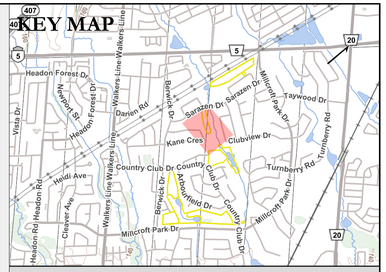


KEY MAP



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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Specialists in Natural Heritage, Tree Protection, and Environmental Policy

Ash Baron
#ON-1821A

N

1:500

0 10 20 30 40 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-K

Area K 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
1029	Quercus bicolor	Swamp White Oak	4	1.8	1.8	0.5	Good	Good	Cracks on tk bark	City	Remove	Remove to accommodate entrance road to Area K. Public tree permit required.	Area K
1030	Quercus bicolor	Swamp White Oak	4	1.8	1.8	0.5	Good	Good	NULL	City	Remove	Remove to accommodate entrance road to Area K. Public tree permit required.	Area K
1031	Gleditsia triacanthos var. inermis	Thornless Honeylocust	20	2.4	4	5	Good	Good	Healing cuts.	City	Remove	Remove to accommodate entrance road to Area K. Public tree permit required.	Area K
1032	Acer saccharum	Sugar Maple	15	2.4	4	3	Good/Fair	Good/Fair	Mower damage to base	City	Retain	Retain	Area K
1033	Quercus bicolor	Swamp White Oak	5	1.8	1.8	0.5	Good/Fair	Good/Fair	TK bark Cracks	City	Retain	Retain	Area K
1034	Picea glauca	White Spruce	31	3	5	5	Good/Fair	Good/Fair	Tk bark Cracks, unhealed cuts	Millcroft	Remove	Remove - grading assoc. with flood plain	Area K
1035	Acer saccharinum	Silver Maple	56	3.6	6	6	Good	Good	NULL	Millcroft	Remove	Remove - grading assoc. with flood plain	Area K
1036	Pinus strobus	Eastern White Pine	44	3	5	5	Good	Good	NULL	Millcroft	Remove	Remove - grading assoc. with flood plain	Area K
1037	Pinus nigra	Austrian Pine	46	3	5	6	Good/Fair	Good/Fair	Slight crown dieback	Millcroft	Remove	Remove - sidewalk	Area K
1038	Pinus nigra	Austrian Pine	40	3	5	5	Good/Fair	Good/Fair	NULL	Millcroft	Remove	Remove - lot grading	Area K
1039	Tilia cordata	Little-leaved Linden	31	3	5	4	Fair	Fair	Codominant stem, girdling roots	Millcroft	Remove	Remove - lot grading	Area K
1040	Tilia cordata	Little-leaved Linden	31	3	5	4	Good/Fair	Good/Fair	Epicormic shoots	Millcroft	Remove	Remove - lot grading	Area K
1041	Tilia cordata	Little-leaved Linden	12	2.4	4	2	Good/Fair	Good/Fair	Leaf miner, slight crown dieback	Millcroft	Remove	Remove - lot grading	Area K
1042	Picea glauca	White Spruce	22	3	5	2	Fair	Fair	Lean, unhealed flush cuts.	Millcroft	Remove	Remove - lot grading	Area K
1043	Picea glauca	White Spruce	15	2.4	4	3	Fair	Fair	Flush pruning cuts, damage from mower	Millcroft	Remove	Remove - lot grading	Area K
1044	Picea pungens	Blue Spruce	26	3	5	1	Fair	Fair	Lean, exposed roots	Millcroft	Remove	Remove - lot grading	Area K
1045	Acer saccharinum	Silver Maple	28	3	5	4	Good/Fair	Good/Fair	Mower damage to roots	Millcroft	Remove	Remove - lot grading	Area K
1046	Picea pungens	Blue Spruce	34	3	5	4	Fair	Fair	Wounds on trunk, lifting roots	Millcroft	Remove	Remove - lot grading	Area K
1047	Populus x sp.	Hybrid Poplar	28	3	5	2	Good/Fair	Good/Fair	NULL	Millcroft	Remove	Remove - lot grading	Area K
1048	Platanus x acerifolia	London Plane Tree	46	3	5	6	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area K
1049	Picea pungens	Blue Spruce	41	3	5	2	Good/Fair	Good/Fair	Epicormic shoots	Millcroft	Remove	Remove - lot grading	Area K
1050	Acer platanoides	Norway Maple	14	2.4	4	2	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area K
1051	Picea pungens	Blue Spruce	17	2.4	4	2	Good/Fair	Good/Fair	Wound at base	Millcroft	Remove	Remove - lot grading	Area K
1052	Picea glauca	White Spruce	17	2.4	4	1	Good/Fair	Good/Fair	Wounds to trunk	Millcroft	Remove	Remove - lot grading	Area K
1053	Acer saccharinum	Silver Maple	17	2.4	4	2	Good/Fair	Good/Fair	Wound at base	Millcroft	Remove	Remove - lot grading	Area K
1054	Populus x sp.	Hybrid Poplar	40	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area K
1055	Picea pungens	Blue Spruce	29	3	5	3	Good/Fair	Good/Fair	Flush cuts	Millcroft	Remove	Remove - lot grading	Area K
1056	Acer saccharinum	Silver Maple	29	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area K
1057	Acer platanoides	Norway Maple	38	3	5	4	Fair	Fair	Dead scaffold branch, girdling roots.	Millcroft	Remove	Remove - lot grading	Area K
1058	Acer platanoides	Norway Maple	16	2.4	4	3	Good/Fair	Good/Fair	Wound at base from mower	Millcroft	Remove	Remove - lot grading	Area K
1059	Acer platanoides	Norway Maple	17	2.4	4	3	Good	Good	NULL	Millcroft	Remove	Remove - lot grading	Area K
1060	Picea pungens	Blue Spruce	14	2.4	4	2	Fair	Fair	Stunted, lean	Millcroft	Remove	Remove - lot grading	Area K
1061	Picea pungens	Blue Spruce	17	2.4	4	3	Fair	Fair	Flush cuts on trunk	Millcroft	Remove	Remove - lot grading	Area K
1062	Acer platanoides	Norway Maple	24	3	5	5	Good/Fair	Good/Fair	Wound at base	Millcroft	Remove	Remove - lot grading	Area K
1063	Acer platanoides	Norway Maple	21	3	5	3	Fair	Fair	Wound on trunk and base.	Millcroft	Remove	Remove - lot grading	Area K
1064	Acer saccharinum	Silver Maple	14	2.4	4	2	Fair/Poor	Fair/Poor	Large vertical wound to trunk	Millcroft	Remove	Remove - lot grading	Area K
1065	Acer saccharinum	Silver Maple	45	3	5	6	Fair	Fair	Moderate crown dieback	Millcroft	Remove	Remove - lot grading	Area K
1066	Fraxinus excelsior	European Ash	13	2.4	4	1	Fair/Poor	Fair/Poor	Shoot from cut trunk	Millcroft	Remove	Remove - Tree not a candidate for retention	Area K
1067	Fraxinus excelsior	European Ash	14	2.4	4	2	Fair/Poor	Fair/Poor	Sprouting from cut base	Millcroft	Remove	Remove - Tree not a candidate for retention	Area K
1068	Fraxinus excelsior	European Ash	19	2.4	4	2	Fair/Poor	Fair/Poor	Sprouts from cut trunk	Millcroft	Remove	Remove - Tree not a candidate for retention	Area K
1069	Acer platanoides	Norway Maple	17	2.4	4	3	Fair	Fair	Codominant stems, growing through fence	Shared Private	Retain	Retain	Area K
1070	Acer platanoides	Norway Maple	14	2.4	4	3	Good/Fair	Good/Fair	Growing through fence	Shared Private	Retain	Retain	Area K
1071	Acer saccharinum	Silver Maple	14	2.4	4	1	Poor	Poor	Large wound girdling trunk	Millcroft	Remove	Remove - Tree not a candidate for retention	Area K
1072	Acer platanoides	Norway Maple	41	3	5	5	Good/Fair	Good/Fair	Slight crown dieback, root wounds from mower.	Millcroft	Remove	Remove - lot grading	Area K
1073	Acer saccharinum	Silver Maple	14	2.4	4	2	Good/Fair	Good/Fair	Slight crown dieback	Millcroft	Remove	Remove - lot grading	Area K
1074	Platanus x acerifolia	London Plane Tree	37	3	5	8	Good	Good	NULL	Millcroft	Remove	Remove - road and assoc. grading	Area K
1075	Picea glauca	White Spruce	27	3	5	4	Fair	Fair	Flush cuts, girdling roots	Millcroft	Remove	Remove - lot grading	Area K
1076	Pinus nigra	Austrian Pine	47	3	5	6	Fair	Fair	Codominant stems, girdling root	Millcroft	Remove	Remove - lot grading	Area K
1077	Populus x sp.	Hybrid Poplar	21	3	5	3	Good/Fair	Good/Fair	Root wound	Millcroft	Remove	Remove - lot grading	Area K
1078	Picea glauca	White Spruce	18	2.4	4	2	Good/Fair	Good/Fair	Flush cuts	Millcroft	Remove	Remove - lot grading	Area K
1079	Acer saccharinum	Silver Maple	32	3	5	4	Good/Fair	Good/Fair	Slight crown dieback	Millcroft	Remove	Remove - lot grading	Area K
1080	Fraxinus excelsior	European Ash	21	3	5	3	Fair/Poor	Fair/Poor	Sprouting from cut base	Millcroft	Remove	Remove - Tree not a candidate for retention	Area K
1081	Picea glauca	White Spruce	23	3	5	3	Fair	Fair	Wound to trunk and root.	Millcroft	Remove	Remove - lot grading	Area K
1082	Acer saccharinum	Silver Maple	30	3	5	5	Good/Fair	Good/Fair	Trunk wound	Millcroft	Remove	Remove - lot grading	Area K
1083	Picea pungens	Blue Spruce	30	3	5	3	Fair	Fair	Split stem	Millcroft	Remove	Remove - road and assoc. grading	Area K
1084	Picea pungens	Blue Spruce	37	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - road and assoc. grading	Area K
1085	Acer saccharinum	Silver Maple	29	3	5	4	Good	Good	NULL	Millcroft	Remove	Remove - road and assoc. grading	Area K
1086	Populus x sp.	Hybrid Poplar	21	3	5	2	Good	Good	NULL	Millcroft	Remove	Remove - grading assoc. with road	Area K
1087	Fraxinus excelsior	European Ash	8	1.8	1.8	2	Fair/Poor	Fair/Poor	Cut stem	Millcroft	Remove	Remove - Tree not a candidate for retention	Area K
1088	Picea glauca	White Spruce	17	2.4	4	3	Good/Fair	Good/Fair	Flush cuts	Millcroft	Remove	Remove - road and assoc. grading	Area K
1089	Fraxinus excelsior	European Ash	19	2.4	4	2	Poor	Poor	Growing from cut base, EAB	Millcroft	Remove	Remove - Tree not a candidate for retention	Area K
1090	Acer saccharinum	Silver Maple	10	1.8	1.8	1	Poor	Poor	Large wound to trunk	Millcroft	Remove	Remove - Tree not a candidate for retention	Area K
1091	Acer saccharinum	Silver Maple	9	1.8	1.8	2	Fair	Fair	Wound at base from mower	Millcroft	Retain	Retain	Area K
1092	Populus x sp.	Hybrid Poplar	17	2.4	4	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1093	Salix x fragilis	Crack Willow	34	3	5	6	Good/Fair	Good/Fair	Root wounds from mower	Millcroft	Retain	Retain	Area K
1094	Populus x sp.	Hybrid Poplar	19	2.4	4	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1095	Populus x sp.	Hybrid Poplar	17	2.4	4	2	Good/Fair	Good/Fair	Slight crown dieback	Millcroft	Remove	Remove - grading assoc. with flood plain	Area K
1096	Populus x sp.	Hybrid Poplar	16	2.4	4	2	Good	Good	NULL	Millcroft	Remove	Remove - grading assoc. with flood plain	Area K
1097	Acer saccharinum	Silver Maple	35	3	5	6	Good/Fair	Good/Fair	Slight crown dieback, wounds to roots from mower	Millcroft	Retain	Retain	Area K
1098	Populus x sp.	Hybrid Poplar	22	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1099	Populus x sp.	Hybrid Poplar	32	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1100	Populus x sp.	Hybrid Poplar	24	3	5	2	Fair	Fair	Mower wounds to roots, crown dieback	Millcroft	Remove	Remove - grading assoc. with flood plain	Area K
1101	Picea glauca	White Spruce	18	2.4	4	3	Good/Fair	Good/Fair	Flush cuts	Millcroft	Remove	Remove - grading assoc. with flood plain	Area K
1102	Platanus x acerifolia	London Plane Tree	24	3	5	6	Good	Good	NULL	Millcroft	Remove	Remove - grading assoc. with flood plain	Area K
1103	Picea glauca	White Spruce	10	1.8	1.8	2	Good/Fair	Good/Fair	Lean	Millcroft	Remove	Remove - grading assoc. with flood plain	Area K
1104	Picea pungens	Blue Spruce	19	2.4	4	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1105	Populus x sp.	Hybrid Poplar	31	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1106	Picea pungens	Blue Spruce	28	3	5	5	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1107	Picea pungens	Blue Spruce	21	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1108	Picea pungens	Blue Spruce	24	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1109	Picea pungens	Blue Spruce	28	3	5	4	Fair	Fair	Codominant stems.	Millcroft	Retain	Retain	Area K
111	Tilia cordata	Little-leaved Linden	59	3.6	6	4	Good	Fair	Co-dominant leaders; Incl bark	Millcroft	Retain	Retain	Area K
1110	Picea glauca	White Spruce	23	3	5	4	Good	Good	NULL	Millcroft	Injure	Retain with injury - Grading	Area K
1111	Acer platanoides	Norway Maple	18	2.4	4	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1112	Acer saccharum	Sugar Maple	32	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1113	Pinus strobus	Eastern White Pine	24	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1114	Pinus strobus	Eastern White Pine	31	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1115	Populus x sp.	Hybrid Poplar	24	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1116	Populus x sp.	Hybrid Poplar	32	3	5	5	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1117	Populus x sp.	Hybrid Poplar	28	3	5	3	Good/Fair	Good/Fair	Root wound from mower	Millcroft	Retain	Retain	Area K
1118	Picea glauca	White Spruce	27	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1119	Picea pungens	Blue Spruce	27	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
112	Salix euxina	Crack Willow	38	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1120	Picea glauca	White Spruce	29	3	5	4	Fair	Fair	Codominant stems	Millcroft	Retain	Retain	Area K
1121	Acer saccharinum	Silver Maple	17	2.4	4	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1122	Pinus nigra	Austrian Pine	44	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K

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Specialists in Natural Heritage, Tree Protection, and Environmental Policy

N

Ash Baron
#ON-1821A

1:1 | 0 5 10 15 20 m

Location:
Millcroft Greens Phase 2
City of Burlington

Project No.: 25061
Figure TP-K-T-1.

Date: 2025-12-19

By: RA **Checked:** AB

Orthophotograph Date: N/A

Area K Tree Inventory Table

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
1123	Malus baccata	Siberian Crabapple	12	2.4	4	3	Fair	Fair	Epicormic shoots	Millcroft	Retain	Retain	Area K
1124	Pyrus calleryana	Callery Pear	12	2.4	4	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1125	Picea glauca	White Spruce	23	3	5	4	Good/Fair	Good/Fair	Slight crown dieback	Millcroft	Retain	Retain	Area K
1126	Pinus nigra	Austrian Pine	36	3	5	5	Good/Fair	Good/Fair	Original leader dead	Millcroft	Retain	Retain	Area K
1127	Malus baccata	Siberian Crabapple	15	2.4	4	3	Good/Fair	Good/Fair	Epicormic shoots	Millcroft	Retain	Retain	Area K
1128	Pyrus calleryana	Callery Pear	14	2.4	4	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
1129	Malus baccata	Siberian Crabapple	12	2.4	4	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
113	Fraxinus pennsylvanica	Red Ash	15	2.4	4	0.25	Dead	Fair	EAB; Vitus riparia in canopy	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K
1130	Malus baccata	Siberian Crabapple	9	1.8	1.8	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
114	Pyrus calleryana	Callery Pear	20	2.4	4	2	Good	Good	Vitus riparia in canopy	Millcroft	Retain	Retain	Area K
115	Salix euxina	Crack Willow	82	5.4	9	5	Good	Fair	Epis on trunk, Lower crown die back due to shading	Millcroft	Retain	Retain	Area K
116	Alnus glutinosa	European Black Alder	12	2.4	4	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
117	Fraxinus pennsylvanica	Red Ash	17	2.4	4	1.5	Good	Good	NULL	Millcroft	Retain	Retain - Tree in riparian area	Area K
118	Tilia cordata	Little-leaved Linden	52	3.6	6	4	Good	Good/Fair	Co-dominant stems	Millcroft	Retain	Retain	Area K
119	Pinus strobus	Eastern White Pine	52	3.6	6	4	Good	Fair/Poor	Co-dominant stems	Millcroft	Retain	Retain	Area K
120	Fraxinus pennsylvanica	Red Ash	12	2.4	4	1	Fair	Poor	EAB	Millcroft	Retain	Retain - Tree in riparian area	Area K
121	Pinus nigra	Austrian Pine	42	3	5	4	Fair	Fair	Crown die back 30%; Co- dominant leaders x 3	Millcroft	Retain	Retain	Area K
122	Pinus nigra	Austrian Pine	43	3	5	2.5	Fair	Fair	Co- dominant leaders x3; Crown die back 30% due to shading	Millcroft	Retain	Retain	Area K
123	Acer platanoides	Norway Maple	34	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
124	Pinus nigra	Austrian Pine	51	3.6	6	4	Good	Poor	Co-dominant leaders x3	Millcroft	Retain	Retain	Area K
125	Pinus nigra	Austrian Pine	48	3	5	3	Good/Fair	Fair	Crown die back. 30%	Millcroft	Retain	Retain	Area K
126	Morus alba	White Mulberry	16	2.4	4	2.5	Good	Good	NULL	Millcroft	Retain	Retain	Area K
127	Picea glauca	White Spruce	28	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
128	Picea abies	Norway Spruce	50	3	5	6	Good	Good	NULL	Millcroft	Retain	Retain	Area K
129	Picea abies	Norway Spruce	51	3.6	6	5	Good	Good	NULL	Millcroft	Retain	Retain	Area K
130	Salix euxina	Crack Willow	47	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
131	Quercus macrocarpa	Bur Oak	14	2.4	4	2	Fair	Good	Shaded crown	Millcroft	Retain	Retain	Area K
132	Salix euxina	Crack Willow	25	3	5	3	Good	Poor	Extreme lean: stem on ground	Millcroft	Retain	Retain - Tree in riparian area	Area K
133	Salix amygdaloides	Peach-leaved Willow	20	2.4	4	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
134	Salix amygdaloides	Peach-leaved Willow	16	2.4	4	2	Good/Fair	Good	Two stems growing from within creek channel	Millcroft	Retain	Retain	Area K
135	Salix euxina	Crack Willow	31	3	5	2	Fair	Poor	Both leaders broken	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K
136	Salix euxina	Crack Willow	29	3	5	3	Good	Fair	25° lean to the north; Stem in creek	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K
137	Salix euxina	Crack Willow	50	3	5	2.5	Good	Good/Fair	NULL	Millcroft	Retain	Retain	Area K
138	Salix euxina	Crack Willow	13	2.4	4	2	Poor	Poor	Re-sprout 20% live canopy	Millcroft	Retain	Retain - Tree in riparian area	Area K
139	Salix euxina	Crack Willow	22	3	5	1.5	Good	Good	NULL	Millcroft	Retain	Retain	Area K
140	Salix euxina	Crack Willow	38	3	5	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
141	Salix euxina	Crack Willow	22	3	5	1	Good	Good	NULL	Millcroft	Retain	Retain	Area K
142	Salix euxina	Crack Willow	73	4.8	8	4	Good	Good/Fair	Co-dominant stems	Millcroft	Retain	Retain	Area K
143	Salix euxina	Crack Willow	19	2.4	4	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
144	Salix euxina	Crack Willow	62	4.2	7	4	Good	Fair/Poor	Co-dominant stems	Millcroft	Retain	Retain	Area K
145	Acer negundo	Manitoba Maple	36	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
146	Acer negundo	Manitoba Maple	16	2.4	4	1	Good	Fair	Co-dominant stem	Millcroft	Retain	Retain	Area K
147	Acer negundo	Manitoba Maple	44	3	5	4	Good	Fair	15% lean south	Millcroft	Retain	Retain	Area K
148	Salix euxina	Crack Willow	93	5.4	9	2	Good	Poor	All leaders topped	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K
152	Picea glauca	White Spruce	29	3	5	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
153	Picea glauca	White Spruce	48	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
154	Picea glauca	White Spruce	32	3	5	2.5	Good	Fair/Poor	10% lean east.Lifted exposed root plate	Millcroft	Retain	Retain	Area K
155	Pinus strobus	Eastern White Pine	31	3	5	2	Good	Good/Fair	Frost crack at 3 metres	Millcroft	Retain	Retain	Area K
156	Pinus strobus	Eastern White Pine	27	3	5	2	Good	Good/Fair	Crown suppression	Millcroft	Retain	Retain	Area K
157	Pinus strobus	Eastern White Pine	32	3	5	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
158	Pinus nigra	Austrian Pine	45	3	5	3	Good	Fair	6 codominant leaders	Millcroft	Retain	Retain	Area K
159	Pinus strobus	Eastern White Pine	30	3	5	1.5	Good	Good	NULL	Millcroft	Retain	Retain	Area K
160	Picea glauca	White Spruce	30	3	5	2	Good	Good	Improper pruning, sap visible	Millcroft	Retain	Retain	Area K
161	Pinus nigra	Austrian Pine	26	3	5	1.5	Fair/Poor	Good	Sparse crown	Millcroft	Retain	Retain	Area K
162	Acer platanoides	Norway Maple	16	2.4	4	1.5	Good	Good	NULL	Millcroft	Retain	Retain	Area K
163	Acer saccharum	Sugar Maple	33	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
164	Acer platanoides	Norway Maple	18	2.4	4	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
165	Picea glauca	White Spruce	28	3	5	2	Good	Good/Fair	Insect damage tk; Co-dominant stems	Millcroft	Retain	Retain	Area K
166	Picea glauca	White Spruce	18	2.4	4	1	Good	Fair	10% lean east	Millcroft	Injure	Injure due to grading	Area K
167	Picea pungens	Blue Spruce	23	3	5	1	Good	Poor	Lifted root crown 50% lean south	Millcroft	Retain	Retain in riparian area	Area K
168	Salix euxina	Crack Willow	46	3	5	6	Good	Good	NULL	Millcroft	Retain	Retain	Area K
169	Salix euxina	Crack Willow	50	3	5	4	Good	Good	NULL	Millcroft	Retain	Retain	Area K
170	Acer x freemanii	Freeman's Maple	14	2.4	4	1	Good	Good	NULL	Millcroft	Retain	Retain	Area K
171	Salix euxina	Crack Willow	30	3	5	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
172	Salix euxina	Crack Willow	40	3	5	2	Good	Poor	Stems parallel to ground lean west	Millcroft	Retain	Retain	Area K
173	Salix euxina	Crack Willow	14	2.4	4	1	Good	Poor	Lower stem parallel to ground lean west	Millcroft	Retain	Retain	Area K
174	Salix euxina	Crack Willow	20	2.4	4	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
175	Salix euxina	Crack Willow	45	3	5	1	Good	Poor	One stem leaning over creek at base	Millcroft	Retain	Retain	Area K
176	Salix euxina	Crack Willow	11	2.4	4	1	Poor	Poor	Dead stem broken at 50cm	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K
177	Salix euxina	Crack Willow	37	3	5	1	Good	Good	Co-dominant stems	Millcroft	Retain	Retain	Area K
178	Salix euxina	Crack Willow	44	3	5	2	Fair	Fair	Reduced leaf size in crown; storm damage	Millcroft	Retain	Retain	Area K
179	Salix euxina	Crack Willow	34	3	5	2	Good	Fair	NULL	Millcroft	Retain	Retain	Area K
180	Salix euxina	Crack Willow	36	3	5	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
181	Salix euxina	Crack Willow	37	3	5	3	Good	Good/Fair	Basal trunk wound on smaller stem	Millcroft	Retain	Retain	Area K
182	Fraxinus pennsylvanica	Red Ash	15	2.4	4	1	Poor	Poor	EAB; EPIS on tk; codominant leaders	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K
183	Picea pungens	Blue Spruce	32	3	5	3	Good	Good	NULL	Millcroft	Retain	Retain	Area K
184	Prunus avium	Sweet Cherry	14	2.4	4	2	Good	Good	NULL	Millcroft	Retain	Retain	Area K
185	Catalpa bignonioides	Southern Catalpa	65	4.2	7	8	Good	Good	NULL	Millcroft	Retain	Retain	Area K
31	Betula nigra	River Birch	34	3	5	1.5	Good	Good	NULL	Millcroft	Retain	Retain	Area K
338-K	Salix euxina	Crack Willow	46	3	5	6	Good/Fair	Good/Fair	Epis on tk and scaffold branches, asymmetric crown	Millcroft	Retain	Retain in floodplain	Area K
339-K	Salix euxina	Crack Willow	67	4.2	7	6	Good/Fair	Good/Fair	Epis on branches, 5-10 % crown dieback	Millcroft	Retain	Retain in floodplain	Area K
340-K	Picea glauca	White Spruce	27	3	5	3	Fair	Fair	Codominant leaders, crown shaded	Millcroft	Retain	Retain	Area K
341-K	Acer platanoides	Norway Maple	35	3	5	4	Good/Fair	Good/Fair	Incl bark, girdling roots, roots mower damage, bark seam	Millcroft	Retain	Retain	Area K
342-K	Acer platanoides	Norway Maple	23	3	5	3	Good/Fair	Good/Fair	Orig. leader dead	Millcroft	Retain	Retain	Area K
343-K	Fraxinus pennsylvanica	Red Ash	38	3	5	4	Poor	Good/Fair	EAB damage, lifted bark. Epis on tk and branches, buttress rot	Millcroft	Remove	Remove - Floodplain grading	Area K
344-K	Salix euxina	Crack Willow	46	3	5	6	Good	Good	Epis on branches	Millcroft	Retain	Retain in floodplain	Area K
345-K	Salix euxina	Crack Willow	18	2.4	4	1	Good/Fair	Poor	Uprooted in creek, 40 deg ln to west	Millcroft	Retain	Retain despite condition as wildlife tree	Area K
346-K	Salix euxina	Crack Willow	34	3	5	4	Good/Fair	Good/Fair	Unbalanced crown, epis on branches	Millcroft	Retain	Retain	Area K
347-K	Salix euxina	Crack Willow	35	3	5	3	Good/Fair	Good/Fair	Codominant leaders, incl bark, epis on branches, mower damage to exposed roots	Millcroft	Retain	Retain	Area K
348-K	Salix euxina	Crack Willow	51	3.6	6	6	Good/Fair	Good/Fair	Epis on tk and branches, codom leaders	Millcroft	Retain	Retain	Area K
349-K	Salix euxina	Crack Willow	53	3.6	6	4	Good/Fair	Fair	Incl bark, bole growing in to metal t bar tree stake and metal wire, epis on branches, codom leaders	Millcroft	Retain	Retain	Area K
350-K	Acer x freemanii	Freeman's Maple	69	4.2	7	6.5	Good	Fair	Epis on scaffold branches, one scaffold branch failing	Millcroft	Retain	Retain	Area K
351-K	Acer platanoides	Norway Maple	42	3	5	4	Good/Fair	Good/Fair	Incl bark, girdling roots,swollen branch attachments	Millcroft	Retain	Retain	Area K
352-K	Acer platanoides	Norway Maple	37	3	5	5	Good/Fair	Good/Fair	Codominant leaders, tar spot, 10 percent ln to east	Millcroft	Retain	Retain	Area K
353-K	Salix discolor	Pussy Willow	19	2.4	4	1.5	Fair/Poor	Fair/Poor	8 cm stem dead, unbalanced crown	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K
354-K	Salix discolor	Pussy Willow	22	3	5	3	Fair	Fair	Epis on tk, codom leaders, included bark, one 6 cm stem dead	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K

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N

Ash Baron
#ON-1821A

1:1 | 0 5 10 15 20 m

Location:
Millcroft Greens Phase 2
City of Burlington

Project No.: 25061
Figure TP-K-T-2
Date: 2025-12-19
By: RA **Checked:** AB
Orthophotograph Date: N/A

Area K Tree Inventory Table

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
355-K	Salix discolor	Pussy Willow	19	2.4	4	2.5	Fair	Fair	Codom leaders, tk rot, unbalanced crown due to shading, epis on tk	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K
356-K	Salix discolor	Pussy Willow	12	2.4	4	2.5	Good/Fair	Fair	Epis on tk, both trunks wounded, assymetric crown due to shading	Millcroft	Retain	Retain as wildlife tree in riparian area	Area K
357-K	Salix discolor	Pussy Willow	10	1.8	1.8	1	Fair/Poor	Fair	2 cm dbh stem dead, assymetric crown, 10 % crown dieback	Millcroft	Retain	Retain	Area K
358-K	Salix discolor	Pussy Willow	10	1.8	1.8	0.5	Fair	Fair	Tk wound, epis on rk	Millcroft	Retain	Retain	Area K
359-K	Salix discolor	Pussy Willow	21	3	5	2	Fair/Poor	Poor	Main stem cracked off at 1 m, two 8 cm stems and 12 cm stem dead, leaning over creek	Millcroft	Retain	Retain as wildlife tree	Area K
360-K	Salix discolor	Pussy Willow	16	2.4	4	1	Fair/Poor	Fair	3 cm stems dead, oozing canker on main stem	Millcroft	Retain	Retain	Area K
361-K	Acer x freemanii	Freeman's Maple	16	2.4	4	2	Good	Poor	Incl bark, multiple leaders	Millcroft	Retain	Retain	Area K
362-K	Acer x freemanii	Freeman's Maple	13	2.4	4	1.5	Good/Fair	Fair/Poor	3 cm stem dead, codom stems	Millcroft	Retain	Retain	Area K
363-K	Acer x freemanii	Freeman's Maple	12	2.4	4	2	Good/Fair	Good/Fair	Tk wound, epis from tk	Millcroft	Injure	Retain with injury - Floodplain grading	Area K
364-K	Thuja occidentalis	Eastern White Cedar	10	1.8	1.8	0.5	Good/Fair	Good/Fair	Hedge start, unbalanced shaded crown, limited rooting area due to hardscaping; 8 stems @ 7 cm DBH, 8 stems @ 5 cm, 7 stems at 3 cm and 1 stem at 10 cm	Millcroft	Retain	Retain in floodplain	Area K
G16a	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.25	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G16b	Magnolia sp.	Magnolia species	16	2.4	4	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G17	Syringa reticulata 'Ivory Silk'	Ivory Silk Lilac	15	2.4	4	0.25	Poor	Poor	Topped, improper pruning	Private	Retain	Retain - On adjacent private property	Area K
G18	Rhus typhina	Staghorn Sumac	4	1.8	1.8	0.25	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G19	Syringa reticulata 'Ivory Silk'	Ivory Silk Lilac	20	2.4	4	0.25	Poor	Poor	Topped, improper pruning	Private	Retain	Retain - On adjacent private property	Area K
G20	Prunus sp.	Cherry species	2	1.8	1.8	0.25	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G21	Prunus sp.	Cherry species	2	1.8	1.8	0.25	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G22	Prunus sp.	Cherry species	4	1.8	1.8	0.25	Good	Poor	Dicurrent stems, frost crack on 3 cm DBH stem	Private	Retain	Retain - On adjacent private property	Area K
G23	Chamaecyparis nootkatensis 'Pendula'	Weeping Cypress	30	3	5	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G24	Morus alba	White Mulberry	6	1.8	1.8	1	Good	Poor	Multiple stems growing through fence, shared ownership	Shared Private	Retain	Retain - Partially on adjacent private property	Area K
G25	Picea pungens	Blue Spruce	15	2.4	4	2	Fair	Good/Fair	In elevated planter, 20% crown dieback	Private	Retain	Retain - On adjacent private property	Area K
G26	Picea pungens	Blue Spruce	10	1.8	1.8	1	Fair/Poor	Good/Fair	In planter, shaded crown	Private	Retain	Retain - On adjacent private property	Area K
G27	Picea pungens	Blue Spruce	10	1.8	1.8	1	Fair	Good	In elevated planter, shaded crown	Private	Retain	Retain - On adjacent private property	Area K
G28	Betula papyrifera	Paper Birch	25	3	5	2.5	Good/Fair	Good/Fair	NULL	Private	Retain	Retain - On adjacent private property	Area K
G29	Sorbus aucuparia	European Mountain-ash	25	3	5	2.5	Good/Fair	Fair	Tk wound from improper pruning	Private	Retain	Retain - On adjacent private property	Area K
G30	Syringa vulgaris	Common Lilac	15	2.4	4	2	Good/Fair	Fair	NULL	Private	Retain	Retain - On adjacent private property	Area K
G31	Morus alba	White Mulberry	5	1.8	1.8	1.5	Good/Fair	Poor	Growing between 2 armor stones	Private	Retain	Retain - On adjacent private property	Area K
G32	Picea glauca	White Spruce	15	2.4	4	1.5	Good/Fair	Good/Fair	NULL	Private	Retain	Retain - On adjacent private property	Area K
G33	Picea abies	Norway Spruce	40	3	5	5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G34	Picea glauca	White Spruce	40	3	5	3.5	Good	Good	Shaded crown	Private	Retain	Retain - On adjacent private property	Area K
G35	Thuja occidentalis	Eastern White Cedar	6	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G36	Thuja occidentalis	Eastern White Cedar	7	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G37	Hydrangea sp.	Hydrangea species	6	1.8	1.8	0.5	Good/Fair	Good/Fair	NULL	Private	Retain	Retain - On adjacent private property	Area K
G38	Thuja occidentalis	Eastern White Cedar	10	1.8	1.8	0.5	Good	Fair	Shaded on N side	Private	Retain	Retain - On adjacent private property	Area K
G39	Acer x freemanii	Freeman's Maple	2	1.8	1.8	0.5	Good	Fair	Growing through fence, shared ownership	Shared Private	Retain	Retain - Partially on adjacent private property	Area K
G40	Fagus sylvatica	European Beech	27	3	5	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G41	Thuja occidentalis	Eastern White Cedar	7	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G42	Cornus kousa	Kousa Dogwood	6	1.8	1.8	1	Good/Fair	Good	10% crown dieback, shaded crown	Private	Retain	Retain - On adjacent private property	Area K
G43	Thuja occidentalis	Eastern White Cedar	15	2.4	4	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G44	Thuja occidentalis	Eastern White Cedar	15	2.4	4	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
G45	Thuja occidentalis	Eastern White Cedar	10	1.8	1.8	0.5	Good	Good/Fair	NULL	Private	Retain	Retain - On adjacent private property	Area K
K1	Thuja occidentalis	Eastern White Cedar	7	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K10	Pinus sp.	Pine species	24	3	5	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K11	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K12	Thuja occidentalis	Eastern White Cedar	4	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K13	Syringa vulgaris	Common Lilac	2	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K14	Betula nigra	River Birch	37	3	5	4	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K15	Picea pungens	Blue Spruce	2	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K16	Acer palmatum	Japanese Maple	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K17	Syringa vulgaris	Common Lilac	2	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K18	Ginkgo biloba	Ginkgo	8	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K19	Gleditsia triacanthos var. inermis	Thornless Honeylocust	25	3	5	4	Good/Fair	Good/Fair	Raised bed. Slight crown dieback.	Private	Retain	Retain - On adjacent private property	Area K
K2	Picea pungens	Blue Spruce	35	3	5	3	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K20	Acer palmatum	Japanese Maple	15	2.4	4	2	Good	Good	In raised bed	Private	Retain	Retain - On adjacent private property	Area K
K21	Cornus sp.	Dogwood species	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K22	Pinus sp.	Pine species	6	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K23	Picea pungens	Blue Spruce	15	2.4	4	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K24	Magnolia sp.	Magnolia species	5	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K25	Fagus sylvatica	European Beech	20	2.4	4	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K26	Malus sp.	Apple species	15	2.4	4	3	Good/Fair	Good/Fair	Seams/cracks, slight down dieback.	Private	Retain	Retain - On adjacent private property	Area K
K27	Cotinus coggygria	Smokebush	5	1.8	1.8	0.5	Poor	Poor	Two stems dead.	Private	Retain	Retain - On adjacent private property	Area K
K28	Thuja occidentalis	Eastern White Cedar	3	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K29	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K3	Thuja occidentalis	Eastern White Cedar	7	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K30	Thuja occidentalis	Eastern White Cedar	9	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K31	Picea sp.	Spruce species	7	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K32	Picea glauca	White Spruce	28	3	5	3	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K33	Picea sp.	Spruce species	18	2.4	4	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K34	Salix integra	Dappled Willow	7	1.8	1.8	1	Fair/Poor	Fair/Poor	Moderate crown dieback	Private	Retain	Retain - On adjacent private property	Area K
K35	Salix integra	Dappled Willow	7	1.8	1.8	1	Fair/Poor	Fair/Poor	Moderate crown dieback, epicormic shoots	Private	Retain	Retain - On adjacent private property	Area K
K36	Salix integra	Dappled Willow	7	1.8	1.8	0.25	Dead	Poor	NULL	Private	Retain	Retain - On adjacent private property	Area K
K37	Hydrangea paniculata	Panicled Hydrangea	3	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K38	Hydrangea paniculata	Panicled Hydrangea	3	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K39	Morus alba	White Mulberry	3	1.8	1.8	1	Good/Fair	Good/Fair	Growing through fence	Shared Private	Retain	Retain - On adjacent private property	Area K
K4	Taxus sp.	Yew species	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K40	Taxus sp.	Yew species	3	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K41	Amelanchier canadensis	Saskatoonberry	15	2.4	4	3	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K42	Fagus sylvatica var. fastigiata	Columnar European Birch	8	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K43	Picea pungens	Blue Spruce	30	3	5	3	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K44	Picea pungens	Blue Spruce	25	3	5	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K45	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K46	Taxus sp.	Yew species	3	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K47	Hydrangea paniculata	Panicled Hydrangea	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K48	Acer palmatum	Japanese Maple	5	1.8	1.8	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K49	Hydrangea paniculata	Panicled Hydrangea	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K5	Pyrus calleryana	Callery Pear	10	1.8	1.8	1.5	Good	Good	Leaf scorch.	Private	Retain	Retain - On adjacent private property	Area K
K50	Acer palmatum	Japanese Maple	5	1.8	1.8	1	Good	Good	Growing in concrete retaining wall	Private	Retain	Retain - On adjacent private property	Area K
K51	Acer palmatum	Japanese Maple	10	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K52	Acer palmatum	Japanese Maple	8	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K53	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K54	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K55	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K56	Thuja occidentalis	Eastern White Cedar	5	1.8	1.8	0.5	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K57	Acer palmatum	Japanese Maple	10	1.8	1.8	2	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K58	Picea pungens	Blue Spruce	27	3	5	3	Good/Fair	Good/Fair	Slight crown dieback	Private	Retain	Retain - On adjacent private property	Area K
K59	Picea pungens	Blue Spruce	35	3	5	4	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K

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Ash Baron
#ON-1821A

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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-K-T-3.
Area K Tree Inventory Table

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
K6	Rhus typhina 'laciniata'	Cutleaf Staghorn Sumac	5	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K7	Rhus typhina 'laciniata'	Cutleaf Staghorn Sumac	5	1.8	1.8	1	Good	Good	NULL	Private	Retain	Retain - On adjacent private property	Area K
K8	Rhus typhina 'laciniata'	Cutleaf Staghorn Sumac	5	1.8	1.8	1	Good/Fair	Good/Fair	Slight crown dieback.	Private	Retain	Retain - On adjacent private property	Area K
K9	Pyrus calleryana	Callery Pear	10	1.8	1.8	1	Good	Good	Leaf scorch.	Private	Retain	Retain - On adjacent private property	Area K

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CERTIFIED ARBORIST ISA
Ash Baron
#ON-1821A

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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-K-T-4.
Area K Tree Inventory Table

TREE REMOVAL AND PRESERVATION NOTES:

GENERAL:

1. CONSTRUCTION ACTIVITIES WILL TREAT ALL TREES RECOMMENDED FOR RETENTION SHOWN HEREIN AS CONSTRAINTS.

2. TREES THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR SHALL BE REMOVED AND REPLACED AT THE OWNER'S EXPENSE WITH TREES OF A SIZE AND SPECIES APPROVED BY THE CITY'S PARKS & FORESTRY DIVISION / COMMUNITY SERVICES DEPARTMENT OR DELEGATE.

3. NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN THE TREES AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER THE ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTIVE FENCING. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.

4. IN SITUATIONS WHERE CONSTRUCTION ACCESS IS REQUIRED WITHIN THE CRZ OR MTPZ OF TREES IDENTIFIED FOR RETENTION, A MINIMUM OF 4 – 6 INCHES OF WOOD CHIP MULCH UNDER PLYWOOD BOARD(S) SHALL BE INSTALLED IN THE AREA WHERE ACCESS IS REQUIRED.

5. A POST-CONSTRUCTION LETTER/DEBRIEF OUTLINING WORK COMPLETED (I.E., DATES, WORK COMPLETED, SITE PHOTOS) SHALL BE SUBMITTED TO THE CITY.

6. ALL TREE WORK IS TO BE COMPLETED OR SUPERVISED BY A CERTIFIED ARBORIST.

TREE REMOVAL:

7. ALL NECESSARY TREE REMOVALS ASIDE FROM THOSE IN AND DIRECTLY ADJACENT TO THE REMNANT TREED AREA IN AREA J WILL BE COMPLETED OUTSIDE THE PRIMARY BIRD NESTING ACTIVITY PERIOD (I.E., TO BE COMPLETED BETWEEN SEPTEMBER 1 AND MARCH 31). IF LIMITED TREE REMOVAL IS REQUIRED DURING THIS PERIOD, A SURVEY WILL BE CONDUCTED BY A QUALIFIED ECOLOGIST WITHIN TWO (2) DAYS OF THE COMMENCEMENT OF TREE REMOVAL ACTIVITIES TO DETERMINE HABITAT SUITABILITY AND/OR CONFIRM THE PRESENCE/ABSENCE OF NESTING BIRDS.

8. ALL NECESSARY TREE REMOVALS WITHIN AND DIRECTLY ADJACENT TO THE REMNANT TREED AREA IN AREA J WILL BE COMPLETED OUTSIDE THE PRIMARY BAT ACTIVITY PERIOD (I.E., TO BE COMPLETED BETWEEN NOVEMBER 1 AND MARCH 31).

9. SHOULD A NESTING BIRD OR ROOSTING BAT BE IDENTIFIED, A MITIGATION PLAN MUST BE DEVELOPED (WHICH MAY INCLUDE DISCUSSIONS WITH RELEVANT AGENCIES) TO ADDRESS REGULATORY REQUIREMENTS.

TREE PROTECTION BARRIER:

10. TREE PROTECTION FENCE (SEE DETAIL 1) AND SIGNAGE (SEE DETAIL 2) WILL BE INSTALLED PRIOR TO THE COMMENCEMENT OF SITE PREPARATION AND OTHER CONSTRUCTION ACTIVITIES. NO DEVELOPMENT, SITE ALTERATION (E.G., GRADING, EXCAVATION, SOIL STOCKPILING, ETC.), MACHINERY MOVEMENT, OR STORAGE OF EQUIPMENT OR MATERIALS WILL OCCUR WITHIN ANY AREA ISOLATED BY TREE PROTECTION FENCE.

11. A QUALIFIED ARBORIST WILL INSPECT THE TREE PROTECTION FENCE WITH THE WITH OF BURLINGTON FOLLOWING INSTALLATION AND PRIOR TO THE COMMENCEMENT OF SITE PREPARATION OR OTHER CONSTRUCTION ACTIVITIES.

12. TREE PROTECTION FENCE WILL REMAIN IN PLACE AND BE IN GOOD CONDITION DURING IMPLEMENTATION OF THE PROPOSED DEVELOPMENT PLAN. TREE PROTECTION FENCE WILL NOT BE REMOVED UNTIL ALL SITE DISTURBANCES ASSOCIATED WITH THE PROPOSED DEVELOPMENT PLAN HAVE CONCLUDED.

13. ALL EXISTING TREES WHICH ARE TO REMAIN SHALL BE FULLY PROTECTED WITH TREE PROTECTION FENCING/HOARDING TO THE SATISFACTION OF THE CITY ARBORIST PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT. GROUPS OF TREES AND OTHER EXISTING VEGETATION ARE TO BE PROTECTED WITH HOARDING AROUND THE ENTIRE AREA. AREAS WITHIN THE PROTECTIVE FENCING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS AND EQUIPMENT.

14. NO DEVELOPMENT, SITE ALTERATION (E.G., GRADING, EXCAVATION, SOIL STOCKPILING), MACHINERY MOVEMENT, OR STORAGE OF EQUIPMENT OR MATERIALS WILL OCCUR WITHIN ANY AREA ISOLATED BY TREE PROTECTION BARRIERS.

15. THE CITY'S ARBORIST WILL BE RESPONSIBLE FOR THE INSPECTION OF FENCING/HOARDING FOR PUBLIC TREES. FENCING/HOARDING IS TO REMAIN IN PLACE UNTIL AN INSPECTION BY THE CITY IS COMPLETE AND AN APPROPRIATE REMOVAL TIME HAS BEEN AGREED UPON (I.E., THROUGH ISSUANCE OF A PERMIT UNDER THE CITY'S PRIVATE TREE BY-LAW).

PRUNING:

16. ALL NECESSARY PRUNING OF BRANCHES AND/OR ROOTS SHALL BE CONDUCTED BY A QUALIFIED ARBORIST AND SHALL BE IN ACCORDANCE WITH GOOD ARBORICULTURAL STANDARDS AND PRACTICES.

17. WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION, THEY WILL BE REMOVED IN ACCORDANCE WITH ACCEPTED ARBORICULTURAL PRACTICE UNDER THE SUPERVISION OF A QUALIFIED ARBORIST.

ROOT SENSITIVE EXCAVATION:

18. ROOT-SENSITIVE EXCAVATION TECHNIQUES (EITHER PNEUMATIC EXCAVATION, HYDRO-VAC EXCAVATION, OR HAND-DIGGING) WILL BE EMPLOYED WITHIN THE AREAS SHOWN ON FIGURES TP-F TO TP-J PRIOR TO THE COMMENCEMENT OF SILT FENCE INSTALLATION, GRADING, OR MACHINE EXCAVATION. THE EXCAVATED TRENCH WILL BE APPROXIMATELY 1.0 M DEEP BY 0.5 M WIDE TO EXPOSE ROOTS AT THE LIMIT OF DISTURBANCE. ROOT-SENSITIVE EXCAVATION AND SUBSEQUENT BACKFILLING TO SECURE THE SEDIMENT FENCE WILL BE UNDERTAKEN ON THE OUTSIDE EDGE OF THE TREE PROTECTION ZONE ONLY. EXCAVATION SHALL BE SUPERVISED BY A CERTIFIED ARBORIST PER THE REQUIREMENTS OF SECTION 8 OF THE CITY OF BURLINGTON'S TREE PROTECTION AND PRESERVATION SPECIFICATIONS NO. SS12A.

19. FOLLOWING ROOT EXPOSURE, A QUALIFIED ARBORIST WILL SUPERVISE THE ROOT CUTTING PROCEDURES AND EXAMINE IF ANY EXCESSIVE OR LARGE STRUCTURAL ROOTS REQUIRE CUTTING. ALL EXPOSED TREE ROOTS WILL BE SEVERED CLEANLY IN ACCORDANCE WITH STANDARD ARBORICULTURAL PRACTICES. LOSS OF STRUCTURAL ROOTS MAY NECESSITATE REMOVAL OF THE SUBJECT TREE, TO BE DETERMINED BY THE ON-SITE QUALIFIED ARBORIST.

20. IN SITUATIONS WHERE GRADING OR EXCAVATION WORKS EXPOSES ROOT SYSTEMS OF TREES IDENTIFIED FOR PRESERVATION, BEST ARBORICULTURAL PRACTICES SHOULD BE EMPLOYED TO LIMIT DAMAGE TO ROOT SYSTEMS. HYDRO VACUUMING OR AIR-POWERED EXCAVATION TOOLS SHALL BE USED FOR ROOT PRUNING/EXPLORATION WORK. ANY EXPOSED ROOTS SHALL BE KEPT COVERED FROM SUN/WIND EXPOSURE USING SOIL OR MOISTENED BURLAP AND PROMPTLY WATERED. EXPOSED ROOTS SHALL BE CUT BACK CLEANLY ON THE TREE SIDE OF THE BREAK IN ACCORDANCE WITH THE SPECIFICATIONS BELOW.

- HYDROVAC SHOULD BE EMPLOYED WHERE APPROPRIATE. ALL ROOT EXCAVATION AND PRUNING SHALL BE COMPLETED UNDER THE SUPERVISION OF A QUALIFIED ARBORIST. ONCE COMPLETE, EXCAVATION SHALL BE BACKFILLED WITH EXCAVATED NATIVE SOILS OR NEW TOPSOIL OR COMPOST, AND TREE HOARDING SHALL BE INSTALLED ALONG THE TRENCH TO PROTECT THE REMAINING ROOTS;
- ROOTS MEASURING > 2 CM IN DIAMETER CAN BE PRUNED USING A SHARPENED TOOL SUCH AS HAND PRUNERS OR A SHARPENED SPADE UNDER THE SUPERVISION OF THE CONSTRUCTION INSPECTOR.
- ROOTS BETWEEN 2 AND 8 CM IN DIAMETER CAN BE PRUNED BY THE ARBORIST USING A SHARP TOOL, SUCH AS A HANDSAW, HAND PRUNER OR LOPPERS UNDER THE SUPERVISION OF THE CONSTRUCTION INSPECTOR AND THE ADVISEMENT OF THE PROJECT ARBORIST.
- ROOTS > 8 CM IN DIAMETER MUST BE ASSESSED BY THE PROJECT ARBORIST PRIOR TO PRUNING UNLESS THE ON-SITE ARBORIST CAN CONFIDENTLY ASSESS THE EFFECT OF THE REMOVAL OF THE ROOT AS NOT DETRIMENTAL TO THE TREE.
- ROOT PRUNING WITHIN THE CRZ AND OUTSIDE OF THE MTPZ CAN TYPICALLY BE ACHIEVED USING A SHARPENED GARDEN SPADE CUTTING A LINE TO A DEPTH OF 30 CM BY THE ON-SITE ARBORIST UNDER THE ADVISEMENT OF THE PROJECT ARBORIST IF NEEDED. HOWEVER, THE SAME PRUNING PROTOCOL FOR THE SIZE OF ROOTS ENCOUNTERED (IN THE MTPZ) APPLIES TO THE ROOTS FOUND WITHIN THIS AREA.

21. NO OPEN TRENCHING FOR SERVICE INSTALLATION SHALL OCCUR WITHIN THE MTPZ. ONLY TRENCHLESS METHODS SHOULD BE USED FOR SERVICE INSTALLATION IN THE MTPZ.

22. TREES SUBJECT TO ROOT INJURY SHALL BE WATERED REGULARLY AFTER INJURY AND DURING CONSTRUCTION.

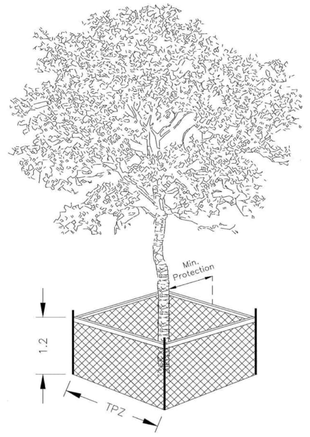
OTHER:

23. THE APPLICANT MUST SECURE APPROVAL TO IMPACT (I.E., REMOVE OR INJURE) ALL SHARED/BOUNDARY AND NEIGHBOURING TREES FROM RELEVANT PROPERTY OWNERS PRIOR TO GRADING/CONSTRUCTION.

24. THE APPLICANT MUST SECURE A PUBLIC TREE PERMIT FROM THE CITY TO REMOVE NEIGHBORING TREES WITHIN THE CITY'S RIGHT-OF-WAY.

DETAIL 1: TREE PROTECTION FENCE

Tree Protection and Preservation
Specification No.: SS12A



Detail TP-1 – Tree Protection Detail.

Trunk Diameter (DBH) [2]	Minimum Tree Protection Zone (MTPZ) Distances Required [3]	Critical Root Zone (CRZ) Distances Required [3&4]
< 10 cm	1.8 m	1.8 m
11 - 40 cm	2.4 m	4.0 m
41 - 50 cm	3.0 m	5.0 m
51 - 60 cm	3.6 m	6.0 m
61 - 70 cm	4.2 m	7.0 m
71 - 80 cm	4.8 m	8.0 m
81 - 90 cm	5.4 m	9.0 m
91 - 100+ cm	6.0 m	10.0 m

NOTES:
[1] The roots of a tree can extend from the trunk to approximately 2-3 times the distance of the drip line.
[2] Diameter at breast height (DBH) is the measurement of tree trunk taken at 1.4 metres above ground.
[3] Minimum Tree Protection Zone and Critical Root Zone distances are to be measured from the outside edge of the tree base towards the drip line and may be limited by an existing paved surface, provided the existing paved surface remains intact throughout the construction work and is subject to Section 6 of this specification.
[4] Where work is being performed beyond the Minimum Tree Protection Zone but within the Critical Root Zone the works are subject to Section 8 of this specification.

TREE PROTECTION BARRIER

1. The required barrier is a 1.2 metre (4 ft) high orange plastic web snow fencing on 2" x 4" frame. Where orange plastic web snow fencing creates a restriction to sightlines, page wire fencing with reflective tape can be used.
2. Tree protection barriers are to be erected prior to the commencement of any construction or grading activities on the site and are to remain in place throughout the entire duration of the project. The barriers shall be maintained erect and in good repair throughout the duration of construction operations with breaks and unsupported sections repaired immediately. Tree protection may be not be removed prior to the completion of construction without written authorization from the Manager of Urban Forestry or designate.
3. All supports and bracing used to safely secure the barrier should be located outside the MTPZ. All supports and bracing should minimize damage to roots.
4. Where some fill or excavated material must be temporarily located near a MTPZ, a wooden barrier with silt fencing must be used to ensure no material enters the MTPZ.
5. No materials or fill may be stored within the MTPZ.
6. Equipment or vehicles shall not be operated, parked, repaired, or refueled within the MTPZ.
7. No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the MTPZ without written authorization from the Manager of Urban Forestry or designate.
8. A laminated Minimum Tree Protection Zone sign (See Detail TP-3 – Minimum Tree Protection Zone Sign) must be attached to the side of the Tree Protection where it will be visible by persons entering the site. Minimum size must be 10"x14".

DETAIL 2: TREE PROTECTION SIGNAGE

City of Burlington

TREE PROTECTION ZONE (TPZ)

No equipment or vehicles shall be operated, parked, repaired or refueled within the Tree Protection Zone.

No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.

No materials or fill may be stored within the Tree Protection Zone.

This tree protection barrier must not be removed prior to the completion of construction without written authorization from the City of Burlington, Urban Forestry Department.

For information, contact:
City of Burlington, Development and Infrastructure Division,
905-335-7642.

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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Specialists in Natural Heritage, Tree Protection, and Environmental Policy

CERTIFIED ARBORIST ISA
Ash Baron
#ON-1821A

Location:
Millcroft Greens Phase 2
City of Burlington

Project No.: 25061	**Figure TP-D.** Tree Protection Plan Details and Notes
Date: 2025-12-22	
By: RA **Checked:** AB	
Orthophotograph Date: N/A	