



Legend

Area of Assessment
- Subject Property

Tree Assessment
- Tree Canopy
- Minimium Tree Protection Zone
- Critical Root Zone

Tree Management
- Tree to be Retained
- Tree to be Injured
- Tree to be Removed
- Tree Already Removed

Proposed Activities
- Floodplain Grading Area
- Limit of Grading Adjacent to Private Properties

Tree Protection Measures
- Tree Protection Barrier
- Root Sensitive Excavation Zone

GENERAL NOTES:
-Tree inventory completed by ISA-certified Arborist on various dates in 2025.
-The tree health and structural assessment was undertaken consistent with accepted arboricultural techniques. None of the assessed trees were cored, probed, or climbed, nor were their roots exposed for detailed assessment.
-Notwithstanding the determinations of tree health and structural integrity made herein (e.g., good, fair, poor), it must be recognized that all trees (in good health or otherwise) have the potential for failure given adverse weather, damage due to mechanical injury, or other factors that cause stress.
-Notwithstanding any recommendations concerning tree preservation or removal made herein, this plan does not supersede or expunge any civil or common law property rights as they pertain to shared/boundary trees or trees occurring on adjacent properties. This plan does not confirm tree ownership nor authorize the client to encroach or enter onto adjacent properties to destroy or injure trees situated on adjacent properties without the owner's consent.
-Verify all drawing dimensions.
-Numeric scale is for a 24x36 inch print. Do not scale.
-Contractor to report any discrepancies, errors, or omissions to the project Arborist before proceeding.

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Ash Baron
#ON-1821A

1:400 | 0 10 20 30 m

Location:
Millcroft Greens Phase 2
City of Burlington

Project No.: 25061
Date: 2025-12-19
By: RA **Checked:** AB
Orthophotograph Date: N/A

Figure TP-I
Area I Tree Protection Plan

TREE INVENTORY SPREADSHEET:

Tag No.	Species Latin Binomial	Species Common Name	DBH (cm)	MTPZ (m)	MCRZ (m)	Crown Radius (m)	Health	Structure	Notes	Ownership	Management Direction	Management Direction Notes	Area
365-I	Picea pungens	Blue Spruce	27	3	5	2	Good/Fair	Good	Insect damage on tk, 5 % tip dieback on lower crown	Millcroft	Remove	Remove - sidewalk	Area I
366-I	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good/Fair	Good/Fair	Topped, unbalanced shaded crown due to adjacent hedge, tip dieback,	Millcroft	Remove	Remove - site grading	Area I
367-I	Acer palmatum	Japanese Maple	11	2.4	4	2	Fair	Fair	Incl bark, pruning wound, in elevated planter, tk seam and heartwood rot	Millcroft	Remove	Remove - house demolition; road construction and grading	Area I
368-I	Magnolia sp.	Magnolia species	31	3	5	3	Good/Fair	Good/Fair	Incl bark, seam, epis on tk, pruning cut, codominant stems	Millcroft	Remove	Remove - house demolition; road construction and grading	Area I
369-I	Betula papyrifera	Paper Birch	26	3	5	2	Good	Good/Fair	Pruning cuts	Millcroft	Remove	Remove - road	Area I
370-I	Tilia cordata	Little-leaved Linden	34	3	5	2	Good	Good/Fair	Elevated crown with mower damage, epis from pruning cuts on tk	City	Retain	NULL	Area I
612	Picea glauca	White Spruce	23	3	5	2	Good/Fair	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
613	Pinus strobus	Eastern White Pine	34	3	5	3	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
614	Pinus strobus	Eastern White Pine	39	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
615	Fraxinus pennsylvanica	Red Ash	16	2.4	4	1.5	Good	Good/Fair	Sprouts from tk	Millcroft	Remove	Remove - Tree not a candidate for retention	Area I
616	Fraxinus pennsylvanica	Red Ash	14	2.4	4	1	Good	Good/Fair	Sprouts from tk	Millcroft	Remove	Remove - Tree not a candidate for retention	Area I
617	Pinus strobus	Eastern White Pine	30	3	5	3	Good	Good/Fair	Storm damage	Millcroft	Remove	Remove - lot grading	Area I
618	Acer saccharum	Sugar Maple	34	3	5	3	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
619	Pinus strobus	Eastern White Pine	38	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - road; lot grading	Area I
620	Acer platanoides	Norway Maple	26	3	5	1.5	Poor	Poor	Dying; 5% live crown; Peeling bark on tk	Millcroft	Remove	Remove - Tree not a candidate for retention	Area I
621	Fraxinus pennsylvanica	Red Ash	39	NULL	NULL	2.5	Good	Poor	Multiple stems from stump	Millcroft	Remove	Remove - Tree not a candidate for retention; grading for swale	Area I
622	Picea glauca	White Spruce	15	2.4	4	1	Good/Fair	Good	Sparse crown	Millcroft	Remove	Remove - lot grading and swale	Area I
623	Acer saccharum	Sugar Maple	24	3	5	3	Good	Good/Fair	Girdling roots; Exposed root crown	Millcroft	Remove	Remove - lot grading	Area I
624	Picea pungens	Blue Spruce	37	3	5	2.5	Good	Fair	15° lean south; Exposed root crown	Millcroft	Remove	Remove - lot grading	Area I
625	Fraxinus pennsylvanica	Red Ash	14	2.4	4	1.5	Good	Poor	Sprouting from stump	Millcroft	Remove	Remove - Tree not a candidate for retention	Area I
626	Picea pungens	Blue Spruce	18	2.4	4	2	Good	Fair	Double leaders; 10° lean west	Millcroft	Remove	Remove - lot grading	Area I
627	Pinus nigra	Austrian Pine	54	3.6	6	4	Good	Fair	Double leaders; Incl bark	Millcroft	Remove	Remove - lot grading	Area I
628	Pinus nigra	Austrian Pine	44	3	5	3.5	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
629	Pinus nigra	Austrian Pine	44	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
630	Acer x freemanii	Freeman's Maple	64	4.2	7	5	Good	Good/Fair	Codominant leaders; Mower damage	Millcroft	Remove	Remove - lot grading	Area I
631	Acer platanoides	Norway Maple	28	3	5	3.5	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
632	Acer x freemanii	Freeman's Maple	58	3.6	6	4	Good	Good/Fair	Codominant stems	Millcroft	Remove	Remove - lot grading	Area I
633	Acer x freemanii	Freeman's Maple	47	3	5	4.5	Good	Good/Fair	Codominant leaders	Millcroft	Remove	Remove - lot grading	Area I
634	Picea glauca	White Spruce	16	2.4	4	4	Good	Good/Fair	20° lean south	Millcroft	Injure	Retain with injury - site grading	Area I
635	Picea glauca	White Spruce	22	3	5	4	Good	Good	NULL	Millcroft	Remove	Root prune on west side prior to grubbing to mitigate impact to roots of tree no. 634	Area I
636	Picea glauca	White Spruce	22	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
637	Pinus nigra	Austrian Pine	33	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
638	Pinus nigra	Austrian Pine	45	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
639	Acer platanoides	Norway Maple	30	3	5	4	Good	Good/Fair	NULL	Millcroft	Remove	Remove - lot grading	Area I
640	Pinus nigra	Austrian Pine	45	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
641	Pinus nigra	Austrian Pine	35	3	5	3	Good	Good	NULL	Millcroft	Remove	Remove - road	Area I
642	Picea abies	Norway Spruce	40	3	5	4	Good	Good/Fair	Girdling roots	Millcroft	Remove	Remove - lot grading	Area I
643	Picea pungens	Blue Spruce	37	3	5	4	Good/Fair	Good	5% lower crown die back	Millcroft	Remove	Remove - road	Area I
644	Picea pungens	Blue Spruce	33	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - road	Area I
645	Picea pungens	Blue Spruce	31	3	5	3	Good	Poor	Hazard, lifted root plate; 35° lean toward residence	Millcroft	Remove	Remove - HAZARD: lean towards residential property	Area I
646	Picea pungens	Blue Spruce	34	3	5	3	Fair	Good/Fair	20% crown die back	Millcroft	Remove	Remove - lot grading	Area I
647	Pinus nigra	Austrian Pine	36	3	5	4	Good	Fair	Girdling root; 10° lean south	Millcroft	Remove	Remove - lot grading	Area I
648	Pinus nigra	Austrian Pine	28	3	5	3	Fair	Good/Fair	15 lower canopy die back	Millcroft	Remove	Remove - lot grading	Area I
649	Pinus nigra	Austrian Pine	35	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area I
650	Pinus nigra	Austrian Pine	57	3.6	6	5	Good	Good/Fair	Codominant leaders; Girdling root	Millcroft	Remove	Remove - lot grading	Area I
679	Acer x freemanii	Freeman's Maple	48	3	5	5	Good	Good	NULL	Millcroft	Remove	Remove - road	Area I
680	Picea pungens	Blue Spruce	31	3	5	2	Good/Fair	Good	Insect damage_x000D_ Dom leader die off	Millcroft	Remove	Remove - lot grading	Area I
681	Acer x freemanii	Freeman's Maple	42	3	5	3	Good	Good/Fair	Codominant leaders	Millcroft	Remove	Remove - road	Area I
682	Picea pungens	Blue Spruce	34	3	5	1.5	Good	Good	NULL	Millcroft	Remove	Remove - road; sidewalk	Area I
683	Acer x freemanii	Freeman's Maple	50	3	5	5	Fair	Fair	Epis from base, tk, & branches; 10% canopy die back	Millcroft	Remove	Remove - lot gading	Area I
684	Fraxinus pennsylvanica	Red Ash	14	2.4	4	2.5	Good	Fair	Multiple stems from stump	Millcroft	Remove	Remove - Tree not a candidate for retention	Area I
693	Acer x freemanii	Freeman's Maple	13	2.4	4	1	Good	Fair	Codominant stems	Millcroft	Remove	Remove - road	Area I
694	Acer x freemanii	Freeman's Maple	10	1.8	1.8	0.5	Good	Good	NULL	Millcroft	Remove	Remove - road	Area I
695	Picea pungens	Blue Spruce	18	2.4	4	0.5	Fair/Poor	Fair	20%. Canopy die back	Millcroft	Remove	Remove - road	Area I
696	Pinus nigra	Austrian Pine	32	3	5	2	Fair	Fair	Leader cracked off	Millcroft	Remove	NULL	Area I
697	Picea pungens	Blue Spruce	44	3	5	3	Good/Fair	Good	Lower canopy die back	Millcroft	Remove	NULL	Area I
698	Pinus nigra	Austrian Pine	38	3	5	3	Fair	Fair	Blight; Multiple leaders	Millcroft	Remove	NULL	Area I
699	Pinus nigra	Austrian Pine	27	3	5	1.5	Fair	Fair	Blight; Exposed root crown	Millcroft	Remove	NULL	Area I
11	Picea pungens	Blue Spruce	45	3	5	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
110	Pinus nigra	Austrian Pine	30	3	5	3.5	Fair	Good/Fair	Blight	Private	Retain	Retain - On adjacent private property	Area I
111	Fraxinus pennsylvanica	Red Ash	13	2.4	4	1.5	Good	Fair	In millcroft greens property, growing v close to fence	Private	Retain	Retain - On adjacent private property	Area I
112	Juniperus sp.	Juniper species	14	2.4	4	1	Good/Fair	Good	Minor crown die back	Private	Retain	Retain - On adjacent private property	Area I
113	Thuja occidentalis	Eastern White Cedar	11	2.4	4	0.5	Good	Good	Hedge start	Private	Retain	Retain - On adjacent private property	Area I
114	Acer palmatum	Japanese Maple	5	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
115	Thuja occidentalis	Eastern White Cedar	10	1.8	1.8	0.5	Good	Good	Hedge start	Private	Retain	Retain - On adjacent private property	Area I
116	Picea pungens	Blue Spruce	26	3	5	1.5	Good/Fair	Good/Fair	Minor crown dieback	Private	Retain	Retain - On adjacent private property	Area I
117	Acer ginnala	Amur Maple	16	2.4	4	2	Good	Fair	Included bark	Private	Retain	Retain - On adjacent private property	Area I
118	Picea sp.	Spruce species	20	2.4	4	1	Dead	Fair	NULL	Private	Retain	Retain - On adjacent private property	Area I
119	Picea pungens	Blue Spruce	27	3	5	2	Good/Fair	Good/Fair	NULL	Private	Retain	Retain - On adjacent private property	Area I
12	Picea pungens	Blue Spruce	47	3	5	2.5	Good/Fair	Good/Fair	Lower canopy shaded	Private	Retain	Retain - On adjacent private property	Area I
120	Acer x freemanii	Freeman's Maple	50	3	5	5	Good	Good/Fair	Multiple leaders	Private	Retain	Retain - On adjacent private property	Area I
121	Thuja occidentalis	Eastern White Cedar	17	2.4	4	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
122	Thuja occidentalis	Eastern White Cedar	11	2.4	4	0.5	Good	Good	Hedge start	Private	Retain	Retain - On adjacent private property	Area I
123	Magnolia sp.	Magnolia species	24	3	5	2.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
124	Pyrus calleryana	Callery Pear	25	3	5	3	Good/Fair	Good/Fair	NULL	Private	Retain	Retain - On adjacent private property	Area I
125	Pyrus calleryana	Callery Pear	25	3	5	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
126	Picea glauca	White Spruce	17	2.4	4	1	Good	Good/Fair	In raised bed	Private	Retain	Retain - On adjacent private property	Area I
127	Cercis canadensis	Eastern Redbud	34	3	5	3	Good	Good	In high raised bed	Private	Retain	Retain - On adjacent private property	Area I
128	Picea mariana	Black Spruce	15	2.4	4	1	Good	Good	In raised bed	Private	Retain	Retain - On adjacent private property	Area I
129	Picea mariana	Black Spruce	15	2.4	4	1	Good	Good	In raised bed	Private	Retain	Retain - On adjacent private property	Area I
13	Picea pungens	Blue Spruce	36	3	5	2	Good	Good	NULL	Private	Injure	Injure - lot grading	Area I
130	Picea pungens	Blue Spruce	45	3	5	2.5	Good	Fair	Lower branches pruned	Private	Retain	Retain - On adjacent private property	Area I
131	Picea mariana	Black Spruce	15	2.4	4	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
132	Thuja occidentalis	Eastern White Cedar	10	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
133	Thuja occidentalis	Eastern White Cedar	10	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
134	Picea pungens	Blue Spruce	15	2.4	4	0.5	Poor	Poor	Shaded crown	Millcroft	Remove	Remove - grading assoc. with entrance road	Area I
135	Picea pungens	Blue Spruce	40	3	5	2.5	Good	Good	NULL	Millcroft	Remove	Remove - grading assoc. with entrance road	Area I
136	Picea pungens	Blue Spruce	30	3	5	2	Good	Good	NULL	Millcroft	Remove	Remove - sidewalk	Area I
137a	Thuja occidentalis	Eastern White Cedar	10	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
137b	Picea pungens	Blue Spruce	32	3	5	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
138	Thuja occidentalis	Eastern White Cedar	7	1.8	1.8	0.25	Good	Good	Hedge start	Private	Retain	Retain - On adjacent private property	Area I
139	Acer platanoides	Norway Maple	30	3	5	3	Fair	Good/Fair	Shaded, lower canopy dieback	Private	Retain	Retain - On adjacent private property	Area I
14	Picea pungens	Blue Spruce	24	3	5	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
140	Acer platanoides	Norway Maple	35	3	5	3	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
141	Thuja occidentalis	Eastern White Cedar	8	1.8	1.8	0.25	Good	Good	Hedge start	Private	Retain	Retain - On adjacent private property	Area I
142	Picea glauca 'Conica'	Dwarf Alberta spruce	11	2.4	4	0.5	Fair/Poor	Fair/Poor	Growing under mulberry canopy, very shaded	Private	Retain	Retain - On adjacent private property	Area I

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Location:
Millcroft Greens Phase 2
City of Burlington

Project No.: 25061
Figure TP-I-T-1.
Date: 2025-12-19
Area I Tree Inventory Table
By: RA **Checked:** AB
Orthophotograph Date: N/A

TREE INVENTORY SPREADSHEET:

Tag No.	Species Latin Binomial	Species Common Name	DBH (cm)	MTPZ (m)	MCRZ (m)	Crown Radius (m)	Health	Structure	Notes	Ownership	Management Direction	Management Direction Notes	Area
I43	Morus alba	White Mulberry	15	2.4	4	1.25	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I44	Picea pungens	Blue Spruce	10	1.8	1.8	0.5	Good	Good	Dwarf standard	Private	Retain	Retain - On adjacent private property	Area I
I45	Acer platanoides	Norway Maple	36	3	5	5	Good	Good/Fair	Multiple leaders	Private	Retain	Retain - On adjacent private property	Area I
I46	Betula nigra	River Birch	14	2.4	4	1.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I47	Juniperus sp.	Juniper species	10	1.8	1.8	1.5	Good	Fair	Shrubby	Private	Retain	Retain - On adjacent private property	Area I
I48	Acer x freemanii	Freeman's Maple	35	3	5	4	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I49	Acer x freemanii	Freeman's Maple	4	1.8	1.8	1	Good	Poor	Growing through fence	Private	Retain	Retain - On adjacent private property	Area I
I5	Acer rubrum	Red Maple	14	2.4	4	1.5	Fair/Poor	Good	Chlorotic	Private	Retain	Retain - On adjacent private property	Area I
I50	Fraxinus excelsior	European Ash	20	2.4	4	1.5	Good	Fair	Multiple stems	Private	Retain	Retain - On adjacent private property	Area I
I51	Gleditsia triacanthos var. inermis	Thornless Honeylocust	25	3	5	3	Fair	Good	Sparse crown, 60 % live crown	Private	Retain	Retain - On adjacent private property	Area I
I52	Picea pungens	Blue Spruce	30	3	5	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I53	Betula nigra	River Birch	29	3	5	3.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I54	Thuja occidentalis	Eastern White Cedar	20	2.4	4	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I55	Thuja occidentalis	Eastern White Cedar	17	2.4	4	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I56	Thuja occidentalis	Eastern White Cedar	13	2.4	4	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I57	Thuja occidentalis	Eastern White Cedar	13	2.4	4	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I58	Thuja occidentalis	Eastern White Cedar	15	2.4	4	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I59	Malus pumila	Common Apple	26	3	5	3	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I6	Acer x freemanii	Freeman's Maple	25	3	5	2.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I60	Picea pungens	Blue Spruce	40	3	5	3	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I61	Malus pumila	Common Apple	25	3	5	2.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I62	Acer platanoides	Norway Maple	55	3.6	6	5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I63	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good/Fair	Good/Fair	Hedge start, shaded unbalanced crown, topped; 14 stems @ 5 cm DBH	Private	Retain	Retain - On adjacent private property	Area I
I64	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Fair	Fair	Hedge start, topped, lower crown dieback due to shading of adjacent hedge, one stem growing fence	Millcroft	Remove	Remove - grading assoc with sidewalk; prune roots along protery line before grubbing to protect adjacent private cedar hedge	Area I
I65	Acer palmatum	Japanese Maple	5	1.8	1.8	1.5	Good	Good/Fair	Multiple stems, view obscured by wood fence	Private	Retain	Retain - On adjacent private property	Area I
I66	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good	Good/Fair	Unbalanced crown because close to house	Private	Retain	Retain - On adjacent private property	Area I
I67	Cercidophyllum japonicum	Katsura Tree	41	3	5	5	Good/Fair	Fair	Multiple leaders, minor epi shoots on stem	Private	Retain	Retain - On adjacent private property	Area I
I7	Acer x freemanii	Freeman's Maple	5	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I
I8	Acer rubrum	Red Maple	15	2.4	4	2.5	Fair	Good	Chlorotic	Private	Retain	Retain - On adjacent private property	Area I
I9	Ginkgo biloba	Ginkgo	10	1.8	1.8	1.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area I

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0 5 10 15 20 m

Location:
Millcroft Greens Phase 2
City of Burlington

Project No.: 25061
Date: 2025-12-19
By: RA **Checked:** AB
Orthophotograph Date: N/A

Figure TP-I-T-2

Area I Tree Inventory Table