: 30 June 2022 Surveyors: JJJ

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	DL	Location	Comments	Recom.
1	Tree-of-heaven	<i>Ailanthus altissima</i>	27	G	G	G	4	ROW		Preserve
2	White Elm	<i>Ulmus americana</i>	36	G	F	F	8	ROW	20% crown dieback	Remove
3	White Elm	<i>Ulmus americana</i>	37	P	P	P	6	ROW	90% crown dieback	Remove
4	Manitoba Maple	<i>Acer negundo</i>	38	F	G	G	7	Subject Property	Stem wound at flare	Remove
5	Manitoba Maple	<i>Acer negundo</i>	44	FG	P	P	8	Subject Property	Union at 2.5 m, light lean, 40% crown dieback	Remove
6	Harkquin Maple	<i>Acer platanoides Drummondii</i>	16	FG	F	F	3	Subject Property	Union at 1.6 m, poor form, understory	Remove
7	Bur Oak	<i>Quercus macrocarpa</i>	51	G	G	G	6	Subject Property		Remove
8	Manitoba Maple	<i>Acer negundo</i>	16	FG	G	G	5	Subject Property	Lean	Remove
9	Manitoba Maple	<i>Acer negundo</i>	19, 16	F	FG	FG	7	Subject Property	Union at ground, understory, lean north	Remove
10	Honey Locust cutivar	<i>Gleditsia triacanthos var. ternisii</i>	27	G	G	G	5	Subject Property		Remove
11	Norway Maple	<i>Acer platanoides</i>	14	G	G	G	3	Subject Property		Remove
12	Blue Spruce	<i>Picea pungens</i>	-13	G	G	G	2	Neighbouring		Preserve
13	Manitoba Maple	<i>Acer negundo</i>	11, 13	FG	G	G	3	Subject Property	Union at 1.2 m	Remove
14	Blue Spruce	<i>Picea pungens</i>	-13	G	G	G	2	Neighbouring		Preserve
15	Norway Maple	<i>Acer platanoides</i>	13	G	G	G	3	Subject Property		Remove
16	Red Oak	<i>Quercus rubra</i>	17	G	G	G	3	Subject Property		Remove
17	Blue Spruce	<i>Picea pungens</i>	-13	G	G	G	2	Neighbouring		Preserve
18	White Spruce	<i>Picea glauca</i>	15	G	G	G	2	Subject Property		Remove
19	White Mulberry	<i>Morus alba</i>	29	F	FG	G	4	Subject Property	Union at 1.4 m	Remove
20	Manitoba Maple	<i>Acer negundo</i>	14, 12	F	G	G	4	Subject Property	Union at ground	Remove
21	Manitoba Maple	<i>Acer negundo</i>	10, 8	FG	G	G	2	Subject Property	Union at ground	Remove
22	Manitoba Maple	<i>Acer negundo</i>	16, 12, 7	F	FG	G	3	Subject Property		Remove
23	Manitoba Maple	<i>Acer negundo</i>	11	G	G	G	3	Subject Property		Remove
24	Tree-of-heaven	<i>Ailanthus altissima</i>	12, 12	F	FG	G	4	Neighbouring	Union at 0.2 m	Preserve
25	White Elm	<i>Ulmus americana</i>	13	FG	G	G	3	Subject Property	Bacterial wetwood	Remove
26	Manitoba Maple	<i>Acer negundo</i>	10, 7	FG	G	G	3	Subject Property		Remove
27	Manitoba Maple	<i>Acer negundo</i>	10	G	G	G	3	Subject Property		Remove
28	Manitoba Maple	<i>Acer negundo</i>	10	G	G	G	3	Subject Property		Remove
29	Manitoba Maple	<i>Acer negundo</i>	11	FG	G	G	3	Subject Property	Lean/bowed	Remove
30	White Mulberry	<i>Morus alba</i>	-30	F	FG	G	5	Neighbouring	Union at 1.5 m	Preserve
31	Manitoba Maple	<i>Acer negundo</i>	10	FG	G	G	2	Subject Property	Lean/west	Remove
32	Black Walnut	<i>Juglans nigra</i>	10	G	G	G	2	Subject Property		Remove
33	Eastern Red Cedar (Juniper)	<i>Juniperus virginiana</i>	-15	G	G	G	2	Neighbouring		Preserve
34	Eastern Red Cedar (Juniper)	<i>Juniperus virginiana</i>	-20	G	G	G	2	Neighbouring	Union at 2 m	Preserve
35	Eastern Red Cedar (Juniper)	<i>Juniperus virginiana</i>	-14, 16	G	G	G	2	Neighbouring	Union at 1.5 m	Preserve
36	Eastern Red Cedar (Juniper)	<i>Juniperus virginiana</i>	-16	G	G	G	2	Neighbouring		Preserve
37	Apple species	<i>Malus sp.</i>	15	G	G	G	3	Subject Property		Remove
38	White Mulberry	<i>Morus alba</i>	87	F	FG	G	9	Subject Property	Union at 2 m, bacterial wetwood	Remove
39	Willow species	<i>Salix sp.</i>	30	P	P	P	3	Subject Property	70% crown dieback	Remove
40	Honey Locust cutivar	<i>Gleditsia triacanthos var. ternisii</i>	30	G	G	G	5	Subject Property		Remove
41	Norway Maple	<i>Acer platanoides</i>	14	FG	FG	FG	3	Subject Property	Stem wound at base of crown, 10% crown dieback	Remove
42	Red Maple	<i>Acer rubrum</i>	10	G	F	F	2	Subject Property	Union at 1.2 m, chlorotic	Remove
43	Eastern Redbud	<i>Cercis canadensis</i>	11, 13	FG	G	G	3	Subject Property		Remove
44	Copper Beech	<i>Fagus sylvatica</i>	17	G	G	G	3	Subject Property		Remove
45	American Beech	<i>Fagus grandifolia</i>	16	FG	G	G	3	Subject Property	Poor form	Remove
46	Copper Beech	<i>Fagus sylvatica</i>	13	P	FG	G	3	Subject Property	Heavy stem wound with fruiting bodies	Remove
47	Red Maple	<i>Acer rubrum</i>	13	FG	FG	F	2	Subject Property	Pruning wounds, chlorotic	Remove
48	Ph Oak	<i>Quercus palustris</i>	28	G	G	G	5	Subject Property		Remove
49	Eastern Redbud	<i>Cercis canadensis</i>	12, 10, 8	F	FG	G	3	Subject Property	Union at ground, stem wound with heavy crook	Remove
50	Little-leaf Linden	<i>Tilia cordata</i>	22	FG	G	G	3	Subject Property	Union at 1.6 m	Remove
51	White Elm	<i>Ulmus americana</i>	20, 17, 19	F	F	F	4	ROW	Union at ground, stem wound, 10% crown dieback	Preserve
52	Bur Oak	<i>Quercus macrocarpa</i>	33	G	G	G	9	Subject Property		Preserve
53	Bur Oak	<i>Quercus macrocarpa</i>	52	G	G	G	6	ROW	Union at 3 m	Preserve
54	Bur Oak	<i>Quercus macrocarpa</i>	57	G	G	G	8	ROW		Preserve
55	White Elm	<i>Ulmus americana</i>	46	G	G	G	8	Subject Property	Union at base of crown	Remove
56	Crab Apple species	<i>Malus sp.</i>	12	G	G	G	2	Subject Property	Epicormic branching	Remove
57	Blue Spruce	<i>Picea pungens</i>	33	G	G	G	2	Subject Property		Remove
58	White Birch	<i>Betula papyrifera</i>	9, 6, 10, 8	F	FG	G	3	Subject Property	Union at ground	Remove
59	Black Walnut	<i>Juglans nigra</i>	35	G	G	G	5	Boundary	Pruning wounds	Preserve
60	Hackberry	<i>Celtis occidentalis</i>	-20	G	G	G	4	ROW		Preserve
61	Black Walnut	<i>Juglans nigra</i>	21	G	G	G	4	Subject Property		Remove
62	Columnar Norway Maple	<i>Acer platanoides 'Columnare'</i>	22	G	G	G	2	ROW		Remove
63	Blue Spruce	<i>Picea pungens</i>	33	G	G	G	3	Subject Property		Remove
64	Manitoba Maple	<i>Acer negundo</i>	80	F	FF	FF	7	ROW	Union at 2 m, 30% crown dieback	Remove
65	Norway Maple	<i>Acer platanoides</i>	13	G	G	G	4	ROW		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 Drillline (m)
- G Good
- F Fair
- P Poor
- Estimate

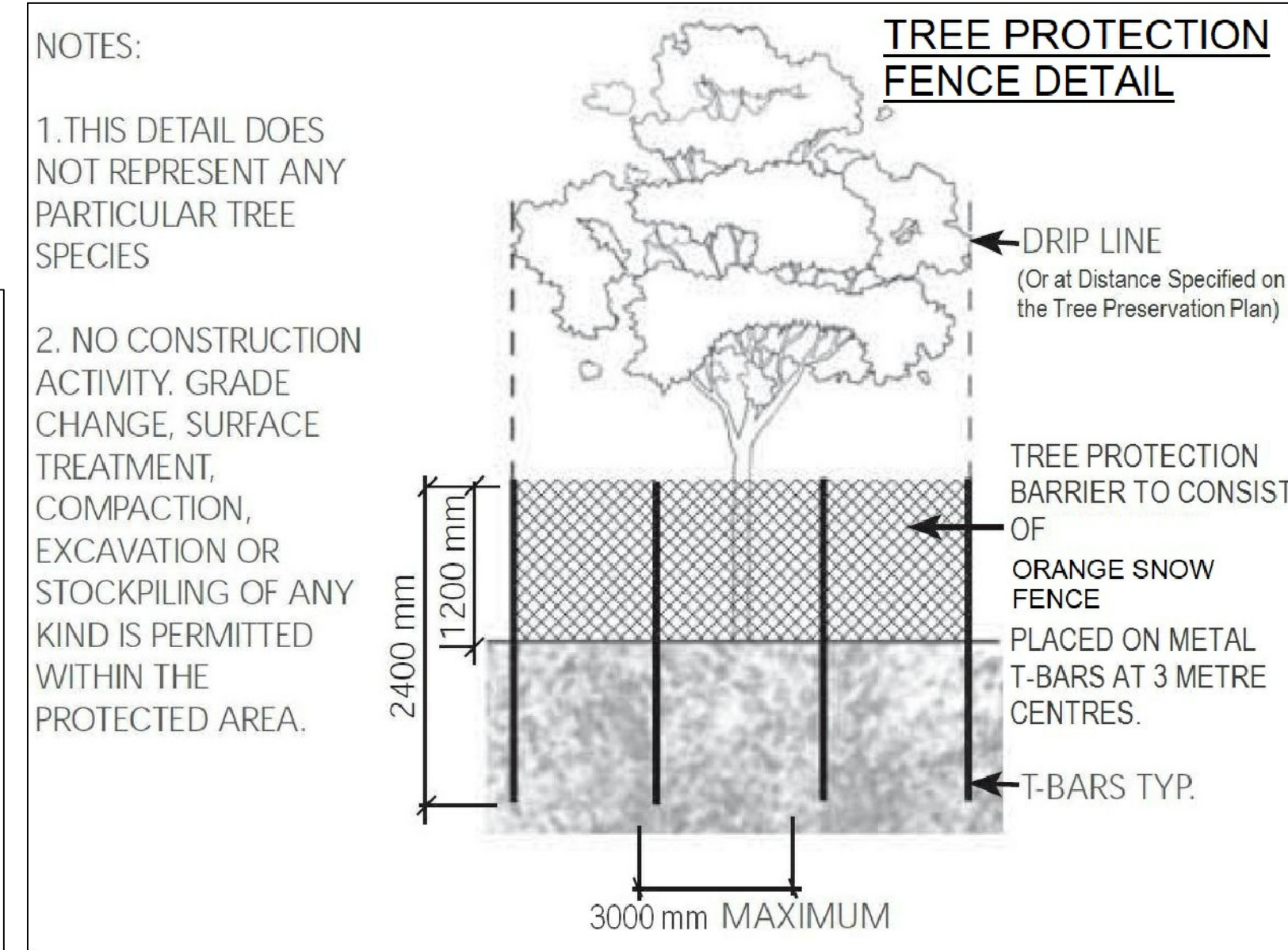
LEGEND

- GPS Tree Location
- Surveyed Deciduous Tree Location
- Surveyed Coniferous Tree Location
- 40 Tree Number Identified for Preservation (GREEN)
- 15 Tree Number Identified for Removal (RED)
- 18 Tree Has Previously Been Removed (Magenta)
- TPZ Tree Preservation Zone Symbol
- Drillline
- 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 drillline 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 this drawing 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.

NOTE:
 Encroachment within the driplines of Tree 59 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 fences.

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 Submission	16 Feb. 2024	JJJ

Data Source: Verhaegen Land Surveyors, Bldg AE

4170 & 4190 Sixth Concession Road Windsor, ON

Goodban Ecological Consulting Inc.
 879 Cabot Trail
 Milton, ON L9T 3W4

Tree Preservation Plan

JACKSON ARBORICULTURE INC.
 CONSULTING AND/OR ANALYSIS

118 Pleasant Ridge Road Bradford ON N3B 6R8 905-424-8483 jerry@jacksonarb.com

Project# P319 Sheet# 1

Date 16 February 2024

Scale 1:400 @ 24x36